英一环境®
YINGYI

上海英一环境科技有限公司
SHANGHAI YINGYI ENVIRONMENT S&T CO., LTD.

高 端 空 调 末 端 设 备 制 造 者

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风口 感温风口
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公司概况 Enterprise Survey

企业愿景：

打造行业领先空调末端品牌，成为行业最值得尊重和最具竞争力的先进制造企业。

Enterprise vision: to build the industry leading brand of air conditioning terminal, to become the industry's most worthy of respect and the most competitive advanced manufacturing enterprises.

核心价值观：

勤奋，进取，忠诚，感恩

Core values: diligence, enterprising, loyalty, gratitude

企业精神：

多从自身找问题，多为解决问题想办法，多为攻克难关挑重担。

Enterprise spirit: find problems from oneself, find ways to solve problems, and carry heavy burdens to overcome difficulties.

企业使命：

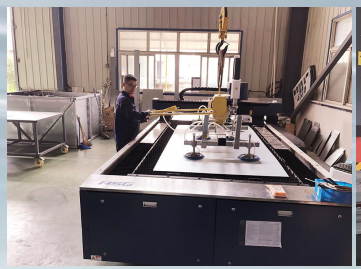
提供最专业、可靠的空气调节系统定制化服务品牌。

Enterprise mission: to provide the most professional, reliable air conditioning system customized service brand.

英一环境® YINGYI

上海英一环境科技有限公司是一家集研发、制造、销售和服务于一体，专注于高端中央空调末端产品的公司，总部设在中国上海，目前有上海和合肥两大生产基地，主要生产风口、风阀、静压箱、空调器、消声器、定变风量阀等产品。公司一直以来以不断提升产品质量为长远目标，锻造自身品牌，凭借着强劲的技术研发实力，优异的产品质量及完善的售后服务，赢得了众多设计院、工程公司和直接用户的一致好评。特别在电子、医药、汽车制造及高端商用建筑领域享有盛誉。展望未来，公司将继续坚持以先进的工艺设备和科学的管理以及优质的服务，本着“品质、创新、服务”的原则，为国内外广大客户提供更多、更优质的产品和服务。

Shanghai Yingyi Environmental Technology Co. , Ltd. is a research and development, manufacturing, sales and services in one, focusing on high-end air conditioning products, headquartered in Shanghai, China, currently has two major production bases in Shanghai and Hefei, mainly produces the Tuyere, the air valve, the static pressure box, the air conditioner, the Muffler, the invariable variable air volume valve and so on product. The company has been constantly improving product quality as a long-term goal, forging its own brand, with strong technical R & D strength, excellent product quality and perfect after-sales service, won many design institutes, engineering companies and direct users of the praise. Especially in the field of electronics, medicine, automobile manufacturing and high-end commercial buildings enjoy a high reputation. Looking forward to the future, the company will continue to adhere to the advanced technology and equipment and scientific management and high-quality service, in line with the "quality, innovation, service" principle, to provide more and more quality products and services for customers at home and abroad.



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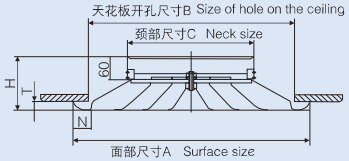
感温风口系列 The Temperature of Tuyere Series

YCA圆型散流器 ROUND DIFFUSER

■结构示意图
Structure scheme



■材质：铝板
■特性：
1.YCA圆型散流器为多层锥体结构，一般安装于冷暖房的天花板上，其吹出气流属贴附型，具有内部诱导性佳、送风温差大、吹出气流均匀、能抑制体感气流等特点。
2.内层叶片可根据冬夏季节不同送风工况进行上下两档调节，夏季吹出气流呈水平，冬季吹出气流呈垂直。
3.叶片与外框为分离式结构，可方便拆卸和安装。
4.采用优质铝板旋压成形工艺，整体强度高、外形美观，表面可配合装饰要求进行静电喷塑。
5.可与YCS扇型风量调节开关配合使用，从正面即可方便调节风量。

■Material:aluminum sheet
■Features:
1.YCA round diffuser is a multilayer vertebral structure. It is usually installed on the ceiling of cooling and heating house. The air it blows is of attachment type and has such featuress as good inductivity, big supply air temperature difference, blowin guniform air and inhibition of somatos ensory airflow.
2.The inner leaf can be regulated up and down according to different air supply in winter or summer.The air is horizontal insummer and vertical in winter.
3.It is a separate structure for the leaf and frame which is easy to disassemble and assemble.
4.It is made by spinning forming process with high-quality alluminum plate and has high strength and beautiful outlook, Electrostatic spray can be applied to the surface according to the decorative requirement.
5.It can be equipped with YCS sector air volume control switch to adjust the air volume from the front side.

尺寸表 SIZE TABLE

C	B	A	T	N	H
ϕ150	ϕ255	ϕ300	12	28	102
ϕ200	ϕ330	ϕ382	15	32	110
ϕ250	ϕ412	ϕ472	17	37	120
ϕ300	ϕ495	ϕ562	20	42	133
ϕ350	ϕ575	ϕ650	22	45	145
ϕ400	ϕ660	ϕ742	25	50	155
ϕ450	ϕ745	ϕ835	28	55	170

YCS扇形风量调节开关

SECTOR AIR VOLUME CONTROL SWITCH

■可加附件 Addible accessories

YCA圆型散流器技术性能 ROUND DIFFUSER TECHNICAL PERFORMANCE

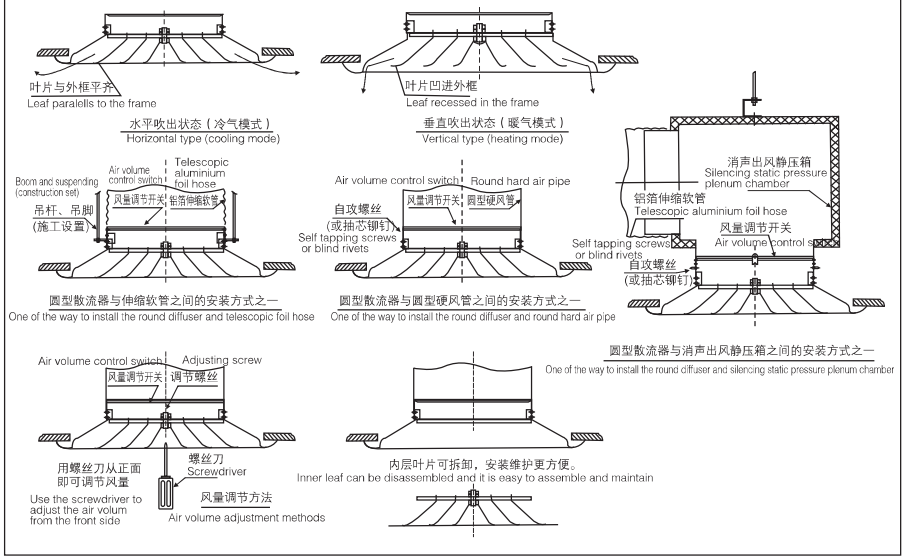
规格C specification（面积m^2）area	颈部风速m/s Neck air velocity		2	2.5	3	3.5	4	4.5	5	6
	静压损失Pa Static pressure loss	H	2	3	5	7	9	11	14	19
		V	4	6	9	13	17	21	27	37
ϕ150 (0.0177)	风量CMH Air volume		127	159	191	223	255	288	318	382
	扩散半径m Diffusion radius	H	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3
	到达距离m Reach distance	V	1.4	1.6	1.9	2.1	2.4	2.8	3.1	3.6
	发生噪音 Noise dB(A)	H	—	—	—	25	29	32	35	39
		V	—	—	20	26	30	34	36	41
ϕ200 (0.0314)	风量CMH Air volume		226	283	339	396	452	508	565	678
	扩散半径m Diffusion radius	H	0.8	0.9	1.1	1.2	1.3	1.5	1.7	1.8
	到达距离m Reach distance	V	1.5	1.8	2.2	2.5	2.8	3.1	3.5	4.1
	发生噪音 Noise dB(A)	H	—	—	—	26	30	34	36	40
		V	—	—	21	27	31	35	38	42
ϕ250 (0.0491)	风量CMH Air volume		353	442	530	619	707	795	884	1060
	扩散半径m Diffusion radius	H	0.9	1.1	1.3	1.5	1.7	1.8	2	2.2
	到达距离m Reach distance	V	1.7	2.3	2.7	3.2	3.6	4	4.5	5.2
	发生噪音 Noise dB(A)	H	—	—	21	27	31	35	38	43
		V	—	—	23	29	33	36	40	45

YCA圆型散流器技术性能 ROUND DIFFUSER TECHNICAL PERFORMANCE

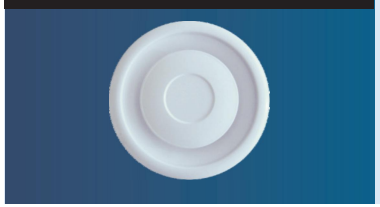
	风量CMH Air volume		509	636	763	891	1018	1145	1273	1527
ϕ300 (0.0707)	扩散半径m Diffusion radius	H	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5
	到达距离m Reach distance	V	2.2	2.6	3.2	3.8	4.3	4.8	5.3	6.3
	发生噪音 Noise dB(A)	H	—	—	23	29	33	36	39	43
		V	—	—	25	30	34	38	40	45
	风量CMH Air volume		693	866	1039	1212	1385	1559	1732	2078
ϕ350 (0.0962)	扩散半径m Diffusion radius	H	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6
	到达距离m Reach distance	V	2.6	3.2	3.8	4.3	5.0	5.7	6.3	7.5
	发生噪音 Noise dB(A)	H	—	—	24	29	33	36	39	44
		V	—	—	27	32	36	39	42	47
	风量CMH Air volume		905	1131	1357	1583	1809	2036	2262	2714
ϕ400 (0.1257)	扩散半径m Diffusion radius	H	1.4	1.7	2.0	2.3	2.5	2.7	2.9	3.2
	到达距离m Reach distance	V	3.2	4	4.9	5.6	6.3	7.2	8.1	9.6
	发生噪音 Noise dB(A)	H	—	—	26	31	35	38	41	45
		V	—	21	28	33	37	40	43	48
	风量CMH Air volume		1145	1431	1718	2004	2290	2576	2863	3435
ϕ450 (0.159)	扩散半径m Diffusion radius	H	1.6	1.9	2.2	2.5	2.8	3	3.3	3.7
	到达距离m Reach distance	V	3.6	4.6	5.6	6.5	7.5	8.5	9.5	11
	发生噪音 Noise dB(A)	H	—	—	28	33.0	36.0	40	43	47
		V	—	24	30	35	39	43	45	50

※ H指水平吹出状态,V指垂直吹出状态,到达距离为风速在0.5m/s处测得。
※H means horizontal air supply codition, V means vertical air supply condition. The reach distance is measured when the air velocity is at 0.5m/s.

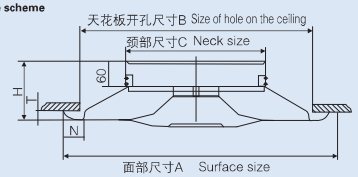
YCA圆型散流器气流吹出状态及安装方式 AIRFLOW AIR SUPPLY CONDITION AND INSTALLATION FOR YCA ROUND DIFFUSER



YCP圆盘型散流器 DISC DIFFUSER



■结构示意图
Structure scheme



■材质：铝板
■特性：
1.YCP型的叶片为盘状结构,其吹出气流不易减速，相比于YCA型其到达距离更远，可装在较高的天花板上。
2.内层叶片可根据冬夏季节不同送风工况进行上下两档调节，夏季吹出气流呈水平,冬季吹出气流呈垂直。
3.叶片与外框为分离式结构，可方便拆卸和安装。
4.采用优质铝板旋压成形工艺，整体强度高、外形美观，表面可配合装饰要求进行静电喷塑。
5.可与YCS扇型风量调节开关配合使用。

■Material:aluminum sheet
■Features:
1.The leaf of YCP type is disc structure and the air speed is not easy to reduce. Compared with YCA type, it reachs further distance and can be installed on higher ceiling.
2.The inner leaf can be regulated up and down according to different air supply in winter or summer.The air is horizontal in summer and vertical in winter.
3.It is a separate structure for the leaf and frame which is easy to disassemble and assemble.
4.It is made by spinning forming process with high-quality alluminum plate and has high strength and beautiful outlook.Electrostatic spray can be applied to the surface according to the decorative requirement.
5.It can be equipped with YCS sector air volume control switch.

尺寸表 SIZE TABLE

C	B	A	T	N	H
ϕ150	ϕ255	ϕ300	12	28	102
ϕ200	ϕ330	ϕ382	15	32	110
ϕ250	ϕ412	ϕ472	17	37	120
ϕ300	ϕ495	ϕ562	20	42	133
ϕ350	ϕ575	ϕ650	22	45	145
ϕ400	ϕ660	ϕ742	25	50	155
ϕ450	ϕ745	ϕ835	28	55	170

YCS扇形风量调节开关

SECTOR AIR VOLUME CONTROL SWITCH

■可加附件 Addible accessories

YCP圆盘型散流器技术性能 DISC DIFFUSER TECHNICAL PERFORMANCE

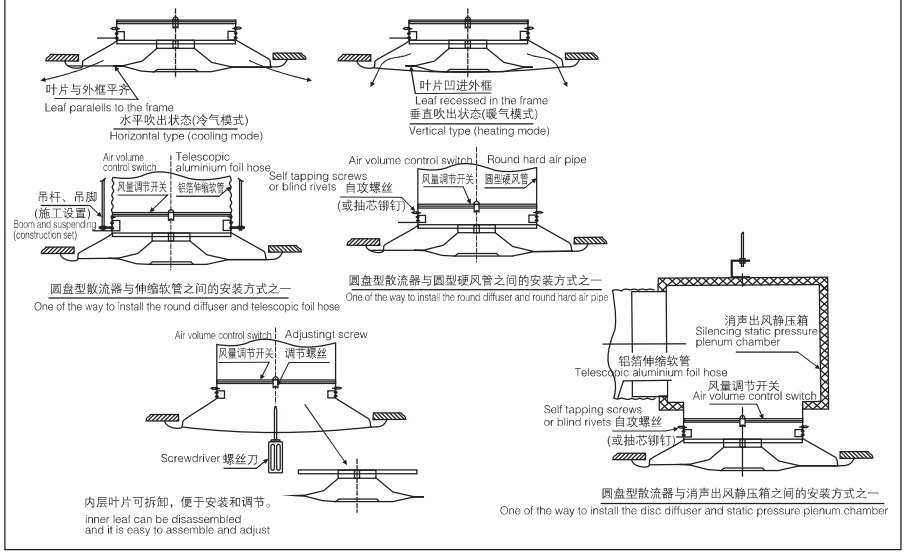
规格C specification (面积m²) area	颈部风速m/s Neck air velocity		2	2.5	3	3.5	4	4.5	5	6
	静压损失Pa Static pressure loss	H	7	11	15	21	28	35	43	62
		V	8	13	18	25	33	41	51	73
ϕ150 (0.0177)	风量CMH Air volume		127	159	191	223	255	288	318	382
	扩散半径m Diffusion radius	H	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.5
	到达距离m Reach distance	V	2.1	2.7	3.2	3.8	4.3	4.9	5.5	6.5
	发生噪音 Noise dB(A)	H	—	—	24	29	33	37	40	44
		V	—	—	25	30	34	38	41	45
ϕ200 (0.0314)	风量CMH Air volume		226	283	339	396	452	508	565	678
	扩散半径m Diffusion radius	H	0.8	0.9	1.1	1.2	1.3	1.5	1.7	1.9
	到达距离m Reach distance	V	3.0	3.8	4.6	5.4	6.2	7	7.8	9.3
	发生噪音 Noise dB(A)	H	—	—	25	29	34	38	41	45
		V	—	—	26	30	35	39	42	46
ϕ250 (0.0491)	风量CMH Air volume		353	442	530	619	707	795	884	1060
	扩散半径m Diffusion radius	H	0.9	1.1	1.3	1.5	1.7	1.9	2.1	2.3
	到达距离m Reach distance	V	3.8	4.8	5.9	6.9	7.9	8.9	10	12
	发生噪音 Noise dB(A)	H	—	20	25	30	34	38	41	46
		V	—	21	26	31	35	39	42	47

YCP圆盘型散流器技术性能 DISC DIFFUSER TECHNICAL PERFORMANCE

ϕ300 (0.0707)	风量CMH Air volume		509	636	763	891	1018	1145	1273	1527
	扩散半径m Diffusion radius	H	1.1	1.3	1.5	1.7	1.9	2.1	2.4	2.7
	到达距离m Reach distance	V	5	6.3	7.6	9.0	10.3	11.6	12.9	15.6
	发生噪音 Noise dB(A)	H	—	21	26	31	35	39	42	47
		V	—	22	27	32	36	40	43	48
ϕ350 (0.0962)	风量CMH Air volume		693	866	1039	1212	1385	1559	1732	2078
	扩散半径m Diffusion radius	H	1.2	1.4	1.6	1.8	2.1	2.4	2.7	3
	到达距离m Reach distance	V	5.4	6.8	8.4	9.7	11.1	12.6	14	16.9
	发生噪音 Noise dB(A)	H	—	22	27	32	36	40	43	49
		V	—	23	28	33	37	41	44	50
ϕ400 (0.1257)	风量CMH Air volume		905	1131	1357	1583	1809	2036	2262	2714
	扩散半径m Diffusion radius	H	1.4	1.7	2.0	2.3	2.5	2.7	2.9	3.2
	到达距离m Reach distance	V	5.8	7.3	8.9	10.4	12.0	13.5	15	18.1
	发生噪音 Noise dB(A)	H	—	23	28	33	37	41	44	50
		V	21	24	29	34	38	42	45	51
ϕ450 (0.159)	风量CMH Air volume		1145	1431	1718	2004	2290	2576	2863	3435
	扩散半径m Diffusion radius	H	1.6	1.9	2.2	2.5	2.8	3	3.3	3.7
	到达距离m Reach distance	V	6.2	7.7	9.3	10.8	12.4	13.5	15.4	18.5
	发生噪音 Noise dB(A)	H	—	24	30	35	39	43	45	50
		V	22	25	31	36	40	44	46	51

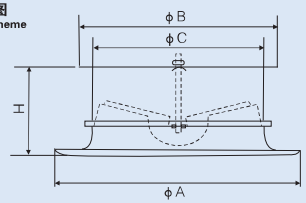
※ H指水平吹出状态,V指垂直吹出状态,到达距离为风速在0.5m/s处测得。
※H means horizontal air supply codition, V means vertical air supply condition. The reach distance is measured when the air velocity is at 0.5m/s.

YCP圆盘型散流器气流吹出状态及安装方式 AIRFLOW AIR SUPPLY CONDITION AND INSTALLATION FOR YCP DISC DIFFUSER



YXL旋流风口 SWIRL DIFFUSER

■结构示意图
Structure scheme



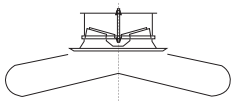
■材质：铝板
■特性：
1.YXL型旋流风口一般用于层高在3.8米以上的较大的空间，如机场、车站候车厅、会展中心、剧院、体育馆、工业厂房等。
2.风口正面装有可调式叶片和散流圈，叶片根据流体动力学原理设计的，可以使气流形成具有一定初速涡旋流送出，从而使送风射程远，射流覆盖面大，增加气流的对流效果。
3.叶片可根据送风工况的不同而改变送风射角，叶片的调整可以通过人工或电动来完成。
4.外框采用优质铝板旋压成形工艺，整体强度高、外形美观,表面可配合装饰要求进行静电喷塑。
5.可与风量调节阀及静压箱配合使用。

■Material:aluminum sheet
■Features:
1.YXL swirl diffuser is usually used in these big spaces, which is over 3.8meters high like airports,station waiting rooms,exhibition centers,theatres,gymnasiums, industrial plants and so on.
2.Adjustable leaves and diffuser rings are assembled on the front of the outlet. The leaf is designed according to the principle of fluid dynamics, which can supply the air at vortex flow velocity to make the air supply reach far distance, big jet coverage and to increase the convection effect of the air.
3.The leaf can change the angle according to different air supply conditions. The adjustment of the leaf can be finished by manual or power-driven.
4.The frame is made by spinning forming process with high-quality alluminum plate and has high strength and beautiful outlook. Electrostatic spray can be applied to the surface according to the decorative requirement.
5.It can be equipped with air volume adjustment valve and plenum chamber.

尺寸表 SIZE TABLE

C	B	A	H
ϕ250	ϕ300	ϕ366	166
ϕ315	ϕ365	ϕ468	203
ϕ400	ϕ450	ϕ568	230
ϕ500	ϕ550	ϕ688	245
ϕ630	ϕ686	ϕ872	283
ϕ800	ϕ858	ϕ1078	310

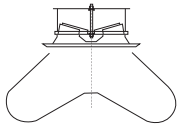
YXL旋流风口三种工况 THREE WORKDING CONDITIONS FOR SWIRL DIFFUSER



夏季送风状态
Air supply condition in Summer

当夏季工况时，叶片可调节为供冷模式，冷气形成扩散旋流送出，促进气流对流。

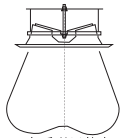
Under the air supply condition in Summer, the leaf can be adjusted to be cooling mode and the cooling air can be supplied at swirling diffusion, which promotes the air flow convection.



春秋季送风状态
Air supply condition in Spring and Autumn

当春秋季新风工况时，叶片可调节到常温模式，从而使新风大面积地补充到室内。

Under the air supply condition in Spring & Autumn, the leaf can be adjusted to be room temperature mode, which can make fresh air to be supplied into the room with large area.

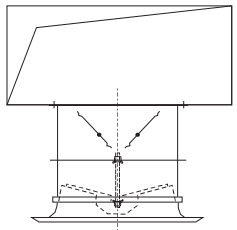


冬季送风状态
Air supply condition in Winter

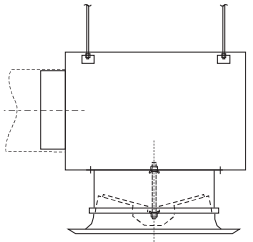
当冬季工况时，叶片可调节为供暖模式，热射流被集中垂直送到人员活动区域。

Under the air supply condition in Winter, the leaf can be adjusted to be heating mode and the thermojet can be centralized to be supplied to the area vertically.

YXL旋流风口安装方式 SWIRL DIFFUSER INSTALLATION



与风量调节阀的安装方式之一
One of the way to install with the air volume control valve



与静压箱的安装方式之一
One of the way to install with the plenum chamber

YXL旋流风口技术性能 SWIRL DIFFUSER TECHNICAL PERFORMANCE

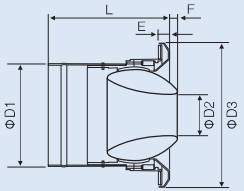
规格C Specification / 项目 Item	风量 Air volume CMH	压损 Pressure loss Pa	噪音 Noise dB(A)	供冷到达距离 m Cooling reach distance △t= -8℃	供暖到达距离 m Heating reach distance △t= +15℃
ϕ250	300	10	23	1.7	1.4
	500	28	35	3.0	2.6
	600	40	46	3.7	3.3
	800	82	51	5.0	4.5
	1000	99	56	6.0	5.3
ϕ315	500	23	25	1.8	1.5
	800	60	36	3.1	2.7
	1100	100	45	3.5	3.1
	1300	142	52	4.7	4.2
	1600	205	57	6.0	5.3
ϕ400	800	11	27	2.7	2.2
	1200	25	38	3.8	3.2
	1600	43	47	5.2	4.3
	2000	68	53	6.5	5.3
	2400	102	58	7.7	6.5
ϕ500	1200	12	28	2.1	1.7
	1600	23	39	3.2	2.8
	2000	29	45	3.6	3.2
	3000	82	52	5.3	4.6
	3500	96	58	6.2	5.5
ϕ630	1900	19	30	3.4	3.0
	2600	33	40	4.2	3.8
	3300	50	46	5.7	5.3
	4000	86	55	6.9	6.4
	4800	128	59	8.4	7.7
ϕ800	2800	30	41	3.9	3.6
	3600	56	48	4.8	4.3
	4400	65	55	6.3	5.7
	5200	93	59	7.6	6.5
	6000	136	63	9.5	8.3

※ 1.到达距离为末端风速在0.5m/s处测得。
2.表中供冷到达距离为45度送风角时的数值。
3.表中供暖到达距离为75度送风角时的数值。
4.如需改变送风距离，则可以用调节叶片角度的方式来得到。
（不同送风角度下的详细技术数据请咨询我司技术部）

※1.The reach distance is measured when the terminal air velocity is at 0.5m/s.
2.The cooling reach distance is defined when the air supply angle is 45 degrees.
3.The heating reach distance is defined when the air supply angle is 75 degrees.
4.Air supply distance can be changed by adjusting the angle of the leaf.
(Detailed technical data under different air supply angle can consult our technical department.)

YCY远程喷射风口 REMOTE INJECTION AIR OUTLET

■结构示意图
Structure scheme



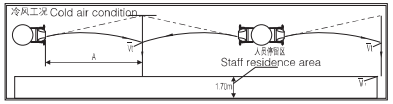
■材质：铝板、镀锌板
■特性：
1.YCY型远程喷射风口主要用于机场，会展中心、音乐厅、体育馆等高档次的大空间建筑中。
2.YCY型远程喷射风口的送风喷嘴为球形，卡在外壳中，配有铝制装饰圈和可直接为圆插接的圆形接管，喷嘴可在±30°范围内人工或电动调节。
3.喷嘴为中空双层结构，采用厚度2mm的铝板用模具拉伸成形，外层为球形，内层采用最佳空气动力学原理设计，具有射程远、噪音和阻力小、射程诱导比高，室内空气混合性好，工作区域温度均匀，以及在高温地区能避免风口表面结露等特点。
4.喷口表面颜色可根据室内装饰要求进行静电喷塑或烤漆。

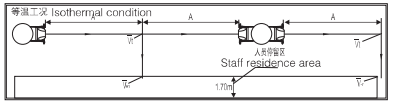
■Material:aluminum sheet, galvanized sheet
■Features:
1.YCY remote injection air outlet is mainly used in such high-grade large space buildings as airports, exhibition centers, concert halls and gymnasiums.
2.The nozzle for YCY remote injection air outlet is sphere and stuck in the shell. It is equipped with aluminium decoratalve ring and circular pipe.The nozzle can be adjusted between the spec of ±30by manual or power-driven.
3.The nozzle is a hollow double structure, which is stretched from 2mm aluminium sheet by mold. The outer layer is sphere and the inner layer is designed according to the principle of best areodynamics. It has such featuress as far reach, small noise and resistance, good room air, mixture, even temperature at working area and no condensation on the surface of the outlet at high-temperature area.
4.The color of the nozzle surface can be electrostatic spraied or painted according to interior decoration requirements.

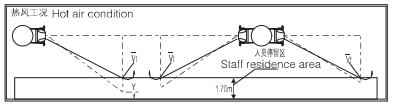
尺寸表 SIZE TABLE

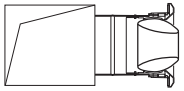
规 格 Specification	ϕD1	ϕD2	ϕD3	L	F	E
ϕ100	98	50	149	95	-3	15
ϕ125	123	64	169	98	7	15
ϕ160	158	82	203	120	8	18
ϕ200	198	108	257	142	14	19
ϕ250	248	136	302	158	22	20
ϕ315	313	174	380	193	27	20
ϕ400	397	230	470	211	49	24
ϕ500	495	300	574	210	90	24
ϕ630	625	380	735	290	110	28

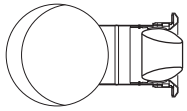
YCY远程喷射风口气流吹出状态(三种) 安装方式 REMOTE INJECTION AIR OUTLET AIR SUPPLY CONDITION (THREE TYPES) INSTALLATION

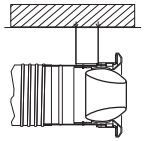







跨接方形管道
Bridge square pipe


跨接圆形管道
Bridge round pipe

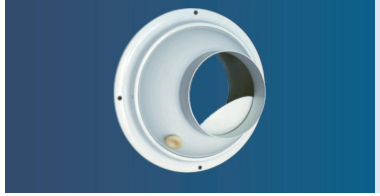

对接圆形管道
Dock round pipe

YCY远程喷射风口技术性能 REMOTE INJECTION AIR OUTLET TECHNICAL PERFORMANCE

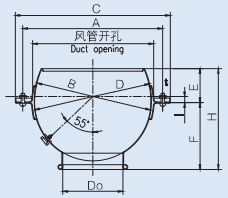
规格 specification	喉口风速(m/s) Throat velocity	1	2	3	4	5	6	7	8	9	10
ϕ100	风量(m^3/h) Air volume	27	54	81	109	136	163	190	217	244	272
	出口风速(m/s) Outlet velocity	4	8	11	15	19	23	27	31	35	38
	全压损失(pa) Total pressure loss	7	28	59	105	163	235	323	425	543	675
	射程(m) Range	2.5	3.6	4.6	6	6.6	7.5	8.8	10	11.4	12.4
	发生噪音dB(A) Noise	—	—	—	23	27	31	35	40	45	50
ϕ125	风量(m^3/h) Air volume	43	86	128	171	214	257	299	342	385	428
	出口风速(m/s) Outlet velocity	4	7	11	15	18	22	26	30	33	37
	全压损失(pa) Total pressure loss	7	28	59	105	163	235	323	425	543	675
	射程(m) Range	3.2	4	6	7.7	8	9.2	10.9	12.6	13.8	15.5
	发生噪音dB(A) Noise	—	—	—	24	29	33	37	43	48	55
ϕ160	风量(m^3/h) Air volume	71	141	212	282	353	423	494	565	635	706
	出口风速(m/s) Outlet velocity	4	7	11	15	18	22	26	30	33	37
	全压损失(pa) Total pressure loss	7	28	59	105	163	235	323	425	543	675
	射程(m) Range	4	5.1	7.6	9.9	10.8	11.8	13.9	16.1	17.7	19.9
	发生噪音dB(A) Noise	—	—	21	25	30	34	39	45	51	57
ϕ200	风量(m^3/h) Air volume	111	222	333	433	554	665	776	887	998	1108
	出口风速(m/s) Outlet velocity	4	8	12	16	20	24	29	33	37	41
	全压损失(pa) Total pressure loss	7	28	59	105	163	235	323	425	543	675
	射程(m) Range	4.2	6.8	9.1	11.3	12.7	14.1	17	19.1	21.2	24
	发生噪音dB(A) Noise	—	—	22	26	31	35	40	46	52	59
ϕ250	风量(m^3/h) Air volume	174	348	522	696	869	1043	1217	1391	1565	1739
	出口风速(m/s) Outlet velocity	3	7	10	13	17	20	23	27	30	33
	全压损失(pa) Total pressure loss	7	28	59	105	163	235	323	425	543	675
	射程(m) Range	5.1	8.5	11.5	14.2	16	17.8	20.5	24	26.7	29.3
	发生噪音dB(A) Noise	—	—	23	27	32	37	42	48	53	61
ϕ315	风量(m^3/h) Air volume	277	554	831	1108	1385	1662	1939	2216	2493	2770
	出口风速(m/s) Outlet velocity	3	6	10	13	16	19	23	26	29	32
	全压损失(pa) Total pressure loss	6	24	51	90	145	208	280	366	478	576
	射程(m) Range	5	8.5	13.4	16.4	18.7	21.1	25.5	28.9	32.2	35.5
	发生噪音dB(A) Noise	—	21	25	29	33	38	43	50	55	63
ϕ400	风量(m^3/h) Air volume	448	896	1344	1791	2239	2687	3135	3583	4031	4479
	出口风速(m/s) Outlet velocity	3	6	9	12	15	18	21	24	27	30
	全压损失(pa) Total pressure loss	6	24	51	90	145	208	280	366	478	576
	射程(m) Range	6.6	11.3	16	20	23.2	26.4	30.8	35.2	39.6	44
	发生噪音dB(A) Noise	—	23	28	33	36	41	45	52	58	66
ϕ500	风量(m^3/h) Air volume	700	1400	2100	2800	3500	4200	4900	5600	6300	7000
	出口风速(m/s) Outlet velocity	3	6	9	12	15	18	21	24	27	30
	全压损失(pa) Total pressure loss	6	25	55	95	150	218	300	380	495	605
	射程(m) Range	7.2	12	18.5	35	39	44	49	55	65	72
	发生噪音dB(A) Noise	21	24	29	34	39	44	50	56	62	70
ϕ630	风量(m^3/h) Air volume	1120	2240	3360	4480	5600	6720	–	–	–	–
	出口风速(m/s) Outlet velocity	3.5	7	10.5	14	17.5	21	–	–	–	–
	全压损失(pa) Total pressure loss	10	38	86	154	230	325	–	–	–	–
	射程(m) Range	15	24	31	37	45	50	–	–	–	–
	发生噪音dB(A) Noise	22	31	37	44	50	54	–	–	–	–

※ 射程以终端风速在 0.5 m/s 处测得。 The range is measured when the terminal air velocity is at 0.5m/s

YCL球型喷口 SPHERE NOZZLE



■结构示意图
Structure scheme



■材质：铝板
■特性：
1.YCL球型喷口适用于工厂、商场、船舶、厨房、健身房等场合的岗位送风。
2.采用最佳空气动力学原理设计的球型结构，具有阻力低、射程远、噪音低等特点。
3.外框固定后，球体任意方向均可调整气流吹出角度，最大旋转角度为45°。
4.出口颈部装有风量调节板，可随意调整送风量。
5.采用优质铝板旋压成形工艺，整体强度高、外形美观，表面可配合装饰要求进行阳极处理或静电喷塑。

■ Material:aluminum sheet
■ Features:
1.YCL sphere nozzle is used for air supply at such places like plants, markets, vessels, kitchens and gymnasiums.
2.The sphere structure is designed according to the principle of best areody namics and has such featuress as low resistance, far range, low noise.
3.After the frame is fixed, the sphere can adjust angle of air supply in any direction and the biggest angle of rotation is 45°
4.There's air volume adjustment panel at the neck of the outlet, which can adjust air volume randomly.
5.It is made by spinning forming process with high-quality alluminum plate and has high strength and beautiful outlook. Electrostatic spray and anode treatment can be applied to the surface according to the decorative requirement.

尺寸表 SIZE TABLE

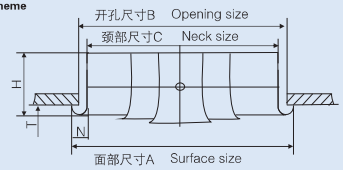
型号 Type	A	B	C	D	E	F	D0	H	I	t	风管开孔 Duct opening
1#	95	78	115	81	18	40	38	59	7	1	84
2#	120	103	140	107	26	50	50	77	8	1	110
3#	155	134	175	143	36	64	65	101	12	1.2	146
4#	180	150	200	162	40	75	75	116	12	1.2	165
5#	230	200	255	212	65	90	108	156	22	1.6	216
6#	300	264	325	276	75	130	140	206	22	1.6	280
7#	335	302	365	314	75	155	165	231	24	1.6	318
8#	335	302	420	314	103	160	190	264	24	1.6	318
9#	390	348	420	360	104	190	220	295	24	2.0	366
10#	515	470	535	483	148	220	266	369	30	2.0	486

性能表 PERFORMANCE TABLE

型号 Type		1#	2#	3#	4#	5#	6#	7#	8#	9#	10#
有效面效 Effective Area m^2		0.00113	0.00196	0.00322	0.00442	0.00916	0.0154	0.0214	0.0283	0.038	0.0555
风量 Airflow m^3/h	v=2m/s	8	14	24	32	66	111	154	204	274	400
	v=3m/s	12	21	36	48	99	166	231	306	410	600
	v=4m/s	16	28	48	64	132	221	308	408	546	800
	v=5m/s	20	35	60	80	165	276	385	510	682	1000
	v=6m/s	24	42	72	96	198	331	462	612	818	1200
	v=7m/s	28	49	84	112	231	386	539	714	954	1400

YCK圆环型可调式喷流风口 CIRCULAR ADJUSTABLE JET AIR OUTLET

■结构示意图
Structure scheme



■材质：铝板
■特性：
1.圆环型可调式喷流风口一般用于人员活动范围有较大距离的场合，如影剧院、会展中心、体育馆、工厂等。
2.采用最佳空气动力学原理设计的多层环型结构，具有阻力低、射程远、噪音低等特点。
3.外框固定后,内环叶片可根据冬夏季节不同的气流组织进行上下45°转动。
4.采用优质铝板旋压成形工艺，整体强度高、外形美观，表面可配合装饰要求进行静电喷塑。
5.可与YCS扇型风量调节开关配合使用，从正面即可方便调节风量。

■ Material:aluminum sheet
■ Features:
1.YCK circular adjustable jet air outlet is usually used in such places as theatres, exhibition centers, gymnasiums, plants and so on.
2.It is a multi-layer circular structure designed according to the principle of best areodynamics and has such featuress as low resistance,far range, low noise.
3.After the frame is fixed, the leaf inside can rotate 45° up and down according to different air flow in Winter and Summer.
4.It is made by spinning forming process with high-quality alluminum plate and has high strength and beautiful outlook. Electrostatic spray can be applied to the surface according to the decorative requirement.
5.It can be equipped with YCS sector air volume control switch and the air volume can be adjusted from the front side.

尺寸表 SIZE TABLE

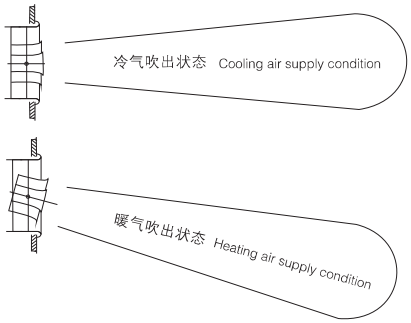
C	B	A	T	N	H
ϕ150	ϕ166	ϕ203	11	28	60
ϕ200	ϕ216	ϕ256	12	30	70
ϕ250	ϕ266	ϕ308	13	32	80
ϕ300	ϕ316	ϕ367	14	35	90
ϕ350	ϕ366	ϕ427	16	40	100
ϕ400	ϕ416	ϕ487	18	45	110
ϕ450	ϕ466	ϕ548	20	50	120

YCS扇形风量调节开关

SECTOR AIR VOLUME CONTROL SWITCH

■可加附件 Addible accessories

气流吹出状态 AIR SUPPLY CONDITION



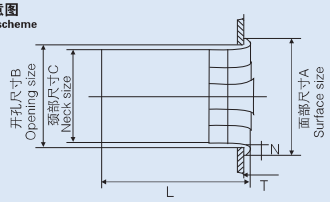
YCK圆环型可调式喷流风口技术性能 CIRCULAR ADJUSTABLE JET AIR OUTLET TECHNICAL PERFORMANCE

规格C specification (面积m^2) area	颈部风速 m/s Neck air velocity	2	3	4	5	6	7	8	10
	全压损失 Pa Total pressure loss	6	11	14	20	26	38	52	68
ϕ150 (0.0177)	风量CMH Air volume	127	159	191	223	255	288	318	382
	到达距离m Reach distance	2.5	3.9	5.3	6.6	8.0	9.3	10.7	14.8
	发生噪音dB(A) Noise	—	—	23	26	29	32	35	40
ϕ200 (0.0314)	风量CMH Air volume	226	283	339	396	452	508	565	678
	到达距离m Reach distance	3.6	5.4	7.2	9.0	10.7	12.7	14.3	20.0
	发生噪音dB(A) Noise	—	21	24	27	30	34	36	41
ϕ250 (0.0491)	风量CMH Air volume	353	442	530	619	707	795	884	1060
	到达距离m Reach distance	4.5	6.8	9.3	11.3	13.5	15.9	18.2	24.9
	发生噪音dB(A) Noise	—	22	25	28	31	35	38	43
ϕ300 (0.0707)	风量CMH Air volume	509	636	763	891	1018	1145	1273	1527
	到达距离m Reach distance	5.5	8.1	10.9	13.7	16.5	19.2	21.8	30.5
	发生噪音dB(A) Noise	—	23	26	29	33	36	39	44
ϕ350 (0.0962)	风量CMH Air volume	693	866	1039	1212	1385	1559	1732	2078
	到达距离m Reach distance	6.3	9.3	12.7	16.0	19.1	22.2	25.1	32
	发生噪音dB(A) Noise	21	24	28	32	35	39	42	47
ϕ400 (0.1257)	风量CMH Air volume	905	1131	1357	1583	1809	2036	2262	2715
	到达距离m Reach distance	7.2	11.2	15	18.9	22.8	26.6	30.5	38.2
	发生噪音dB(A) Noise	23	26	30	34	38	41	44	49
ϕ450 (0.159)	风量CMH Air volume	1145	1431	1718	2004	2290	2576	2863	3435
	到达距离m Reach distance	8.1	13.9	18.8	23.8	28.5	33.2	38	47
	发生噪音dB(A) Noise	25	28	32	36	40	43	46	52

※ 到达距离为风速在0.5m/s处测得。
※The reach distance is measured when the air velocity is at 0.5m/s.

YCK-P轴流喷口 AXIAL JET AIR OUTLET

■结构示意图
Structure scheme



■**材质**：铝板、钢板
■**特性**：
1.YCK-P型可调式轴流喷口是在YCK型的基础上增加了喷口筒体的长度，使喷出气流更远，适合于影剧院、会展中心、体育馆、工厂等高大空间的场合。
2.采用最佳空气动力学原理设计的多层环型结构，具有阻力低、射程远、噪音低等特点。
3.外框固定后,内环叶片可根据冬夏季节不同的气流组织进行上下45°转动。
4.采用优质铝板旋压成形工艺，整体强度高、外形美观，表面可配合装饰要求进行静电喷塑。
5.可与YCS扇型风量调节开关配合使用，从正面即可方便调节风量。

■**Material:**aluminum sheet, steel sheet
■**Features:**
1.YCK-P adjustable axial jet air outlet has increased the length of tube based on the YCK type which can inject further air. It is applied to such places with large space like museums, exhibition centers, gymnasiums, plants and so on.
2.It is a multi-layer circular structure designed according to the principle of best areodynamics and has such features as low resistance,far range,low noise.
3.After the frame is fixed, the leaf inside can rotate 45° up and down according to different air flow in Winter and Summer.
4.It is made by spinning forming process with high-quality alluminum plate and has high strength and beautiful outlook. Electrostatic spray can be applied to the surface according to the decorative requirement.
5.It can be equipped with YCS sector air volume control switch and the air volume can be adjusted from the front side.

尺寸表 SIZE TABLE

C	B	A	T	N	L
ϕ150	ϕ166	ϕ203	11	28	210
ϕ200	ϕ216	ϕ256	12	30	270
ϕ250	ϕ266	ϕ308	13	32	330
ϕ300	ϕ316	ϕ367	14	35	390
ϕ350	ϕ366	ϕ427	16	40	450
ϕ400	ϕ416	ϕ487	18	45	510
ϕ450	ϕ466	ϕ548	20	50	570

YCS扇形风量调节开关

SECTOR AIR VOLUME CONTROL SWITCH

■可加附件 Addible accessories

YCK-P轴流喷口技术性能 AXIAL JET AIR OUTLET TECHNICAL PERFORMANCE

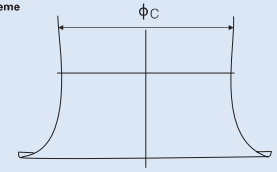
规格C specification (面积m^2) area	颈部风速 m/s Neck air velocity	2	3	4	5	6	7	8	10
	全压损失 Pa Total pressure loss	7	12	16	23	19	43	56	73
ϕ150 (0.0177)	风量CMH Air volume	127	159	191	223	255	288	318	382
	到达距离m Reach distance	2.9	4.3	5.7	7.1	8.5	9.9	11.3	15
	发生噪音dB(A) Noise	—	21	24	27	30	33	36	41
ϕ200 (0.0314)	风量CMH Air volume	226	283	339	396	452	508	565	678
	到达距离m Reach distance	3.9	5.8	7.7	9.6	11.3	13.4	15.3	20.2
	发生噪音dB(A) Noise	—	22	25	28	31	35	37	42
ϕ250 (0.0491)	风量CMH Air volume	353	442	530	619	707	795	884	1060
	到达距离m Reach distance	4.9	7.3	9.7	12.0	14.5	16.8	19.1	25.3
	发生噪音dB(A) Noise	—	23	26	29	32	36	39	44
ϕ300 (0.0707)	风量CMH Air volume	509	636	763	891	1018	1145	1273	1527
	到达距离m Reach distance	5.9	8.8	11.7	14.5	17.3	20.2	23	30.8
	发生噪音dB(A) Noise	21	24	27	30	34	37	40	45
ϕ350 (0.0962)	风量CMH Air volume	693	866	1039	1212	1385	1559	1732	2078
	到达距离m Reach distance	6.8	10.3	13.7	17.1	20.5	23.9	27	33.8
	发生噪音dB(A) Noise	22	25	29	33	36	40	43	48
ϕ400 (0.1257)	风量CMH Air volume	905	1131	1357	1583	1809	2036	2262	2715
	到达距离m Reach distance	7.8	11.8	15.7	19.6	23.5	27.3	31.3	39
	发生噪音dB(A) Noise	24	27	31	35	39	42	45	50
ϕ450 (0.159)	风量CMH Air volume	1145	1431	1718	2004	2290	2576	2863	3435
	到达距离m Reach distance	8.8	14.3	19.3	24.2	29.2	33.9	39.2	48
	发生噪音dB(A) Noise	26	29	33	37	41	44	47	53

※ 到达距离为风速在0.5m/s处测得。
※The reach distance is measured when the air velocity is at 0.5m/s.

气流吹出状态 AIR SUPPLY CONDITION

YCF喷流喷口 JET AIR OUTLET

■结构示意图
Structure scheme



■材质：铝板
■特性：
1.YCF型为单一风口框，一般应用在远距离吹出之场合。
2.适用于垂直面吹出，或从高度往下吹出。

■ **Material:** aluminum sheet
■ **Features:**
1.YCF type is single outlet frame which is used in remote air blowing places.
2.It is blown out from the vertical plane or from the higher space to the lower one.

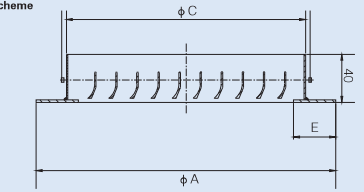
YCF喷流风口技术性能 JET AIR OUTLET TECHNICAL PERFORMANCE

规格C specification (面积m^2) area	颈部风速 m/s Neck air velocity	2	3	4	5	6	7	8	10
	全压损失 Pa Total pressure loss	3	6	10	15	19	25	32	43
ϕ150 (0.0177)	风量CMH Air volume	127	159	191	223	255	288	318	382
	到达距离m Reach distance	2.5	3.9	5.3	6.6	8.0	9.3	10.7	14.8
	发生噪音dB(A) Noise	—	—	—	23	26	29	32	35
ϕ200 (0.0314)	风量CMH Air volume	226	283	339	396	452	508	565	678
	到达距离m Reach distance	3.6	5.4	7.2	9.0	10.7	12.7	14.3	20.0
	发生噪音dB(A) Noise	—	—	21	24	27	30	34	37
ϕ250 (0.0491)	风量CMH Air volume	353	442	530	619	707	795	884	1060
	到达距离m Reach distance	4.5	6.8	9.3	11.3	13.5	15.9	18.2	24.9
	发生噪音dB(A) Noise	—	—	22	25	28	31	35	38
ϕ300 (0.0707)	风量CMH Air volume	509	636	763	891	1018	1145	1273	1527
	到达距离m Reach distance	5.5	8.1	10.9	13.7	16.5	19.2	21.8	30.5
	发生噪音dB(A) Noise	—	—	23	26	29	33	36	39
ϕ350 (0.0962)	风量CMH Air volume	693	866	1039	1212	1385	1559	1732	2078
	到达距离m Reach distance	6.3	9.3	12.7	16.0	19.1	22.2	25.1	32
	发生噪音dB(A) Noise	—	21	24	28	32	35	39	42
ϕ400 (0.1257)	风量CMH Air volume	905	1131	1357	1583	1809	2036	2262	2715
	到达距离m Reach distance	7.2	11.2	15	18.9	22.8	26.6	30.5	38.2
	发生噪音dB(A) Noise	21	23	26	30	34	38	41	44
ϕ450 (0.159)	风量CMH Air volume	1145	1431	1718	2004	2290	2576	2863	3435
	到达距离m Reach distance	8.1	13.9	18.8	23.8	28.5	33.2	38	47
	发生噪音dB(A) Noise	22	25	28	32	36	40	43	46

※ 到达距离为风速在0.5m/s处测得。
※ The reach distance is measured when the air velocity is at 0.5m/s.

YCD圆型斜片散流器 CIRCULAR OBLIQUE DIFFUSER

■结构示意图
Structure scheme



■材质：铝板、铝合金型材
■特性：
1.YCD型散流器为圆型外框线型叶片结构。
2.叶片倾斜24度，可做成单向和双向气流吹出模式。
3.叶片与外框为固定式结构，叶片之间采用铝合金圆管分隔，并用螺丝固定。
4.叶片为铝合金型材，外框采用优质铝板旋压成形工艺，整体强度高、外形美观.表面可配合装饰要求进行静电喷塑。
5.可与YCS扇型风量调节开关配合使用，从正面即可方便调节风量。

■ **Material:**aluminum sheet, aluminium alloy section
■ **Features:**
1.YCD diffuser is circular frame linear leaf structure.
2.When the leaf inclines 24°, it can have one-way and two-way air blowing mode.
3.The leaf and the frame are fixed structures. It uses aluminium round pipe to separate the leaves and fixed by the screw.
4.The leaf is aluminium alloy sections. The frame is made by spinning forming process with high-quality alluminum plate and has high strength and beautiful outlook. Electrostatic spray can be applied to the surface according to the decorative requirement.
5.It can be equipped with YCS sector air volume control switch and the air volume can be adjusted from the front side.

尺寸表 SIZE TABLE

规格 specification	ϕC	ϕA	E
ϕ150	ϕ148	ϕ198	35
ϕ200	ϕ198	ϕ248	35
ϕ250	ϕ248	ϕ298	35
ϕ300	ϕ298	ϕ358	40
ϕ350	ϕ348	ϕ408	40
ϕ400	ϕ398	ϕ458	40

YCS扇形风量调节开关

SECTOR AIR VOLUME CONTROL SWITCH

■可加附件 Addible accessories

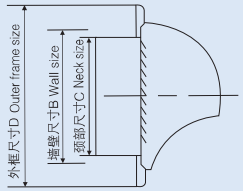
YCD圆型斜片散流器技术性能 CIRCULAR OBLIQUE DIFFUSER TECHNICAL PERFORMANCE

规格C specification (面积m^2) area	颈部风速 m/s Neck air velocity	2	3	4	5	6	7	8
	全压损失 Pa Total pressure loss	7	15	21	30	45	65	92
ϕ150 (0.0177)	风量CMH Air volume	127	159	191	223	255	288	318
	到达距离m Reach distance	2.2	3.3	4.2	5.3	6.4	7.5	8.6
	发生噪音dB(A) Noise	—	—	23	26	29	32	35
ϕ200 (0.0314)	风量CMH Air volume	226	283	339	396	452	508	565
	到达距离m Reach distance	3.1	4.5	5.8	7.2	8.6	10.2	11.5
	发生噪音dB(A) Noise	—	21	24	27	30	34	36
ϕ250 (0.0491)	风量CMH Air volume	353	442	530	619	707	795	884
	到达距离m Reach distance	3.8	5.6	7.5	9.0	11.9	12.7	14.6
	发生噪音dB(A) Noise	—	22	25	28	31	35	38
ϕ300 (0.0707)	风量CMH Air volume	509	636	763	891	1018	1145	1273
	到达距离m Reach distance	4.6	6.7	8.7	11.0	13.2	15.4	17.5
	发生噪音dB(A) Noise	—	23	26	29	33	36	39
ϕ350 (0.0962)	风量CMH Air volume	693	866	1039	1212	1385	1559	1732
	到达距离m Reach distance	5.2	7.8	10.2	12.8	15.3	17.8	20.1
	发生噪音dB(A) Noise	21	24	28	32	35	39	42
ϕ400 (0.1257)	风量CMH Air volume	905	1131	1357	1583	1809	2036	2262
	到达距离m Reach distance	5.9	10	12	15.1	18.3	21.3	24.5
	发生噪音dB(A) Noise	23	26	30	34	38	41	45

※ H指水平吹出状态，V指垂直吹出状态，到达距离为风速在0.5m/s处测得。
※ H means horizontal air supply codition, V means vertical air supply condition. The reach distance is measured when the air velocity is at 0.5m/s.

YCR圆型排气口 ROUND AIR VENT

■结构示意图
Structure scheme



■材质：不锈钢
■特性：
1.YCR圆型排气口适用于一般大楼外墙的排气，此型式的设计为针对大楼及住房的厨房，厕所的抽排烟风管末端衔接外墙部分使用，有美化外墙的作用。
2.圆型排气口内装有百叶片及不锈钢防虫网。
3.劲部附有三片弹簧倒勾片，在安装时不须螺丝固定，只要将圆型排气口推入孔内，以倒勾片卡住排气孔即可固定。
■规格尺寸：ϕ100 ϕ125 ϕ150

■Material: stainless steel
■Features:
1.YCR round air vent is used for air venting for exterior wall of general building.This type is designed for connecting the end of the air pipe for smoke extraction system of the kitchen as well as the toilet of the building to the exterior wall, which also beautifies the wall.
2.Inside the round air-vent, there's leaf patch and stainless steel insect-proof screen.
3.The neck of the air-vent attaches three spring hook plate. There's no need to fix it with the screw when assembling but only to push the round air-vent to the hole and fix it when the hook plate get stuck at the venting hole.
■Specification: ϕ100 ϕ125 ϕ150

YCR圆型排气口尺寸表 ROUND AIR VENT SIZE TABLE

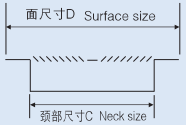
规格尺寸 Specification	颈部尺寸C Neck size	墙壁尺寸B Wall size	外框尺寸D Outer frame size
ϕ100	ϕ97	ϕ102	ϕ152
ϕ125	ϕ122	ϕ127	ϕ177
ϕ150	ϕ147	ϕ152	ϕ202

型号说明 TYPE DESCRIPTION

YCR – ϕ100
产品码 Product code　规格尺寸 Specification

YZY-C型座椅旋流风口 SEAT SWRIL DIFFUSER

■结构示意图
Structure scheme



■材质：镀锌钢板
■特性：
YZYF型座椅旋流风口适用于音乐厅、会议室、电影院、体育馆等场所，可以安装在阶梯垂直面或地板上，不会影响人员走动，最大送风温差±6℃。座椅旋流风口的送风方式有水平送风和扩散送风。
■表面处理：静电喷塑
■规格尺寸C: ϕ120, ϕ150

■Material:galvanized steel sheet
■Features:
YZY-C seat swirl diffuser is used in the music hall, conference room, cinema, gymnasium and so on, which can be assembled in vertical plane of the stairs or the ground. It won't affect people's movement.The air supplytemperature difference is ±60.There's two ways of air supply for seat outlet, one is horizontal air supply, another is diffusion air supply.
■Surface treatment:electrostatic spray
■Specifcation: ϕ120, ϕ150

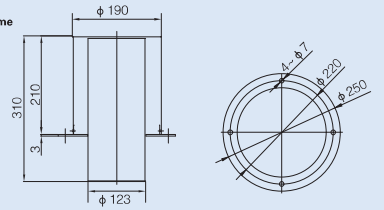
YZYF型座椅旋流风口技术性能表 SEAT SWIRL DIFFUSER SIZE TABLE

风量CMH Air volume	36	43	50
全压损失Pa Total pressure loss	6	10	13
到达距离m Reach distance	0.4	0.6	0.8
噪 声dB(A) Noise	<19	20	23

注：达到距离：是指吹出气流残风速为0.25m/s时吹出的距离。
※ Reach distance means the distance that air blows when the residul air velocity is at 0.25m/s.

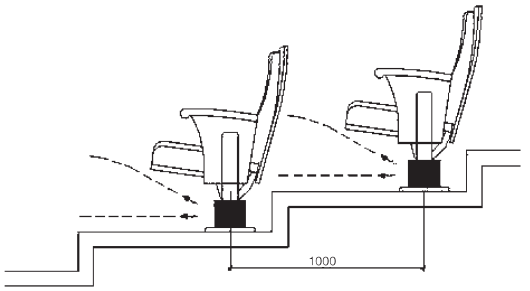
YZY-Z型座椅风柱 AIR SUPPLY PIPES

■结构示意图
Structure scheme



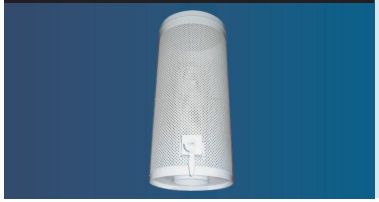
■材质：镀锌钢板
■特性：
座椅风柱适用于固定座椅的房间送风，比如音乐厅、会议室、电影院、体育馆等场所。可以和室内装潢配合，根据现场情况场合座椅选择不同颜色，它同时可以作为座椅的支撑，座椅可以直接安装在风柱上方，其特点是安装位置隐蔽，送风效果好。
■规格尺寸：ϕ190，可依设计制造
■表面处理：静电喷塑

■Materials:aluminum alloy sections
■Features:
Air supply pipes are applied to those rooms with seat installed, such as odeum ,meeting room, cinema,indoor stadium etc. They can be installed during interior finish. Many colors are availablefor different requirement on site. Because of installing in a concealed location and better effect of air supply, they are usually installed under seats as support.
■Specification: ϕ190，Size can be manufactured according to the design
■Surface treatment:Electrostatic spray,painting and anode treatment

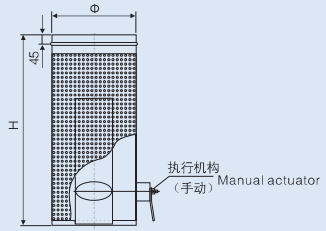


座椅送风示意图
Chair ventilation diagram

YZH-S手动置换风口 MANUAL AIR REPLACEMENT OUTLET



■结构示意图
Structure scheme

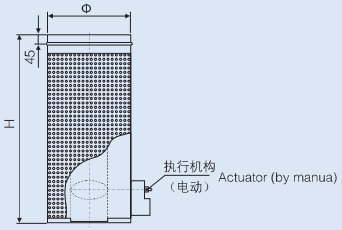


■**材质**：镀锌钢板
■**特性**：
1.YZH-S型手动置换风口一般适用于室内冷热负荷变化较大的场合，在这些场合里有时需送冷风，有时又需要等温送风或送热风。
2.YZH-S型手动置换风口是用手动调节内置蝶阀的位置来实现供冷或供热工况的转换。
■**规格尺寸**：ϕ250 ϕ300 ϕ355 ϕ400 ϕ450 ϕ500
■**可加附件**：VDR手动单叶蝶阀
■**表面处理**：静电喷塑

■**Material:**galvanized steel sheet
■**Features:**
1.YZH-S manual air replacement outlet is applied to those places where the cooling and heating load changes a lot. Sometimes it needs cold air supply while sometimes it needs isothermal or hot air supply in such places.
2.The transformation between cooling and heating of YZH-S manual air replacement outlet become operative through regulating the position of built-in valve manually.
■**Specification:** ϕ250 ϕ300 ϕ355 ϕ400 ϕ450 ϕ500
■**Addible accessories:**VDR manual single-leaf valve
■**Surface treatment:**electrostatic spray

YZH-D电动置换风口 ELECTRIC AIR REPLACEMENT OUTLET

■结构示意图
Structure scheme



■**材质**：镀锌钢板
■**特性**：
1.YZH-D型电动置换风口一般适用于室内冷热负荷变化较大的场合，在这些场合里有时需送冷风，有时又需要等温送风或送热风。
2.YZH-D型电动置换风口是用电动调节内置蝶阀的位置来实现供冷或供热工况的转换。
■**规格尺寸**：ϕ250 ϕ300 ϕ355 ϕ400 ϕ450 ϕ500
■**可加附件**：VDR手动单叶蝶阀
■**表面处理**：静电喷塑

■**Material:**galvanized steel sheet
■**Feature:**
1.YZH-D electric air replacement outlet is applied to those places where the cooling and heating load changes a lot. Sometimes it needs cold air supply while sometimes it needs isothermal or hot air supply in such places.
2.The transformation between cooling and heating of YZH-D electric air outletbecome operative through regulating the position of built-in valve electrically.
■**Specification:** ϕ250 ϕ300 ϕ355 ϕ400 ϕ450 ϕ500
■**Addible accessories:** VDR manual single-leaf valve
■**Surface treatment:**electrostatic spray

置换风口尺寸表 AIR REPLACEMENT OUTLET SIZE TABLE

规格 Specification	250	300	355	400	450	500
ΦD	ϕ248	ϕ298	ϕ353	ϕ398	ϕ448	ϕ498
H	900	900	900	900	900	900

型号说明 TYPE DESCRIPTION

YZH – S/D – 450 – VDR

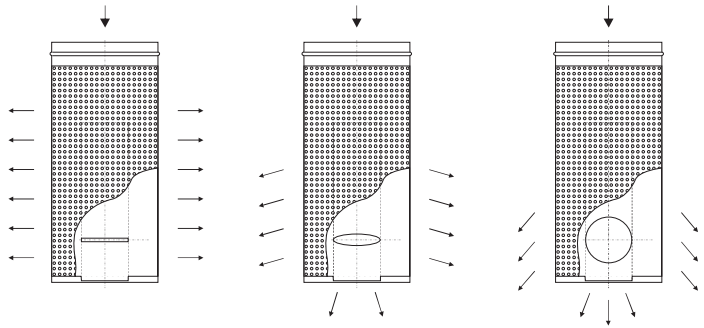
产品代号 Product code	手动/电动 By manual power-driven	规格 Specification	手动调节阀 Manual adjustable valve

置换风口技术性能 AIR REPLACEMENT OUTLET TECHNICAL PERFORMANCE

规格 Specification / 参数 Parameter	风量 Air volume m^3/h	阻力损失 Resistance loss Pa	最大送风深度 Max air supply depth m	噪音 Noise dB(A)
ϕ250	1500	37	4	32
	1650	42	4.3	33
	1800	44	4.8	34
	1950	46	5.3	35
	2050	49	5.7	36
	2150	51	6.1	38
ϕ300	2250	39	4.7	34
	2420	42	5.3	37
	2580	46	5.8	39
	2760	50	6.4	41
	2950	52	6.7	42
	3150	55	7.0	44
ϕ355	2750	37	4.9	37
	2900	42	5.5	40
	3200	45	5.9	42
	3300	47	6.6	44
	3450	49	6.8	46
	3550	54	7.2	47
ϕ400	3500	40	5.0	38
	3850	43	5.6	41
	4100	46	6.1	43
	4250	48	6.8	45
	4500	51	7.4	47
	4750	54	7.6	48
ϕ450	4500	42	5.2	39
	4900	46	5.8	42
	5200	48	6.4	44
	5400	54	6.8	46
	5650	65	7.2	48
	6000	73	7.6	49
ϕ500	5600	48	5.4	45
	6000	54	6.0	46
	6400	65	6.4	48
	6700	73	6.9	49
	7000	80	7.4	51
	7300	85	7.9	52

注：送风深度是指终端风速在0.25 m/s处的距离。
※ Air supply depth means the distance when the terminal air velocity is at 0.25m/s.

三种送风状态图 THREE TYPES OF AIR SUPPLY CONDITION CHART

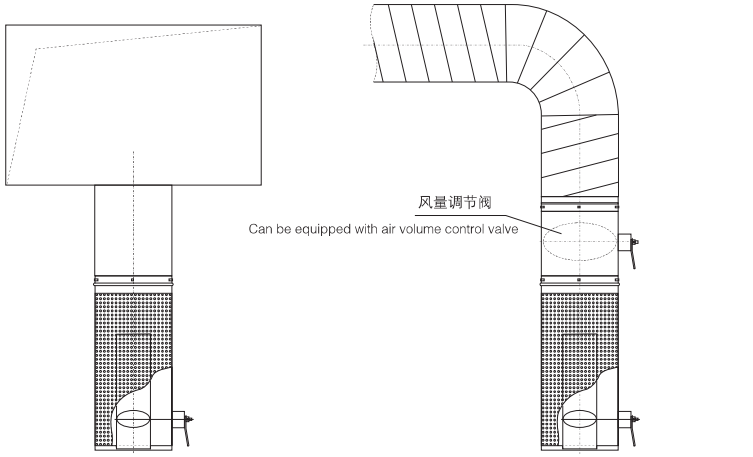


夏季送风
Air supply in summer

春秋季送风
Air supply in spring and autumn

冬季送风
Air supply in winter

安装方式 INSTALLTION

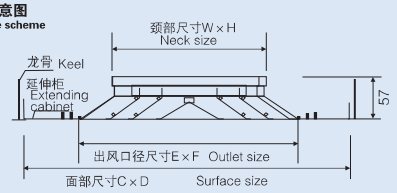


与矩型风管联接
（可配置风量调节阀）
Connect with rectangular air pipe
(can be equipped with air volume control valve)

与圆型螺旋风管联接
（配置风量调节阀）
Connect with circular spiral air pipe
(can be equipped with air volume control valve)

YDK宽边方型散流器 BROADSIDE SQUARE DIFFUSER

■结构示意图
Structure scheme



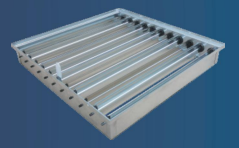
■**材质**：铝合金型材
■**特性**：
1.YDK 型是专门为配合标准龙骨架而设计的一种新款散流器，它是在YDA型的基础上增加了一个与龙骨天花板尺寸相同的延伸框,使风口与天花板成一体，省去了天花板开孔的施工步骤，也美化了装饰效果。
2.内锥叶片与外框为分离式结构，以便安装和调节风量。
3.吹出气流属贴附型(平送)，无须担心吹风感。
4.可做成1~4面吹之出风型式。
■ **规格尺寸**：(W×H)尺寸可依据设计制造
■ **可加附件**：颈部可与YS1风量调节开关配合使用
■ **表面处理**：静电喷塑、烤漆或阳极处理

■**Material:**aluminum alloy sections
■**Features:**
1.YDK type is a kind of new diffuser designed to fit standard keel frame. It has added an extending frame which has the same size as the keel ceiling based on the YDA type. It integrates the outlet with the ceiling, which saves opening holes on the ceiling and also beautifies the decoration.
2.Internal cone leaf and outer frame is a separate structure, which is easy to install and adjust air volume.
3.Air blowing is of attachment type and there's no need to worry about blowing feeling.
4.The air can be made to blow out from 1~4 side.
■**Specification:**(W×H)size can be manufactured according to the design
■**Addible accessories:**neck can be equipped with YS1 air volume control switch
■**Surface treatment:**Electrostatic spray, painting and anode treatment

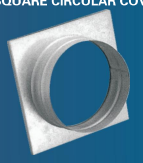
尺寸表 SIZE TABLE

W×H	E×F	C×D
200×200	269×269	595×595 603×603 配合龙骨天花板尺寸 Cooperate with the ceiling keel size
250×250	319×319	
300×300	369×369	
350×350	419×419	
400×400	469×469	
420×420	489×489	

YS1风量调节开关 AIR VOLUME CONTROL SWITCH



YS2方圆罩 SQUARE CIRCULAR COVER



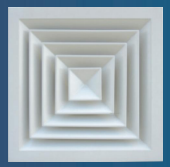
■可加附件 Addible accessories

YDK宽边散流器技术性能 BROADSIDE SQUARE DIFFUSER TECHNICAL PERFORMANCE

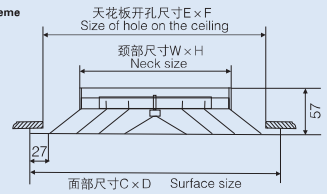
规 格W×H Specification (面积m^2) area	颈部风速 m/s Neck air velocity	2	2.5	3	3.5	4	4.5	5
	全压损失 Pa Total pressure loss	9.5	15.5	22	30	39	49.5	60
200×200 (0.04)	风量CMH Air volume	288	360	432	504	576	648	720
	到达距离m Reach distance	1.8	2.1	2.3	2.5	2.7	2.9	3.1
	NC	20	21	24	29	32	35	39
250×250 (0.0625)	风量CMH Air volume	450	563	675	788	900	1012	1125
	到达距离m Reach distance	2.2	2.6	3.0	3.2	3.3	3.5	3.8
	NC	21	22	24	30	33	37	40
300×300 (0.09)	风量CMH Air volume	648	810	972	1133	1296	1458	1620
	到达距离m Reach distance	2.9	3.2	3.6	3.8	4.0	4.2	4.5
	NC	22	23	27	31	34	38	41
350×350 (0.1225)	风量CMH Air volume	882	1103	1323	1543	1763	1985	2205
	到达距离m Reach distance	3.3	3.7	4.1	4.4	4.8	5.0	5.3
	NC	23	24	28	32	36	39	43
400×400 (0.16)	风量CMH Air volume	1152	1440	1728	2016	2303	2592	2880
	到达距离m Reach distance	3.8	4.2	4.7	5.0	5.4	5.7	6.2
	NC	24	26	30	34	37	41	45
420×420 (0.1764)	风量CMH Air volume	1270	1587	1905	2222	2540	2857	3175
	到达距离m Reach distance	4.2	4.6	5.2	5.6	5.9	6.3	6.6
	NC	24	26	31	36	38	42	46

※ 到达距离为风速在0.5m/s处测得。
※ The reach distance is measured when the air velocity is at 0.5m/s.

YDA方型散流器 SQUARE DIFFUSER



■结构示意图
Structure scheme



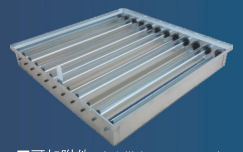
■材质：铝合金型材
■特性：
1.YDA型有多层锥型平行叶片组成，其吹出气流属贴附型(平送)，无须担心吹风感。
2.内锥叶片与外框为分离式结构，以便安装和调节风量。
3.可做成1~4面吹之出风型式。
■规格尺寸：(W×H) 尺寸可依据设计制造
■可加附件：颈部可与YS1风量调节开关配合使用
■表面处理：静电喷塑、烤漆或阳极处理

■Material:aluminum alloy sections
■Features:
1.YDA type is composed of multilayer cone paralelled leaves. The air blowing is of attachment type and there's no need to worry about blowing feeling.
2.Internal cone leaf and outer frame is a separate structure,which is easy to install and adjust air volume.
3.The air can be made to blow out from 1~4 side.
■Specification:(W×H)size can be manufactured according to the design
■Addible accessories:neck can be equipped with YS1 air volume control switch
■Surface treatment:Electrostatic spray, painting and anode treatment

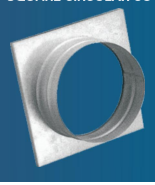
尺寸表 SIZE TABLE

W×H	E×F	C×D
200×200	272×272	323×323
250×250	322×322	373×373
300×300	372×372	423×423
350×350	422×422	473×473
400×400	472×472	523×523
450×450	522×522	573×573
500×500	572×572	623×623
550×550	622×622	673×673
600×600	672×672	723×723

YS1风量调节开关 AIR VOLUME CONTROL SWITCH



YS2方圆罩 SQUARE CIRCULAR COVER



■可加附件 Addible accessories

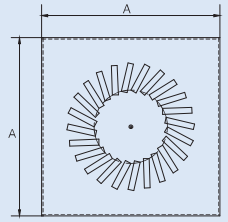
YDA方型散流器技术性能 SQUARE DIFFUSER TECHNICAL PERFORMANCE

规格W×H Specification (面积m^2) area	颈部风速 m/s Neck air velocity	2	2.5	3	3.5	4	4.5	5
	全压损失 Pa Total pressure loss	9.5	15.5	22	30	39	49.5	60
200×200 (0.04)	风量CMH Air volume	288	360	432	504	576	648	720
	到达距离m Reach distance	1.8	2.1	2.3	2.5	2.7	2.9	3.1
	NC	20	21	24	29	32	35	39
250×250 (0.0625)	风量CMH Air volume	450	563	675	788	900	1012	1125
	到达距离m Reach distance	2.2	2.6	3.0	3.2	3.3	3.5	3.8
	NC	21	22	24	30	33	37	40
300×300 (0.09)	风量CMH Air volume	648	810	972	1133	1296	1458	1620
	到达距离m Reach distance	2.9	3.2	3.6	3.8	4.0	4.2	4.5
	NC	22	23	27	31	34	38	41
350×350 (0.1225)	风量CMH Air volume	882	1103	1323	1543	1763	1985	2205
	到达距离m Reach distance	3.3	3.7	4.1	4.4	4.8	5.0	5.3
	NC	23	24	28	32	36	39	43
400×400 (0.16)	风量CMH Air volume	1152	1440	1728	2016	2303	2592	2880
	到达距离m Reach distance	3.8	4.2	4.7	5.0	5.4	5.7	6.2
	NC	24	26	30	34	37	41	45
450×450 (0.2025)	风量CMH Air volume	1458	1823	2187	2555	2916	3280	3645
	到达距离m Reach distance	4.3	4.9	5.4	5.9	6.2	6.6	6.9
	NC	24	26	32	36	38	42	46
500×500 (0.25)	风量CMH Air volume	1800	2250	2700	3150	3600	4050	4500
	到达距离m Reach distance	4.6	5.4	6.0	6.4	6.8	7.2	7.6
	NC	25	27	32	36	39	42	47
550×550 (0.3025)	风量CMH Air volume	2178	2723	3267	3810	4356	4900	5445
	到达距离m Reach distance	5.2	5.8	6.5	7.0	7.5	8	8.4
	NC	25	28	33	37	40	43	48
600×600 (0.36)	风量CMH Air volume	2592	3240	3888	4536	5183	5832	6480
	到达距离m Reach distance	5.8	6.6	7.2	7.6	8.3	8.8	9.3
	NC	26	29	34	38	41	44	49

※ 到达距离为风速在0.5m/s处测得。 ※The reach distance is measured when the air velocity is at 0.5m/s.

YXL-F旋流风口 SWIRL DIFFUSER

■结构示意图
Structure scheme



■材质：镀锌钢板
■特性：
1. YXL-F系列平板旋流风口由固定式径向排列的导流片组成，它具有风量大，噪声低的特点，出风形式为水平旋流出风，与室内空气迅速混合，因而其温度和风速可迅下降，达到最佳的室内舒适效果。
■规格尺寸：尺寸可依据设计制造
■可加附件：颈部可与JY-1静压箱、VDR风量调节阀配合使用
■表面处理：静电喷塑、烤漆

■Material: galvanized steel sheet
■Features:
1.YXL-F plane swirl diffuser is composed of stationary radial alignmented deflectors. It has large air volume, low noise. It is horizontal and swirl air blowingand mix with the room air rapidly.Therefore, the temperature and wind speed can be decreased very fast to reach the best comfort.
■Specification:size can be manufactured according to the design
■Addible accessories:neck can be equipped with JY-1 plenum chamber and vdr air volume adjustment valve
■Surface treatment:Electrostatic spray and painting

YXL-F旋流风口技术性能 SWIRL DIFFUSER TECHNICAL PERFORMANCE

规格 Specification (A)	有效面积 Effective area (m^2)	风口面风速 Tuyere line velocity (m/s)	风量 Air volume (m^3/h)	全压损失 Total pressure loss (Pa)	射程 Range (m)	扩散半径 Diffusion radius (m)	噪音 Noise dB(A)
300 X8	0.0104	2.50	92	7.0	0.8	0.7	<20
		3.50	130	13	1.0	0.9	<20
		4.50	170	19	1.2	1.1	28
		5.50	205	29	1.4	1.3	32
		6.50	240	40	1.6	1.6	38
		7.50	280	54	1.8	1.8	43
		8.50	325	66	2.0	2.1	46
		9.50	360	79	2.3	2.5	49
400 X16	0.0233	2.50	210	11	1.0	0.9	<20
		3.50	290	15	1.4	1.4	29
		4.50	380	29	1.8	1.7	36
		5.50	460	40	2.2	2.1	42
		6.50	545	61	2.5	2.5	46
		7.50	628	85	2.8	2.8	51
500 X24	0.0414	2.50	370	12	1.3	1.4	29
		3.50	520	24	1.8	1.9	39
		4.50	670	41	2.5	2.6	46
		5.50	820	62	3.1	3.0	51
		6.50	970	82	3.8	3.9	54
600 X24 X48	0.0647	2.50	580	13	1.9	1.8	32
		3.50	810	27	2.3	2.7	42
		4.50	1040	46	2.7	3.6	47
		5.50	1280	64	3.2	4.4	51
		6.50	1510	86	3.7	5.0	55

射程距离：
指吹出气流残风速0.25m/s时位置到吹出降下的距离，如末端残风速为0.5m/s时，射程在原基础上降低40%。

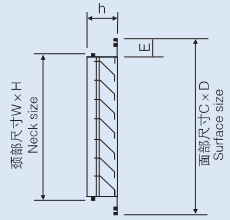
Range distance:
It means the distance from the position when the residul velocity of airflow is at 0.25m/s to the position it blows to the ground. If the residul velocity is at 0.5m/s, the range distance will be reduced by 40%.

扩散半径：
指风口中心到末端残风速0.25m/s时的水平距离。扩散半径的参数是在吊顶标高3.0米往下1.2米处获得。

Diffusion radius:
It means the horizontal distance from the center of the outlet to the distance when the terminal residul velocity is at 0.25m/s. The parameter is recorded at 1.2m down when the ceiling is 3m.

YRJ百叶回风口 RETURN AIR LOUVER OUTLET

■结构示意图
Structure scheme



■材质：铝合金型材
■特性：
1.YRJ百叶回风口适合于一般办公室及宾馆等的回风场合，叶片为固定式。
■规格尺寸：(W×H)尺寸可依据设计制作制造
■表面处理：静电喷塑、烤漆或阳极处理
■可加附件：YR2尼龙过滤网、YR3铝合金过滤网
※外框边宽尺寸E有二种：23mm、32mm
当E=23时、h=40、面尺寸=颈尺寸+37
当E=32时、h=50、面尺寸=颈尺寸+54

■ **Material:**aluminum alloy sections
■ **Features:**
1.YRJ return air louver outlet is used in such places as offices and hotels. The leaf is fixed.
■ **Specification:**(W×H) size can be manufa ctured according to the design
■ **Surface treatment:**Electrostatic spray, painting and anode treatment
■ **Addible accessories:**YR2 nylon filter and YR3 aluminium filter
※There's two sizes for E of the outer frame: 23mm, 32mm
When E=23, h=40, surface size = neck size +37
When E=32, h=50, surface size = neck size +54

YRJ百叶回风口性能表 RETURN AIR LOUVER OUTLET TECHNICAL PERFORMANCE

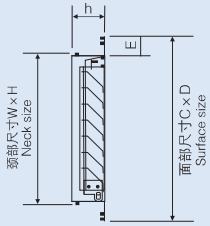
面积 Area m^2	颈部尺寸 (W×H) Neck size mm	风速M/S Air velocity	2	2.5	3	3.5	4	5	6
		动压(mmAq) Dynamic pressure	0.25	0.4	0.55	0.75	1.0	1.55	2.2
		静压损失(mmAq) static pressure loss	0.9	1.5	2.2	3.1	4.1	6.5	9.3
0.025	250×100	风量(CMH) Aire volume	180	225	270	315	360	450	540
	200×125	NC	–	11	17	23	30	37	42
0.03	300×100	风量(CMH) Aire volume	216	270	324	378	432	540	648
	200×150	NC	–	12	18	25	32	39	44
0.04	400×100	风量(CMH) Aire volume	288	360	432	504	576	720	864
	250×150	NC	–	15	23	29	34	42	46
0.045	350×125	风量(CMH) Aire volume	324	405	486	567	648	810	972
	300×150	NC	–	15	23	29	34	42	46
0.05	350×150	风量(CMH) Aire volume	360	450	540	630	720	900	1080
	250×200	NC	–	15	23	29	34	42	46
0.06	600×100	风量(CMH) Aire volume	432	540	648	756	864	1080	1296
	400×150	NC	–	17	24	31	36	44	48
0.075	600×125 350×200	风量(CMH) Aire volume	540	675	810	945	1080	1350	1620
	500×150 300×250	NC	–	18	25	31	36	44	50
0.09	700×125 400×200	风量(CMH) Aire volume	648	810	972	1134	1296	1620	1944
	550×150 350×250	NC	–	19	27	34	38	45	51
0.1	750×125 450×200	风量(CMH) Aire volume	720	900	1080	1260	1440	1800	2160
	650×150 400×250	NC	11	20	27	34	39	46	52
0.12	900×125 450×250	风量(CMH) Aire volume	864	1080	1296	1512	1728	2160	2592
	650×150 350×300	NC	12	22	29	35	41	48	54
0.128	850×150 500×250	风量(CMH) Aire volume	922	1152	1382	1612	1843	2304	2765
	600×200 400×300	NC	13	23	29	35	42	48	55
0.135	1200×125 450×300	风量(CMH) Aire volume	972	1215	1458	1700	1944	2430	2916
	900×150 400×350	NC	13	23	29	35	42	48	55
0.18	900×200 600×300	风量(CMH) Aire volume	1296	1620	1944	2268	2592	3240	3888
	750×250 450×400	NC	14	23	30	36	42	49	56
0.27	750×350 600×450	风量(CMH) Aire volume	1944	2430	2915	3402	3888	4860	5832
	650×400 550×500	NC	14	23	30	36	42	50	57
0.36	1200×300 750×450	风量(CMH) Aire volume	2592	3240	3888	4536	5184	6480	7776
	900×400 600×600	NC	15	25	31	38	44	51	59

■NC值以室内吸收衰减量10dB又10^{-12}瓦特为基准
■NC值栏［—］表示NC在10以下

■ NC value is based on the value of the indoor absorption attenuation to be 10dB and 10^{-12}watt.
■ ［－］means that NC value is below 10.

YRK可开式百叶回风口 OPEN RETURN AIR LOUVER OUTLET

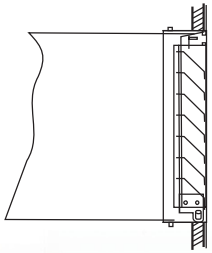
■结构示意图
Structure scheme

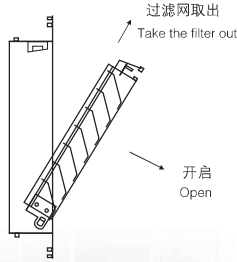


■材质：铝合金型材
■特性：
1.YRK 可开式百叶回风口是在YRJ百叶回风口的基础上增加了一个内边框，整个风口呈活门型式，有利于安装和过滤网的配套使用，常用于客房、大厅的回风。
2.用手轻拨活门上两边门栓，活门即可打开、抽出过滤网洗清， 关闭时，只要将活门推上，两边弹簧门栓即可自动上锁，外表平整如一。
■规格尺寸：(W×H)尺寸可依据设计制造
■表面处理：静电喷塑、烤漆或阳极处理
■可加附件：YR2尼龙过滤网、YR3铝合金过滤网
※外框边宽尺寸E有二种：23mm、32mm
当E=23时、h=40、面尺寸=颈尺寸+37
当E=32时、h=50、面尺寸=颈尺寸+54

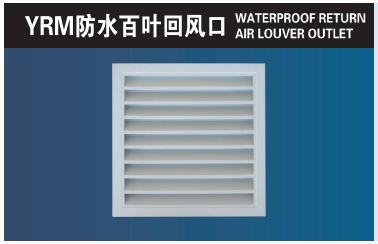
■ **Material:**aluminum alloy sections
■ **Features:**
1.YRK open return air louver outle Thas increased an internal frame based on YRJ return air louver.The whole air outlet is of valve type, which is easy to install and equip with filter .It is widely used for air return in guest rooms and lobies of the hotel.
2.The valve can be opened easily when you move the bolt on both sides and then take the filter out and clean it.The spring bolt on both sides can be locked automatically if you push the valve. The outer surface looks very even.
■ **Specification:**(W×H) size can be manufactured according to the design
■ **Surface treatment:**Electrostatic spray, painting and anode treatment
■ **Addible accessories:**YR2 nylon filter and YR3 aluminium filter
※There's two sizes for E of the outer frame: 23mm, 32mm
When E=23, h=40, surface size = neck size +37
When E=32, h=50, surface size = neck size +54

YRK安装方式之一 ONE OF THE WAY TO INSTALL YRK　YRK+YR2尼龙过滤网 NYLON FILTER

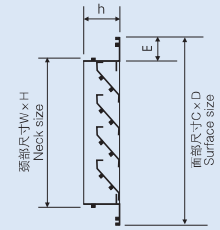




YRM防水百叶回风口 WATERPROOF RETURN AIR LOUVER OUTLET



■结构示意图
Structure scheme



■**材质**：铝合金型材
■**特性**：
1.YRM防水百叶回风口其叶片设计有防水功能，尤其适合安装在外墙及地下室机房的回风系统上，叶片为固定式。
■**规格尺寸**(W × H)尺寸可依据设计制造
■**表面处理**：静电喷塑、烤漆或阳极处理
■**可加附件**：YR2尼龙过滤网、YR3铝合金过滤网
※外框边宽尺寸E有二种：23mm、32mm
当E=23时、h=40、面尺寸=颈尺寸+37
当E=32时、h=50、面尺寸=颈尺寸+54

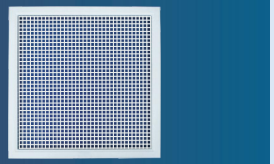
■ **Material:** aluminum alloy sections
■ **Features:**
1.The leaf for YRM waterproof return air louver outlet is designed to be waterproof,which can be installed on outer wall or return air systemof the basement room. The leaf is of fixed type.
■ **Specification:** (W × H) size can be manufactured according to the design
■ **Surface treatment:** Electrostatic spray, painting and anode treatment
■ **Addible accessories:** YR2 nylon filter and YR3 aluminium filter
※There's two sizes for E of the outer frame: 23mm, 32mm
When E=23, h=40, surface size = neck size +37
When E=32, h=50, surface size = neck size +54

YRM防水百叶回风性能表 WATERPROOF RETURN AIR LOUVER OUTLET TECHNICAL PERFORMANCE

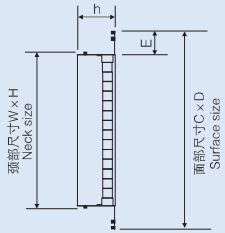
面积 Area m^2	颈部尺寸(W × H) Neck size mm	风速M/S Air velocity	2	2.5	3	3.5	4	5	6
		动压(mmAq) Dynamic pressure	0.25	0.4	0.55	0.75	1.0	1.55	2.2
		静压损失(mmAq) static pressure loss	2.6	4.0	5.7	7.0	8.2	9.6	13.5
0.025	250 × 100	风量CMH Aire volume	180	225	270	315	360	450	540
	200 × 125	NC	18	24	26	30	33	38	44
0.03	300 × 100	风量CMH Air volume	216	270	324	378	432	540	648
	200 × 150	NC	20	26	29	33	36	41	47
0.04	400 × 100	风量CMH Air volume	288	360	432	504	576	720	864
	250 × 150	NC	22	28	31	35	38	43	49
0.045	350 × 125	风量CMH Air volume	324	405	486	567	648	810	972
	300 × 150	NC	23	29	32	36	39	44	50
0.05	350 × 150	风量CMH Air volume	360	450	540	630	720	900	1080
	250 × 200	NC	24	30	33	37	40	45	51
0.06	600 × 100	风量CMH Air volume	432	540	648	756	864	1080	1296
	400 × 150	NC	25	31	34	38	41	46	52
0.075	600 × 125 350 × 200	风量CMH Air volume	540	675	810	945	1080	1350	1620
	500 × 150 300 × 250	NC	26	32	35	39	42	47	53
0.09	700 × 125 400 × 200	风量CMH Air volume	648	810	972	1134	1296	1620	1944
	550 × 150 350 × 250	NC	27	33	36	40	43	48	54
0.1	750 × 125 450 × 200	风量CMH Air volume	720	900	1080	1260	1440	1800	2160
	650 × 150 400 × 250	NC	28	34	37	41	44	49	55
0.12	900 × 125 450 × 250	风量CMH Air volume	864	1080	1296	1512	1728	2160	2592
	650 × 150 350 × 300	NC	29	35	38	42	45	50	56
0.128	850 × 150 500 × 250	风量CMH Air volume	922	1152	1382	1612	1843	2304	2756
	600 × 200 400 × 300	NC	29	35	39	43	46	51	57
0.135	1200 × 125 450 × 300	风量CMH Air volume	972	1215	1458	1700	1944	2430	2916
	900 × 150 400 × 350	NC	30	36	40	44	47	52	58
0.18	900 × 200 600 × 300	风量CMH Air volume	1296	1620	1944	2268	2592	3240	3888
	750 × 250 450 × 400	NC	31	37	41	45	48	53	59
0.27	750 × 350 600 × 450	风量CMH Air volume	1944	2430	2915	3402	3888	4860	5832
	650 × 400 550 × 500	NC	33	40	45	48	52	57	62
0.36	1200 × 300 750 × 450	风量CMH Air volume	2592	3240	3888	4536	5184	6480	7776
	900 × 400 600 × 600	NC	37	42	47	51	56	61	67

■NC值以室内吸收衰减量10dB又10^{-12}瓦特为基准 ■ NC value is based on the value of the indoor absorption attenuation to be 10dB and 10^{-12} watt.

YRG蛋格式回风口 EGG FORMAT RETURN AIR OUTLET



■结构示意图
Structure scheme

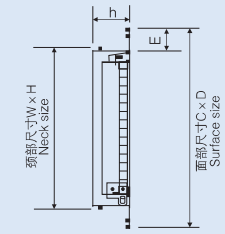


■**材质**：铝合金型材
■**特性**：
1.YRG 蛋格式回风口适用于空调工程系统作回风用，一般安装于天花板上。
2.回风有效面积大，回风效果佳。 3.叶片为固定式，叶片间距13 × 13。
4.YRG蛋格式回风口也作出风口用。
■**规格尺寸**：(W × H)尺寸可依据设计制造
■**表面处理**：静电喷塑、烤漆或阳极处理
■**可加附件**：YS1风量调节开关、YR2尼龙过滤网、YR3铝合金过滤网
※外框边宽尺寸E有二种：23mm、32mm
当E=23时、h=40、面尺寸=颈尺寸+37
当E=32时、h=50、面尺寸=颈尺寸+54

■ **Material:**aluminum alloy sections
■ **Features:**
1.YRG egg format return air outlet is used for air return about air conditioning system, which is installed on the ceiling.
2.It has bigger effective area and better result for air return.
3.The leaf is fixed and the distance between them is 13 × 13.
4.YRG egg format return air outlet is also used for air outlet.
■ **Specification:**(W × H) size can be manufactured according to the design
■ **Surface treatment:**Electrostatic spray, painting and anode treatment
■ **Addible accessories:**YR2 nylon filter and YR3 aluminium filter
※There's two sizes for E of the outer frame: 23mm, 32mm
When E=23, h=40, surface size = neck size +37
When E=32, h=50, surface size = neck size +54

YRGK蛋格式可开回风口 EGG FORMAT OPEN RETURN AIR OUTLET

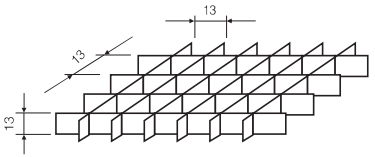
■结构示意图
Structure scheme

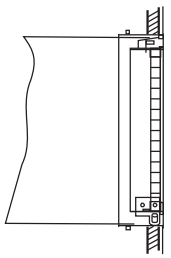


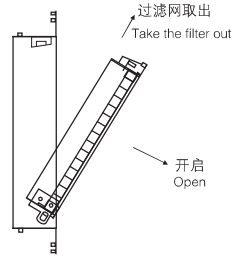
■**材质**：铝合金型材
■**特性**：
1.YRGK 蛋格可开式回风口是在YRG蛋格回风口的基础上增加了一个内边框，整个风口呈活门型式，有利于安装和过滤网的配套使用，常用于客房、大厅的回风。
2.用手轻拨活门上两边门栓，活门即可打开、抽出过滤网洗清，关闭时，只要将活门推上，两边弹簧门栓即可自动上锁，外表平整如一。
■**规格尺寸**：(W × H)尺寸可依据设计制造
■**表面处理**：静电喷塑、烤漆或阳极处理
■**可加附件**：YR2尼龙过滤网、YR3铝合金过滤网
※外框边宽尺寸E有二种：23mm、32mm
当E=23时、h=40、面尺寸=颈尺寸+37 当E=32时、h=50、面尺寸=颈尺寸+54

■ **Material:**aluminum alloy sections
■ **Features:**
1.YRGK egg format open return air outlet has increased an internal frame based on YRG egg format return air outlet. The whole air outlet is of valve type, which is easy to install and equip with filter. It is widely used for air return in guest rooms and lobies of the hotel.
2.The valve can be opened easily when you move the bolt on both sides and then take the filter out and clean it. The spring bolt on both sides can be locked automatically if you push the valve.The outer surface looks very even.
■ **Specification:**(W × H) size can be manufactured according to the design
■ **Surface treatment:**Electrostatic spray, painting and anode treatment
■ **Addible accessories:**YR2 nylon filter and YR3 aluminium filter
※here's two sizes for E of the outer frame: 23mm, 32mm
When E=23, h=40, surface size = neck size +37
When E=32, h=50, surface size = neck size +54

叶片形式 LEAF TYPE　YRGK安装方式之一 ONE OF THE WAY TO INSTALL　YRGK+YR2尼龙过滤网 NYLON FILTER







YRG蛋格式回风口 EGG FORMAT RETURN AIR OUTLET

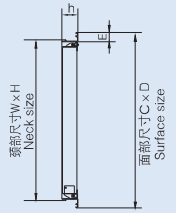
面积 Area m^2	颈部尺寸 (W×H) Neck size mm		风速M/S Air velocity	2	2.5	3	3.5	4	5	6
			动压(mmAq) Dynamic pressure	0.25	0.4	0.55	0.75	1.0	1.55	2.2
			静压损失(mmAq) Aire volume	0.7	1.1	1.5	2.1	2.7	4.2	6.1
0.025	250×100		风量CMH Aire volume	180	225	270	315	360	450	540
	200×125		NC	28	31	33	34	36	38	39
0.03	300×100		风量CMH Air volume	216	270	324	378	432	540	648
	200×150		NC	38	31	33	34	36	38	39
0.04	400×100		风量CMH Air volume	288	360	432	504	576	720	864
	250×150		NC	28	31	33	34	35	38	39
0.045	350×125		风量CMH Air volume	324	405	486	567	648	810	972
	300×150		NC	28	30	32	34	35	37	39
0.05	350×150		风量CMH Air volume	360	450	540	630	720	900	1080
	250×200		NC	27	30	31	33	34	36	38
0.06	600×100		风量CMH Air volume	432	540	648	756	864	1080	1296
	400×150		NC	27	29	31	33	34	36	38
0.075	600×125	350×200	风量CMH Air volume	540	675	810	945	1080	1350	1620
	500×150	300×250	NC	26	29	30	32	33	35	37
0.09	700×125	400×200	风量CMH Air volume	648	810	972	1134	1296	1620	1944
	550×150	350×250	NC	26	28	30	32	33	35	37
0.1	750×125	450×200	风量CMH Air volume	720	900	1080	1260	1440	1800	2160
	650×150	400×250	NC	26	28	30	32	32	35	36
0.12	900×125	450×250	风量CMH Air volume	864	1080	1296	1512	1728	2160	2592
	650×150	350×300	NC	25	28	29	31	32	35	36
0.128	850×150	500×250	风量CMH Air volume	922	1152	1382	1612	1843	2304	2765
	600×200	400×300	NC	25	28	29	30	32	34	36
0.135	1200×125	450×300	风量CMH Air volume	972	1215	1458	1700	1944	2430	2916
	900×150	400×350	NC	25	27	28	30	31	33	35
0.18	900×200	600×300	风量CMH Air volume	1296	1620	1944	2268	2592	3240	3888
	750×250	450×400	NC	24	26	28	29	31	33	35
0.27	750×350	600×450	风量CMH Air volume	1944	2430	2915	3402	3888	4860	5832
	650×400	550×500	NC	23	25	27	28	30	32	34
0.36	1200×300	750×450	风量CMH Air volume	2592	3240	3888	4536	5184	6480	7776
	900×400	600×600	NC	22	24	26	27	29	31	33

■NC值以室内吸收衰减量10dB又10^{-12}瓦特为基准
■依据A.D.C.标准测试

■ NC value is based on the value of the indoor absorption attenuation to be 10dB and 10^{-12} watt.
■ It is tested according to A.D.C standard.

YJX铝合金检修口 ALUMINIUM ALLOY ACCESS DOOR

■结构示意图 Structure scheme

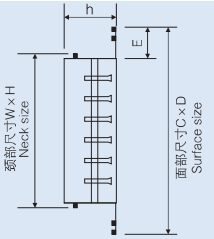


■**材质**：铝合金型材
■**特性**：
1.YJX 铝合金检修口由内外两个框组成，其内框呈活门形式，通常安装在天花板上，作吊顶内设备检修时的出入口。
■**规格尺寸**：(W×H)400×400 450×450 500×500 550×550 600×600
■**表面处理**：静电喷塑、烤漆或阳极处理
※外框边宽尺寸E有二种：23mm、32mm
当E=23时、h=40、面尺寸=颈尺寸+37
当E=32时、h=50、面尺寸=颈尺寸+54

■ **Material:**aluminum alloy sections
■ **Features:**
1.YJX aluminium alloy access door is composed of inner and outer frames. The internal frame is valve type,which isusually installed on the ceiling as the access door when the equipment in the ceiling needs to check.
■ **Specification:**(W×H)400×400 450×450 500×500 550×550 600×600
■ **Surface treatment:**Electrostatic spray, painting and anode treatment
※There's two sizes for E of the outer frame: 23mm, 32mm
When E=23, h=40, surface size = neck size +37
When E=32, h=50, surface size = neck size +54

YRA扁叶散流器 FLAT LEAF DIFFUSER

■结构示意图 Structure scheme

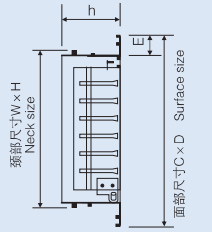


■**材质**：铝合金型材
■**特性**：
1.YRA 型突出了线形设计的特点，可用于大厅环形分布的出风口和回风口。
2.YRA型叶片为固定式，最长为3米，超过时可采用拼接方式。
■**规格尺寸**：（W×H）尺寸可依据设计制造
■**可加附件**：YS1风量调节开关、YR2尼龙过滤网。
■**表面处理**：静电喷塑、烤漆
※外框边宽尺寸E有二种：23mm、32mm
当E=23时、h=40、面尺寸=颈尺寸+37
当E=32时、h=50、面尺寸=颈尺寸+54
※最大长度为3米，超过时，可以把两节或多节拼起来使用。

■ **Material:**aluminum alloy sections
■ **Features:**
1.YRA type has the outstanding features of linear design,which is used for circular distributed air outlet and return in the hall.
2.YRA leaf is fixed type. The longest one is 3 meters and it can be joined if the length is over 3 meters
■ **Meters. Specification:**(W×H) size can be manufactured according to the design
■ **Addible accessories:**YS1 air volume control switch, YR2 nylon filter
■ **Surface treatment:**Electrostatic spray, painting
※There's two sizes for E of the outer frame: 23mm, 32mm
When E=23, h=40, surface size = neck size +37
When E=32, h=50, surface size = neck size +54
※The longest length is 3 meters, if it is over 3 meters, you can combine 2 or 3 parts together.

YRAK扁叶可开式散流器 FLAT LEAF OPEN DIFFUSER

■结构示意图 Structure scheme



■**材质**：铝合金型材
■**特性**：
1.YRAK 可开式百叶回风口是在 YRA扁叶风口的基础上增加了一个内边框，整个风口呈活门型式，有利于安装和过滤网的配套使用，常用于客房、大厅的回风。
2.用手轻拨活门上两边门栓，活门即可打开、抽出过滤网洗清，关闭时，只要将活门推上，两边弹簧门栓即可自动上锁，外表平整如一。
■**规格尺寸**：(W×H）尺寸可依据设计制造
■**表面处理**：静电喷塑、烤漆或阳极处理
■**可加附件**：YR2尼龙过滤网、YR3铝合金过滤网
※外框边宽尺寸E有二种：23mm、32mm
当E=23时、h=40、面尺寸=颈尺寸+37
当E=32时、h=50、面尺寸=颈尺寸+54

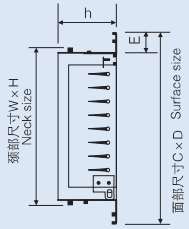
■ **Material:**aluminum alloy sections
■ **Features:**
1.YRAK flat leaf open diffuser has increased an internal frame based on YRA flat leaf diffuser. The whole air outlet is of valve type,which is easy to install and equip with filter.It is widely used for air return in guest rooms and lobies of the hotel.
2.The valve can be opened easily when you move the bolt on both sides and then take the filter out and clean it. The spring bolt on both sides can be locked automatically if you push the valve. The outer surface looks very even.
■ **Specification:**(W×H) size can be manufactured according to the design
■ **Surface treatment:**Electrostatic spray, painting or anode treatment
■ **Addible accessories:**YR2 nylon filter, YR3 aluminium alloy filter
※There s two sizes for E of the outer frame: 23mm, 32mm
When E=23, h=40, surface size = neck size +37
When E=32, h=50, surface size = neck size +54

YRA扁叶散流器、YRAK扁叶可开式散流器性能表 FLAT LEAF DIFFUSER ANDF LAT LEAF OPEN DIFFUSER TECHNICAL PERFORMANCE

颈部面积 Neck area	吹出风速m/s Air blowing velocity	1	2	3	4	5	6	7	8
0.053m²	风量CMH Air volume	191	382	572	763	954	1145	1336	1526
	静压损失(mmAq) static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	1.6	3.2	4.9	6.5	8.2	9.8	11.6	13.2
	发生噪音dB(A) Noise	–	–	27	34	40	45	49	53
0.063m²	风量CMH Air volume	227	454	680	907	1134	1361	1588	1814
	静压损失(mmAq) static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	1.8	3.6	5.4	7.3	9.2	11.0	13.0	14.9
	发生噪音dB(A) Noise	–	–	27	35	41	45	49	53
0.073m²	风量CMH Air volume	263	526	788	1051	1314	1577	1840	2102
	静压损失(mmAq) static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.0	4.1	6.1	8.1	10.2	12.2	14.3	16.4
	发生噪音dB(A) Noise	–	–	28	35	41	46	50	54
0.097m²	风量CMH Air volume	349	698	1048	1397	1746	2095	2444	2794
	静压损失(mmAq) static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.3	4.6	6.9	9.2	11.6	13.9	16.3	18.7
	发生噪音dB(A) Noise	–	–	29	36	42	47	51	55
0.121m²	风量CMH Air volume	436	871	1307	1742	2178	2614	3049	3485
	静压损失(mmAq) static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.6	5.1	7.8	10.2	13.0	16.5	18.2	21.0
	发生噪音dB(A) Noise	–	–	29	37	43	47	52	55
0.141m²	风量CMH Air volume	508	1015	1523	2030	2538	3046	3553	4061
	静压损失(mmAq) static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.8	5.7	8.6	11.3	14.3	17.3	20.3	23.3
	发生噪音dB(A) Noise	–	–	30	38	44	48	53	56
0.165m²	风量CMH Air volume	594	1188	1782	2376	2970	3564	4158	4752
	静压损失(mmAq) static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	3.0	6.2	9.3	12.3	15.7	18.8	22.1	25.3
	发生噪音dB(A) Noise	–	–	31	38	44	49	53	57
0.185m²	风量CMH Air volume	666	1332	1998	2664	3330	3996	4662	5328
	静压损失(mmAq) static pressure loss	0.1	0.6	1.5	2.5	4.0	5.0	7.0	9.0
	到达距离m Reach distance	3.3	6.6	10.0	13.5	17.0	20.0	24.0	27.0
	发生噪音dB(A) Noise	–	21	32	39	45	50	54	58
0.209m²	风量CMH Air volume	752	1505	2257	3010	3762	4514	5267	6019
	静压损失(mmAq) static pressure loss	0.1	0.6	1.5	2.5	4.0	5.0	7.0	9.0
	到达距离m Reach distance	3.5	7.0	11.0	14.0	18.0	21.0	25.0	29.0
	发生噪音dB(A) Noise	–	21	32	40	46	50	55	58

YRHK单层可开式风口 SINGLE LAYER OPEN AIR OUTLET

■结构示意图
Structure scheme

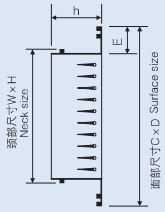


■**材质**：铝合金型材
■**特性**：
1.YRHK可开式百叶回风口是在 YRH单层格栅风口的基础上增加了一个内边框，整个风口呈活门型式，有利于安装和过滤网的配套使用，常用于客房、大厅的回风。
2.用手轻拨活门上两边门栓，活门即可打开、抽出过滤网洗清，关闭时，只要将活门推上，两边弹簧门栓即可自动上锁，外表平整如一。
■**规格尺寸**：(W×H) 尺寸可依据设计制造
■**表面处理**：静电喷塑、烤漆或阳极处理
■**可加附件**：YR2尼龙过滤网、YR3铝合金过滤网
※外框边宽尺寸E有二种：23mm、32mm
当E=23时、h=40、面尺寸=颈尺寸+37
当E=32时、h=50、面尺寸=颈尺寸+54

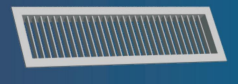
■**Material:**aluminum alloy sections
■**Features:**
1.YRHK single layer open air outlet has increased an internal frame based on YRH single grille air outlet.The whole air outlet is of valve type,which is easy to install and equip with filter. It is widely used for air return in guest rooms and lobies of the hotel.
2.The valve can be opened easily when you move the bolt on both sides and then take the filter out and clean it. The spring bolt on both sides can be locked automatically if you push the valve.The outer surface looks very even.
■**Specification:**(W×H) size can be manufactured according to the design
■**Surface treatment:**Electrostatic spray, painting or anode treatment
■**Addible accessories:**YR2 nylon filter, YR3 aluminium alloy filter
※There's two sizes for E of the outer frame: 23mm, 32mm
When E=23, h=40, surface size = neck size +37
When E=32, h=50, surface size = neck size +54

YRH单层格栅出风口 SINGLE GRILLE AIR OUTLET

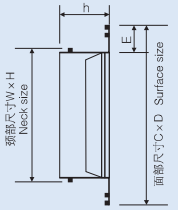
■结构示意图
Structure scheme



YRV单层格栅出风口 SINGLE GRILLE AIR OUTLET



■结构示意图
Structure scheme

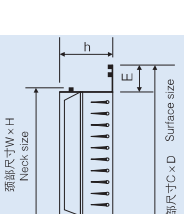


■**材质**：铝合金型材
■**特性**：
1.风口叶片在0°~180°范围内任意调节，将叶片调节成不同角度， 可以得到不同的送风距离和不同的扩散角
2.可作回风口使用
■**规格尺寸**：(W×H)尺寸可依据设计制造
■**表面处理**：静电喷塑、烤漆或阳极处理
■**可加附件**：YS1风量调节开关
※外框边宽尺寸E有二种：23mm、32mm
当E=23时、h=40、面尺寸=颈尺寸+37
当E=32时、h=50、面尺寸=颈尺寸+54

■**Material:**aluminum alloy sections
■**Features:**
1. The leaf can be adjusted in any direction between 0°~180°. With the adjustment of different angle of the leaf, you can have different reach distance and diffusion angle.
2. It can also be used as air return outlet.
■**Specification:**(W×H) size can be manufactured according to the design
■**Surface treatment:**Electrostatic spray, painting or anode treatment
■**Addible accessories:**YS1 air volume control switch
※There's two sizes for E of the outer frame: 23mm, 32mm
When E=23, h=40, surface size = neck size +37
When E=32, h=50, surface size = neck size +54

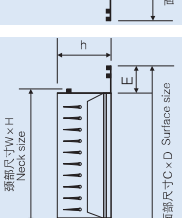
YGH双层格栅出风口 DOUBLE GRILLE AIR OUTLET

■结构示意图
Structure scheme



YGV双层格栅出风口 DOUBLE GRILLE AIR OUTLET

■结构示意图
Structure scheme



■**材质**：铝合金型材
■**特性**：
1.风口叶片在0°~180°范围内任意调节，将叶片调节成不同角度， 可以得到不同的送风距离和不同的扩散角。
2.可作回风口使用。
■**规格尺寸**：(W×H)尺寸可依据设计制造
■**表面处理**：静电喷塑、烤漆或阳极处理
■**可加附件**：YS1风量调节开关
※外框边宽尺寸E有二种：23mm、32mm
当E=23时、h=40、面尺寸=颈尺寸+37
当E=32时、h=50、面尺寸=颈尺寸+54

■**Material:**aluminum alloy sections
■**Features:**
1. The leaf can be adjusted in any direction between 0°~180°. With the adjustment of different angle of the leaf,you can have different reach distance and diffusion angle.
2. It can also be used as air return outlet.
■**Specification:**(W×H) size can be manufactured according to the design
■**Surface treatment:**Electrostatic spray, painting or anode treatment
■**Addible accessories:**YS1 air volume control switch
※There's two sizes for E of the outer frame: 23mm, 32mm
When E=23, h=40, surface size = neck size +37
When E=32, h=50, surface size = neck size +54

单、双层格栅出风口技术参数表 SINGLE AND DOUBLE GRILLE AIR OUTLET TECHNICAL PARAMETER SHEET

风管断面积M² Basal area of the air pipe			0.05			0.06			0.07			0.08		
VC M/S	吹出角度 Angle of air blowing	全压损失 Total pressure loss (mmAq)	风量 air volume (CMH)	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity	NC值 Value	风量 air volume (CMH)	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity	NC值 Value	风量 air volume (CMH)	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity	NC值 Value	风量 air volume (CMH)	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity	NC值 Value
1	A	0.1	190	2.6 3.2	–	215	2.8 3.4	–	270	3.0 3.6	–	290	3.1 3.7	–
	B	0.1		2.2 2.9	–		2.4 2.9	–		2.6 3.1	–		2.7 3.2	–
	C	0.2		1.8 2.2	–		2.0 2.4	–		2.1 2.5	–		2.2 2.6	–
	D	0.2		1.5 1.8	–		1.6 1.9	–		1.7 2.1	–		1.7 2.1	–
2	A	0.4	380	5.1 6.2	–	430	5.5 6.6	–	540	5.9 7.1	–	580	6.0 7.2	–
	B	0.6		4.3 5.3	–		4.7 5.6	–		5.0 6.1	–		5.1 6.3	–
	C	0.7		3.6 4.3	–		3.9 4.6	–		4.1 5.0	–		4.2 5.2	–
	D	0.8		2.8 3.4	–		3.1 3.7	–		3.3 3.9	–		3.4 4.0	–
3	A	0.9	570	7.6 9.2	20	645	8.0 9.8	–	810	8.9 10.8	–	870	9.1 11.0	–
	B	1.2		6.5 7.9	22		6.8 8.4	–		7.6 9.2	–		7.8 9.4	–
	C	1.5		5.3 6.4	24		5.6 6.9	23		6.2 7.6	22		6.4 7.7	22
	D	1.9		4.2 5.1	27		4.4 5.4	26		5.0 6.0	24		5.1 6.1	24
4	A	1.6	760	10.3 12.5	28	860	11.0 13.1	27	1080	12.0 14.3	25	1160	12.1 14.5	25
	B	2.0		8.7 10.7	31		9.4 11.2	30		10.2 12.2	28		10.3 12.4	27
	C	2.6		7.2 8.8	33		7.7 9.2	32		8.4 10.0	31		8.5 10.0	30
	D	3.0		5.7 6.9	36		6.1 7.3	34		6.7 8.0	33		6.8 8.1	33
5	A	2.4	950	13.0 15.8	35	1075	13.7 16.5	34	1350	14.9 18.0	33	1450	15.0 18.4	33
	B	3.1		11.1 13.5	38		11.7 14.1	37		12.8 15.3	35		12.8 15.9	35
	C	4.0		9.1 11.1	40		9.6 11.5	39		10.4 12.6	37		10.5 12.9	37
	D	4.6		7.3 8.7	41		7.6 9.2	40		8.3 10.0	39		8.3 10.3	39

■Vcm/s表示中心风速
■吹出角度在后数页中有说明
■NC值栏[–]表示NC在20以下

■ Vcm/s means center wind speed
■ Angle of air blowing will be explained in later pages
■ [–] means NC value is below 20

风管断面积M² Basal area of the air pipe			0.09			0.1			0.12			0.13		
VC M/S	吹出角度 Angle of air blowing	全压损失 Total pressure loss (mmAq)	风量 air volume (CMH)	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity	NC值 Value	风量 air volume (CMH)	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity	NC值 Value	风量 air volume (CMH)	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity	NC值 Value	风量 air volume (CMH)	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity	NC值 Value
1	A	0.1	325	3.3 4.0	–	360	3.4 4.1	–	430	3.6 4.4	–	480	3.9 4.7	–
	B	0.1		2.8 3.4	–		2.9 3.5	–		3.1 3.8	–		3.4 4.0	–
	C	0.2		2.3 2.8	–		2.4 2.9	–		2.5 3.1	–		2.6 3.3	–
	D	0.2		1.8 2.2	–		1.9 2.3	–		2.0 2.5	–		2.2 2.7	–
2	A	0.4	650	6.4 7.8	–	720	6.6 8.1	–	860	7.0 8.5	–	960	6.4 7.7	–
	B	0.6		5.5 6.7	–		5.6 6.9	–		6.0 7.3	–		5.4 6.3	–
	C	0.7		4.5 5.5	–		4.6 5.7	–		4.9 6.0	–		4.3 5.0	–
	D	0.8		3.6 4.3	–		3.7 4.5	–		3.9 4.7	–		7.9 9.0	–
3	A	0.9	975	9.5 11.7	–	1080	10.0 12.1	–	1290	10.4 12.8	–	1440	11.1 14.0	–
	B	1.2		8.1 10.0	–		8.5 10.3	–		8.9 10.9	–		9.7 11.7	–
	C	1.5		6.7 8.2	21		7.0 8.5	21		7.3 9.0	21		8.0 9.6	–
	D	1.9		5.3 6.5	23		5.6 6.7	22		5.8 7.1	22		6.4 7.8	20
4	A	1.6	1300	12.7 15.3	24	1440	13.1 16.0	23	1720	13.7 16.9	23	1920	15.1 18.0	22
	B	2.0		10.8 13.1	26		11.2 13.6	26		11.8 14.4	26		12.8 15.7	24
	C	2.6		8.9 10.7	29		9.2 11.2	29		9.6 11.8	29		10.3 12.9	27
	D	3.0		7.1 8.5	32		7.3 8.9	31		7.6 9.4	31		8.3 10.2	29
5	A	2.4	1625	16.4 19.8	32	1800	16.6 20.0	31	2150	17.3 21.4	31	2400	19.1 23.0	31
	B	3.1		14.0 16.9	34		14.1 17.1	33		14.8 18.2	33		16.2 19.7	32
	C	4.0		11.4 13.8	36		11.6 14.0	36		12.1 14.0	36		13.5 16.0	35
	D	4.6		9.1 11.0	38		9.2 11.1	38		9.6 11.9	38		10.6 12.9	37

单、双层格栅出风口技术参数表 SINGLE AND DOUBLE GRILLE AIR OUTLET TECHNICAL PARAMETER SHEET

风管断面积M² Basal area of the air pipe			0.15			0.16			0.18			0.2		
VC M/S	吹出角度 Angle of air blowing	全压损失 Total pressure loss (mmAq)	风量 air volume (CMH)	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity	NC值 Value	风量 air volume (CMH)	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity	NC值 Value	风量 air volume (CMH)	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity	NC值 Value	风量 air volume (CMH)	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity	NC值 Value
1	A	0.1	540	4.0 5.0	–	600	1.4 5.1	–	650	4.4 5.3	–	750	4.6 5.6	–
	B	0.1		3.5 4.3	–		3.6 4.4	–		3.8 4.6	–		3.9 4.8	–
	C	0.2		2.9 3.5	–		3.0 3.6	–		3.1 3.8	–		3.2 3.9	–
	D	0.2		2.3 2.8	–		2.3 2.9	–		2.5 3.0	–		2.6 3.2	–
2	A	0.4	1080	8.0 9.4	–	1200	8.1 9.7	–	1300	8.5 10.1	–	1500	8.9 10.4	–
	B	0.6		6.8 8.0	–		6.8 8.2	–		7.2 8.6	–		7.5 9.0	–
	C	0.7		5.6 6.6	–		5.7 6.8	–		6.0 7.1	–		6.3 7.4	–
	D	0.8		4.5 5.2	–		4.6 5.4	–		4.8 5.6	–		5.1 5.8	–
3	A	0.9	1620	11.6 15.0	–	1800	12.0 15.1	–	1950	12.5 16.0	–	2250	13.0 16.7	–
	B	1.2		10.2 12.2	–		10.5 12.5	–		10.9 13.1	–		11.4 13.8	–
	C	1.5		8.3 10.0	–		8.6 10.4	–		9.0 10.8	–		9.4 11.4	–
	D	1.9		6.8 8.3	20		6.9 8.5	20		7.2 8.9	20		7.6 9.3	20
4	A	1.6	2160	15.5 19.0	22	2400	16.2 19.2	22	2600	17.0 20.1	22	3000	17.8 21.0	23
	B	2.0		13.2 16.2	24		13.8 16.6	23		14.3 17.4	23		15.0 18.1	24
	C	2.6		10.8 13.3	27		11.0 13.8	26		11.5 14.4	26		12.0 15.0	26
	D	3.0		8.6 10.6	29		8.9 10.8	29		9.4 11.4	28		9.7 11.9	28
5	A	2.4	2700	20.0 24.5	30	3250	20.5 24.8	30	3250	21.7 25.0	30	3750	22.5 27.0	30
	B	3.1		17.1 20.8	32		17.4 21.2	31		18.3 22.3	31		19.1 23.3	31
	C	4.0		14.0 17.1	34		14.4 17.2	34		15.1 18.0	34		15.9 18.9	34
	D	4.6		11.1 13.6	36		11.4 13.8	36		12.0 14.5	37		12.5 15.1	37

■Vcm/s表示中心风速
■吹出角度在后数页中有说明
■NC值栏[–]表示NC在20以下

■ Vcm/s means center wind speed
■ Angle of air blowing will be explained in later pages
■ [–] means NC value is below 20

风管断面积M² Basal area of the air pipe			0.225			0.25			0.27			0.3		
VC M/S	吹出角度 Angle of air blowing	全压损失 Total pressure loss (mmAq)	风量 air volume (CMH)	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity	NC值 Value	风量 air volume (CMH)	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity	NC值 Value	风量 air volume (CMH)	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity	NC值 Value	风量 air volume (CMH)	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity	NC值 Value
1	A	0.1	800	4.8 5.9	–	900	5.0 6.1	–	1000	5.2 6.4	–	1100	5.4 6.6	–
	B	0.1		4.2 5.1	–		4.3 5.3	–		4.5 5.5	–		4.7 5.7	–
	C	0.2		3.4 4.2	–		3.6 4.3	–		3.7 4.5	–		3.8 4.7	–
	D	0.2		2.7 3.4	–		2.8 3.5	–		2.9 3.7	–		3.1 3.8	–
2	A	0.4	1600	9.3 11.0	–	1800	9.8 11.5	–	2000	10.1 11.9	–	2200	10.5 12.3	–
	B	0.6		7.8 9.4	–		8.2 9.8	–		8.6 10.1	–		8.8 10.4	–
	C	0.7		6.6 7.7	–		6.8 8.1	–		7.1 8.4	–		7.4 8.7	–
	D	0.8		5.3 6.1	–		5.6 6.4	–		5.8 6.6	–		6.0 6.9	–
3	A	0.9	2400	13.8 17.5	–	2700	14.2 18.3	–	3000	14.9 19.0	–	3300	15.4 19.9	–
	B	1.2		12.0 14.5	–		12.7 15.1	–		13.1 15.8	–		13.5 16.3	–
	C	1.5		9.9 12.0	20		10.3 12.5	21		10.8 13.0	21		11.2 13.5	21
	D	1.9		7.9 9.8	21		8.3 10.2	22		8.7 10.5	22		9.0 11.0	22
4	A	1.6	3200	18.8 22.0	23	3600	19.5 23.0	23	4000	20.0 24.0	23	4400	21.0 24.9	23
	B	2.0		15.8 19.0	24		16.4 20.0	24		17.0 20.0	24		17.6 21.4	24
	C	2.6		12.5 15.9	27		13.0 12.5	27		13.5 17.0	27		14.0 17.8	27
	D	3.0		10.2 12.6	28		8.3 10.2	29		8.7 10.5	29		11.4 14.0	29
5	A	2.4	4000	23.8 28.3	30	4500	24.8 29.9	30	5000	25.7 31.0	30	5500	26.8 32.0	30
	B	3.1		20.1 24.5	31		21.0 25.8	31		21.9 26.8	32		22.8 27.8	33
	C	4.0		16.7 19.8	34		17.3 20.7	34		18.0 21.5	35		18.8 22.3	36
	D	4.6		13.2 15.9	37		13.8 16.7	37		14.3 17.3	37		15.0 18.0	38

单双层格栅出风口选用要领

一、先决定吹出角度，然后在相当于其角度之性能，查性能表中即可得知，本公司为方便查寻起见将吹出之角度分A、B、C、D四种。A及B角度宜用于吹出空气所到达之距离双较长、扩散范围较狭小之场合。C及D角度宜用于吹出空气所到达之距离双较短，扩散范围较宽之场合。

二、中心风速的大小选定使用权用场合。

其条件包括风量/个，到达距离。

1.风管断面积(M^2)决定后，可由性能表中依标准尺寸较接近的加以决定。

2.到达距离的值是经其残风速在0.25—0.5M/S测定然后由性能表中的吹出角度A~D、选定近以的吹出角度。再配合所需的风量而选取定。

三、吹出角度的气流分

下图中扩散宽度以6M为基准时，各吹出角度的到达距离。

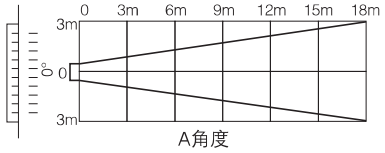
四、空气下降度

■壁式栅格出口所吹出之空气，由于吹出后气流之扩大与通过吹处口之空气温度和室内温度间之差异，会使吹出之气流有自然下沉之现象，因此在设计上，必须列为考虑的因素，不然往往因空气分布作用点之不良，而导致相反之效果。利用格栅双层叶片，以调整其水平叶片之角使空气能呈抛物线之弧度，在需求点之上下降，因有水平翼片若上仰调整适当时，可使空气之下降度减少约百分之五十。

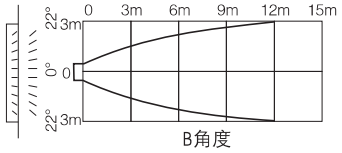
■性能表上求出，出风口尺寸，吹处速成度，到达距离，三项的数字在降下度线表上分别点上，并予以连接之，则在降下度线上可得一交点之读数。

■由降下度线上所得之DR数字与DS之值之和为全下降度。

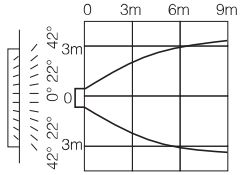
风口吹出角度前气流分布关系图



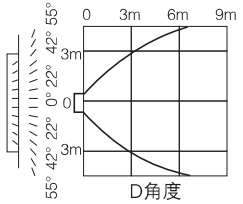
A角度



B角度



C角度



D角度

HOW TO CHOOSE SINGLE AND DOUBLE GRILLE AIR OUTLET

一、First, decide the angle of air blowing. You can check the functional sheet. In order to easy to check,our company divide the angle of air blowing into 4 types, A, B, C and D. A and B is fit for such places that the reach distance is longer and diffusion scope is narrower. While C and D is fit for such places that the reach distance is shorter and diffusion scope is wider.

二、Center wind speed decides the places including air volume and reach distance.

1.When the basal area of air pipe is decided, we can make our decision according to the size which is closer to the standard size in the parameter sheet.

2.Test if the air residul velocity is between 0.25–0.5M/S, then check the angle of air blowing A, B, C and D. Choose the similar angle and related air volume, then decide the value of reach distance.

三、Flow distribution of the angle for air blowing

For the fllowing charts, when the diffusion width is 6M, the reach distance of all air blowing angle.

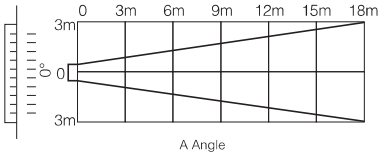
四、Air degression

■ As the air flow blowed from the wall grille outlet will be expansed and cause temperature difference between room temperature and outlet temperature, which will lead to air blowed from the outlet sinking. Therefore, we have to take it into consideration.Otherwise, it will cause reverse effect because of bad air distribution. Take use of grille double leaf and adjust it's horizontal leaf to make the air form parabolic curve and descend on the demanding point. As there's horizontal leaf, if adjusted suitably, we can reduce the air degression by 50%.

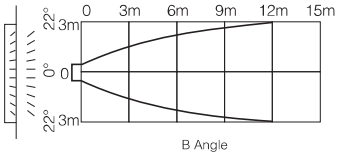
■ We can get the outlet size, blowing velocity, reach distance from the parameter sheet. And then point them on the degression form. Connect them together and we can get the crossover point.

■ Sum the DR and DS to get the total degression.

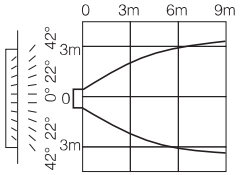
AIRFLOW DISTRIBUTION DIAGRAM OF THE AIR BLOWING ANGLE



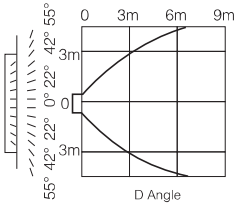
A Angle



B Angle



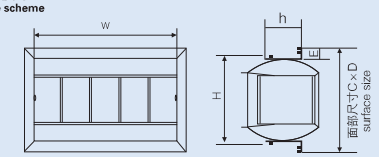
C Angle



D Angle

YCG鼓型喷流风口 DRUM TYPE JET OUTLET

■结构示意图
Structure scheme



■**材质**：铝合金型材、镀锌板
■**特性**：
1.YCG型为大风量远距离送风口，具有双向调整送风角度的特点，适合于会展中心、体育馆、工厂等大型场所。
2.YCG由外框及内胆二部分组成，外框固定后内胆部分可上下转动30度，以调整送风角度。
3.导流叶片可调整左右吹出气流角度。
4.颈部可以安装风量调节阀，以调节风量大小。
■**规格尺寸**：（W×H）尺寸可依据设计制造
■**表面处理**：静电喷塑、烤漆
※外框边宽尺寸：E=32mm h=50、面尺寸=颈尺寸+54

■**Material:**aluminum alloy sections, galvanized sheet
■**Features:**
1.YCG type is an air outlet supplying big volume air and has the features of two-way air supply, which is fit for such places as exhibition centers, gymnasiums and plants.
2.YCG type is composed of outer frame and inner liner. When the outer frame is fixed, the inner liner can be moved by 30°up and down to adjust the air supply angle.
3.Guide leaf can adjust the airflow angle by left and right.
4.Air volume valve can be installed at the neck to adjust the air volume.
■**Specification:**(W×H) size can be manufactured according to the design
■**Urface treatment:**Electrostatic spray, painting
※size of outer frame: 32mm
When E=32, h=50, surface size = neck size +54

YCG鼓形风口技术性能 DRUM TYPE JET OUTLET TECHNICAL PERFORMANCE

颈部尺寸(面积) Neck size Area (W×H) mm m²	风速M/S Air velocity	1	1.5	2	2.5	3	3.5	4	4.5
	全压损失 mmAq Total pressure loss	4	10	17	26	37	50	65	82
500×250 (0.125)	风量CMH Air volume	450	675	900	1125	1350	1575	1800	2025
	到达距离m Reach distance	4.0–8.3	6.1–10.5	8.3–12.0	9.4–13.3	10.5–14.6	11.2–16.0	12.0–17.1	12.7–18.0
	发生噪音dB(A) Noise	—	—	11	18	24	29	34	38
650×250 (0.1625)	风量CMH Air volume	585	878	1170	1463	1755	2048	2340	2633
	到达距离m Reach distance	4.7–9.4	6.8–11.7	9.4–13.5	10.5–14.9	11.6–16.3	12.7–18.0	13.4–18.9	14.2–20.4
	发生噪音dB(A) Noise	—	—	13	20	26	32	36	40
750×250 (0.1875)	风量CMH Air volume	675	1013	1350	1688	2025	2363	2700	3038
	到达距离m Reach distance	5.0–10.1	7.5–12.6	10.1–14.6	11.5–16.2	12.6–18.0	13.7–19.6	14.8–20.8	15.5–22.0
	发生噪音dB(A) Noise	—	—	13	21	26	32	37	41
900×250 (0.225)	风量CMH Air volume	810	1215	1620	2025	2430	2835	3240	
	到达距离m Reach distance	5.3–11.2	8.3–13.7	11.2–16.0	12.6–17.9	13.7–19.6	14.7–21.1	15.9–22.6	
	发生噪音dB(A) Noise	—	—	15	22	29	34	38	
1000×250 (0.25)	风量CMH Air volume	900	1350	1800	2250	2700	3150	3600	
	到达距离m Reach distance	5.6–12.0	9.0–14.6	12.0–17.1	13.4–18.8	14.8–21.0	15.9–22.4	17.0–24.3	
	发生噪音dB(A) Noise	—	—	16	24	30	35	39	
500×300 (0.15)	风量CMH Air volume	540	810	1080	1350	1620	1890	2160	2430
	到达距离m Reach distance	4.2–9.0	6.8–11.2	9.0–13.0	10.4–14.6	11.2–16.0	12.2–17.4	13.0–18.5	13.6–19.6
	发生噪音dB(A) Noise	—	—	11	19	25	30	35	39
650×300 (0.195)	风量CMH Air volume	702	1053	1405	1755	2106	2457	2808	3159
	到达距离m Reach distance	4.7–10.1	7.5–12.5	10.0–14.7	11.5–16.3	12.4–18.0	13.6–19.6	14.4–20.6	15.0–22.4
	发生噪音dB(A) Noise	—	—	13	20	27	32	36	40
750×300 (0.225)	风量CMH Air volume	810	1215	1620	2025	2430	2835	3240	
	到达距离m Reach distance	5.3–11.2	8.3–13.7	11.2–16.0	12.6–17.9	13.7–19.6	14.7–21.1	15.9–22.6	
	发生噪音dB(A) Noise	—	—	15	22	29	34	38	
900×300 (0.27)	风量CMH Air volume	972	1458	1944	2430	2916	3402	3888	
	到达距离m Reach distance	5.8–12.4	9.0–14.9	12.2–17.6	13.7–19.6	14.8–21.2	16.2–23.0	17.3–24.7	
	发生噪音dB(A) Noise	—	—	16	23	30	36	40	

YCG鼓形风口技术性能（续表）DRUM TYPE JET OUTLET TECHNICAL PERFORMANCE(CONTINUED)

颈部尺寸（面积） Neck size Area mm m²	风速M/S Air velocity	1	1.5	2	2.5	3	3.5	4	4.5
	全压损失 mmAq Total pressure loss	4	10	17	26	37	50	65	82
1000×300 (0.3)	风量CMH Air volume	1060	1620	2160	2700	3240	3780		
	到达距离m Reach distance	6.4–13.0	9.7–16.0	13.0–18.5	14.8–21.0	15.9–22.6	17.3–24.5		
	发生噪音dB(A) Noise	—	—	18	25	31	37		
350×350 (0.1225)	风量CMH Air volume	440	662	882	1103	1323	1544	1764	1985
	到达距离m Reach distance	4.0–8.3	6.1–10.5	8.3–12.0	9.4–13.2	10.5–14.4	11.0–15.8	12.0–17.0	12.5–17.8
	发生噪音dB(A) Noise	—	—	11	18	24	29	34	38
500×350 (0.175)	风量CMH Air volume	630	945	1260	1575	1880	2205	2520	2835
	到达距离m Reach distance	4.7–9.8	7.2–12.2	9.5–14.2	10.9–15.6	12.0–17.4	13.1–18.5	13.8–19.9	14.6–21.1
	发生噪音dB(A) Noise	—	—	14	20	27	32	37	41
650×350 (0.2275)	风量CMH Air volume	820	1228	1638	2048	2457	2867	3276	
	到达距离m Reach distance	5.3–11.2	8.3–13.7	11.2–16.0	12.6–18.0	13.7–19.6	14.7–21.2	16.0–22.7	
	发生噪音dB(A) Noise	—	—	15	22	29	34	38	
750×350 (0.2625)	风量CMH Air volume	945	1418	1890	2363	2835	3308	3780	
	到达距离m Reach distance	5.8–12.3	9.0–14.8	12.0–17.4	13.5–19.5	14.7–21.1	16.2–22.9	17.3–24.5	
	发生噪音dB(A) Noise	—	—	16	23	30	36	40	
900×350 (0.315)	风量CMH Air volume	1135	1700	2268	2835	3402	3970		
	到达距离m Reach distance	5.4–13.3	9.8–16.2	12.9–19.0	14.7–21.1	16.2–23.0	17.6–24.8		
	发生噪音dB(A) Noise	—	—	18	25	32	38		
1000×350 (0.35)	风量CMH Air volume	1260	1890	2520	3150	3780	4410		
	到达距离m Reach distance	6.9–14.2	10.6–17.4	13.8–20.0	15.8–22.4	17.3–24.5	18.9–26.2		
	发生噪音dB(A) Noise	—	—	20	27	34	39		

■到达距离以终端风速在0.5m/s–0.25m/s测得
■NC值以室内吸收减量10dB又10 $^{-12}$瓦特为基准
■NC值[–]表示NC在10以下
■测试角度以0° 角度吹出测试
■依据A、D、C标准测试
■The reach distance is measured when the termical air velocity is at 0.5m/s—0.25m/s.
■NC value is based on the value of the indoor absorption attenuation to be 10dBand 10^{-12} watt.
■［ – ］means NC value is below 10
■The testing angle is 0°.
■It is tested according to A.D.C standard.

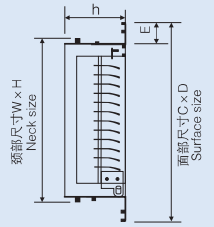
吹出角度改变时修正如下
Correction is in the following when we change the air blowing angle

吹出角度 Air blowing angle	0°	15°	30°
全压损失 Total pressure loss	1	1.25	1.79
到达距离 Reach distance	1	0.53	0.66
NC NC	0	±3	±6

例：若以30° 角度吹出则全压损失乘以1.79到达距离乘以0.66而NC值则加6
Eg: If the air blows at 30°, then the total pressure loss should multiply 1.79, the reach distance should multiply 0.66 while NC value should plus 6.

YRCK细叶可开式风口 SLICED LEAF OPEN OUTLET

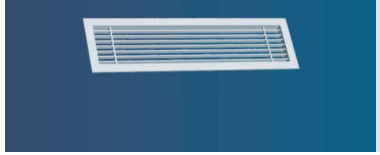
■结构示意图
Structure scheme



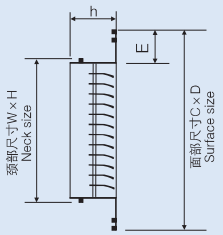
■**材质**：铝合金型材
■**特性**：
1. YRCK 可开式百叶回风口是在 YRC细叶风口的基础上增加了一个内边框，整个风口呈活门型式，有利于安装和过滤网的配套使用，常用于客房、大厅的回风。
2.用手轻拨活门上两边门栓，活门即可打开、抽出过滤网洗清，关闭时，只要将活门推上，两边弹簧门栓即可自动上锁，外表平整如一。
■**规格尺寸**：(W×H)尺寸可依据设计制造
■**表面处理**：静电喷塑、烤漆或阳极处理
■**可加附件**：YR2尼龙过滤网、YR3铝合金过滤网
※外框边宽尺寸E有二种：23mm、32mm
当E=23时、h=40、面尺寸=颈尺寸+37 当E=32时、h=50、面尺寸=颈尺寸+54

■ **Material:**aluminum alloy sections
■ **Features:**
1.YRCK sliced leaf open outlet has increased an internal frame based on YRC sliced leaf outlet. The whole air outlet is of valve type, which is easy to install and equip with filter. It is widely used for air return in guest rooms and lobies of the hotel.
2.The valve can be opened easily when you move the bolt on both sides and then take the filter out and clean it. The spring bolt on both sides can be locked automatically if you push the valve. The outer surface looks very even.
■ **Specification:**(W×H) size can be manufactured according to the design
■ **Surface treatment:**Electrostatic spray, painting or anode treatment
■ **Addible accessories:**YR2 nylon filter, YR3 aluminium alloy filter
※There's two sizes for E of the outer frame: 23mm, 32mm
When E=23, h=40, surface size = neck size +37 When E=32, h=50, surface size = neck size +54

YRC1细叶一面吹散流器 SLICED LEAF ONE SIDE DIFFUSER



■结构示意图
Structure scheme



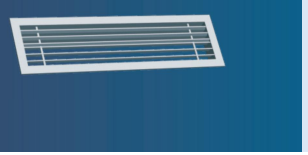
■材质：铝合金型材
■特性：
1.YRC1细叶散流器突出了线型设计特点，可用于室内和大厅环形分布的出风口和回风口，亦可安装在侧墙或天花板上。
2.YRC1叶片为固定式，斜式送风回风型式，叶片倾斜24度。
■表面处理：静电喷塑、烤漆或阳极处理
■可加附件：YS1风量调节开关、YR2尼龙过滤网
※外框边宽尺寸E有二种：23mm、32mm
当E=23时、h=40、面尺寸=颈尺寸+37
当E=32时、h=50、面尺寸=颈尺寸+54
※最大长度为3米，超过时，可以把两节或多节拼起来使用。

■ Material:aluminum alloy sections
■ Features:
1.YRC 1 sliced leaf one side diffuser has the outstanding features of linear design,which is used for circular distributed air outlet and return in the hall.
2.The leaf of YRC1 type is fixed and can be titled for 24 dgrees.
■ Surface treatment:Electrostatic spray, painting
■ Addible accessories:YS1 air volume control switch, YR2 nylon filter
※There's two sizes for E of the outer frame: 23mm, 32mm
When E=23, h=40, surface size = neck size +37
When E=32, h=50, surface size = neck size +54
※The longest length is 3 meters, if it is over 3 meters, you can combine 2 or 3 parts together.

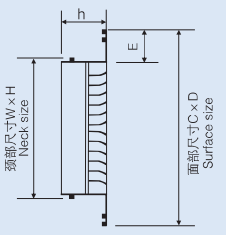
YRC1细叶一面吹散流器性能表 SLICED LEAF ONE SIDE DIFFUSER TECHNICAL PERFORMANCE

颈尺寸(mm)（W×H）	（面积）Neck size long×Wide	风速M/S Air velocity	1.5	2	2.5	3	3.5	4
		全压损失(mmAq) Total pressure loss	0.71	1.25	2.0	2.82	3.68	4.95
610×76	(0.046m²)	风量 CMH Air volume	250	333	417	500	583	666
		流程 M Flow distance	1.2–1.8	1.5–2.1	2.1–2.7	2.7–3.4	3.0–3.7	3.7–4.3
914×76	(0.07m²)	风量 CMH Air volume	375	500	625	750	875	1000
		流程 M Flow distance	1.2–1.8	1.5–2.1	2.1–2.7	2.7–3.4	3.0–3.7	3.7–4.3
1220×76	(0.093m²)	风量 CMH Air volume	500	666	833	1000	1167	1333
		流程 M Flow distance	1.2–1.8	1.5–2.1	2.1–2.7	2.7–3.4	3.0–3.7	3.7–4.3
610×152	(0.093m²)	风量 CMH Air volume	500	666	833	1000	1167	1333
		流程 M Flow distance	2.4–3.4	3.0–4.3	4.0–5.2	4.9–6.1	6.1–7.3	6.7–7.9
914×152	(0.139m²)	风量 CMH Air volume	750	1000	1450	1500	1750	2000
		流程 M Flow distance	2.4–3.4	3.0–4.3	4.0–5.2	4.9–6.1	6.1–7.3	6.4–7.9
1220×152	(0.185m²)	风量 CMH Air volume	1000	1333	1667	2000	2333	2667
		流程 M Flow distance	2.4–3.4	3.0–4.3	4.0–5.2	4.9–6.1	6.1–7.3	6.7–7.9
610×229	(0.14m²)	风量 CMH Air volume	750	1000	1450	1500	1750	2000
		流程 M Flow distance	3.0–4.3	4.0–5.2	4.9–6.1	6.1–7.3	7.3–8.5	8.5–9.8
914×229	(0.209m²)	风量 CMH Air volume	1125	1500	1875	2250	2625	3000
		流程 M Flow distance	3.0–4.3	4.0–5.2	4.9–6.1	6.1–7.3	7.3–8.5	8.5–9.8
1220×229	(0.279m²)	风量 CMH Air volume	1500	2000	2500	3000	3500	4000
		流程 M Flow distance	3.0–4.3	4.0–5.2	4.9–6.1	6.1–7.3	7.3–8.5	8.5–9.8
610×305	(0.186m²)	风量 CMH Air volume	1000	1333	1677	2000	2333	2667
		流程 M Flow distance	4.3–5.8	5.2–6.4	6.4–7.6	7.9–9.1	8.8–10.1	10.1–11.3
914×305	(0.279m²)	风量 CMH Air volume	1500	2000	2500	3000	3500	4000
		流程 M Flow distance	4.3–5.8	5.2–6.4	6.4–7.6	7.9–9.1	8.8–10.1	10.1–11.3
1220×305	(0.372m²)	风量 CMH Air volume	2000	2667	3500	4000	4667	5334
		流程 M Flow distance	4.3–5.8	5.2–6.4	6.4–7.6	7.9–9.1	8.8–10.1	10.1–11.3

YRC2细叶二面吹散流器 SLICED LEAF TWO-SIDE DIFFUSER



■结构示意图
Structure scheme



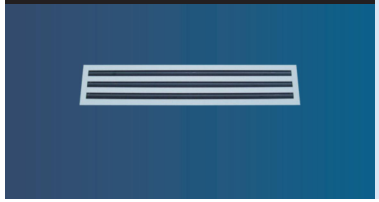
■材质：铝合金型材
■特性：
1.YRC2细叶散流器突出了线型设计特点，可用于室内和大厅环形分布的出风口和回风口，亦可安装在侧墙或天花板上。
2.YRC2叶片为固定式，斜式送风回风型式，叶片倾斜24度。
■表面处理：静电喷塑、烤漆或阳极处理
■可加附件：YS1风量调节开关、YR2尼龙过滤网
※外框边宽尺寸E有二种：23mm、32mm
当E=23时、h=40、面尺寸=颈尺寸+37
当E=32时、h=50、面尺寸=颈尺寸+54
※最大长度为3米，超过时，可以把两节或多节拼起来使用。

■ Material:aluminum alloy sections
■ Features:
1.YRC2 sliced leaf two-side diffuser has the outstanding features of linear design,which is used for circular distributed air outlet and return in the hall.
2.The leaf of YRC2 type is fixed and can be titled for 24 dgrees.
■ Surface treatment:Electrostatic spray, painting or anode treatment
■ Addible accessories:YS1 air volume control switch, YR2 nylon filter
※There's two sizes for E of the outer frame: 23mm, 32mm
When E=23, h=40, surface size = neck size +37
When E=32, h=50, surface size = neck size +54
※The longest length is 3 meters, if it is over 3 meters, you can combine 2 or several parts together.

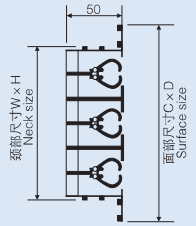
YRC2细叶二面吹散流器性能表 SLICED LEAF TWO-SIDE DIFFUSER TECHNICAL PERFORMANCE

颈尺寸(mm)（W×H）	（面积）Neck size long×Wide	风速M/S Air velocity	1.5	2	2.5	3	3.5	4
		全压损失(mmAq) Total pressure loss	0.71	1.25	2.0	2.82	3.68	4.95
610×76	(0.046m²)	风量 CMH Air volume	250	333	417	500	583	666
		单边风量CMH Unilateral air volume	125	166	208	250	291	333
		流程 M Flow distance	0.9–1.5	1.2–1.8	1.5–2.1	2.1–2.7	2.4–3.0	2.7–3.4
914×76	(0.07m²)	风量 CMH Air volume	375	500	625	750	875	1000
		单边风量CMH Unilateral air volume	187	250	312	375	437	500
		流程 M Flow distance	0.9–1.5	1.2–1.8	1.5–2.1	2.1–2.7	2.4–3.0	2.7–3.4
1220×76	(0.093m²)	风量 CMH Air volume	500	666	833	1000	1167	1333
		单边风量CMH Unilateral air volume	250	333	416	500	583	666
		流程 M Flow distance	0.9–1.5	1.2–1.8	1.5–2.1	2.1–2.7	2.4–3.0	2.7–3.4
610×152	(0.093m²)	风量 CMH Air volume	500	666	833	1000	1167	1333
		单边风量CMH Unilateral air volume	250	333	416	500	583	666
		流程 M Flow distance	2.1–3.0	2.7–3.4	3.4–4.3	3.7–4.6	4.0–5.2	4.6–5.8
914×152	(0.139m²)	风量 CMH Air volume	750	1000	1450	1500	1750	2000
		单边风量CMH Unilateral air volume	375	500	725	750	875	1000
		流程 M Flow distance	2.1–3.0	2.7–3.4	3.4–4.3	3.7–4.6	4.0–5.2	4.6–5.8
1220×152	(0.185m²)	风量 CMH Air volume	1000	1333	1667	2000	2333	2667
		单边风量CMH Unilateral air volume	500	666	833	1000	1166	1333
		流程 M Flow distance	2.1–3.0	2.7–3.4	3.4–4.3	3.7–4.6	4.0–5.2	4.6–5.8
610×229	(0.14m²)	风量 CMH Air volume	750	1000	1450	1600	1750	2000
		单边风量CMH Unilateral air volume	375	500	725	800	875	1000
		流程 M Flow distance	2.1–3.0	2.7–3.7	3.7–5.8	4.3–5.2	5.2–6.4	5.8–7.0
914×229	(0.209m²)	风量 CMH Air volume	1125	1500	1857	2250	2625	3000
		单边风量CMH Unilateral air volume	562	750	937	1125	1312	1500
		流程 M Flow distance	2.1–3.0	2.7–3.7	3.7–5.8	4.3–5.2	5.2–6.4	5.8–7.0
1220×229	(0.279m²)	风量 CMH Air volume	1500	2000	2500	3000	3500	4000
		单边风量CMH Unilateral air volume	750	1000	1250	1500	1750	2000
		流程 M Flow distance	2.1–3.0	2.7–3.7	3.7–5.8	4.3–5.2	5.2–6.4	5.8–7.0
610×305	(0.186m²)	风量 CMH Air volume	1000	1333	1667	2000	2333	2667
		单边风量CMH Unilateral air volume	500	666	833	1000	1166	1333
		流程 M Flow distance	2.4–3.4	3.0–4.0	4.0–4.9	5.2–6.4	5.8–7.0	6.7–7.9
914×305	(0.279m²)	风量 CMH Air volume	1500	2000	2500	3000	3500	4000
		单边风量CMH Unilateral air volume	750	1000	1250	1500	1750	2000
		流程 M Flow distance	2.4–3.4	3.0–4.0	4.0–4.9	5.2–6.4	5.8–7.0	6.7–7.9
1220×305	(0.372m²)	风量 CMH Air volume	2000	2667	3500	4000	4667	5334
		单边风量CMH Unilateral air volume	1000	1333	1750	2000	2333	2667
		流程 M Flow distance	2.4–3.4	3.0–4.0	4.0–4.9	5.2–6.4	5.8–7.0	6.7–7.9

YGL条缝型散流器 SLOTTED DIFFUSER



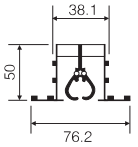
■结构示意图
Structure scheme



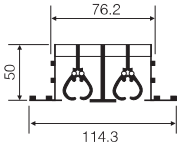
■**材质**：铝合金型材
■**特性**：
1.YGL 条缝型散流器，可作出风和回风使用，每组槽内有两个可调叶片，用以控制气流方向及大小，从外部就可方便地调整。
2.YGL 条缝型散流器，一般安装在天花板上，也可安装在侧墙或其它位置。
■**规格尺寸**：YGL-1S YGL-2S YGL-3S YGL-4S
■**表面处理**：静电喷塑、烤漆或阳极处理，叶片颜色一般为黑色
※可配合静压箱使用
※最大长度为3米，超过时，可以把两节或多节拼起来使用。

■Material:aluminum alloy sections
■Features:
1.YGL slotted diffuser can be used as both air supply and air return. There's two adjustable leaves in each slot in order to control the direction and volume of airflow. It can be also adjusted from outside.
2.YGL slotted diffuser is usually installed on the ceiling but it can also be installed on side wall or other position.
■**Specification:**YGL-1S YGL-2S YGL-3S YGL-4S
■**Surface treatment:**Electrostatic spray, painting or anode treatment and the color of leaf is black
※It can be equipped with plenum chamber.
※The longest length is 3 meters, if it is over 3 meters, you can combine 2 or several parts together.

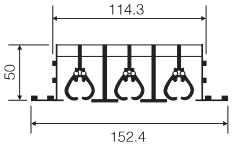
YGL-1S



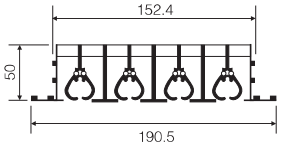
YGL-2S



YGL-3S



YGL-4S



YGL条缝型散流器性能表(出风) SLOTTED DIFFUSER TECHNICAL PERFORMANCE (AIR SUPPLY)

槽数 Slot No.	全压损失 Total pressure loss (mmAq)		0.1	0.4	1.0	1.6	2.5	3.6	5.0	6.4
		V	0.05	0.3	0.6	1.0	1.5	2.2	3.0	3.8
1槽 Slot 1	风量CMH Air volume		55	105	165	215	275	325	385	435
	到达距离m Reach distance	H	0.3-0.9	0.9-3.2	2.4-3.9	3.2-4.5	3.5-5.0	3.8-5.6	4.2-6.0	4.5-6.5
		V	0.6	2.4	3.6	4.2	1.5	5.1	5.4	5.7
	NC		–	–	–	–	23	28	33	37
2槽 Slot 2	风量CMH Air volume		105	215	325	435	545	650	760	870
	到达距离m Reach distance	H	0.6-1.8	1.8-4.5	3.5-5.6	4.5-6.5	5.0-7.2	5.6-8.0	7.5-8.4	6.5-9.2
		V	1.5	3.3	4.8	5.6	6.5	7.2	7.8	8.4
	NC		–	–	–	21	28	33	38	42
3槽 Slot 3	风量CMH Air volume		165	325	485	650	815	980	1140	1305
	到达距离m Reach distance	H	0.9-3.0	3.0-5.6	4.8-6.8	5.6-8.0	6.2-9.0	6.8-9.5	7.5-10.5	8.0-11.0
		V	2.0	3.8	6.0	7.2	8.0	8.6	9.5	10.2
	NC		–	–	–	24	31	36	41	45
4槽 Slot 4	风量CMH Air volume		215	435	650	870	1085	1305	1520	1740
	到达距离m Reach distance	H	0.9-3.3	3.3-6.5	5.0-8.0	6.5-9.2	7.2-10.2	8.0-11.0	8.6-12.0	9.2-12.8
		V	2.4	4.5	6.8	8.4	9.2	10.2	10.8	11.6
	NC		–	–	–	26	33	38	43	47

YGL条缝型散流器性能表(回风) SLOTTED DIFFUSER TECHNICAL PERFORMANCE (AIR RETURN)

槽数 Slot No.	静压损失(mmAq) static pressure loss	0.5	1.0	1.8	2.8	4.1	5.5	7.2	11.5
1槽 Slot 1	风量CMH Air volume	135	200	270	340	405	475	545	680
	NC	–	–	–	21	26	30	34	40
2槽 Slot 2	风量CMH Air volume	270	405	545	680	815	950	1085	1360
	NC	–	–	–	24	29	33	37	43
3槽 Slot 3	风量CMH Air volume	405	610	815	1020	1225	1425	1630	2040
	NC	–	–	21	26	31	35	39	45
4槽 Slot 4	风量CMH Air volume	545	815	1085	1360	1630	1905	2175	2720
	NC	–	–	21	27	32	36	40	46

■风口测试长度以1.2M为基准
■到达距离以终端风速在0.5m/s~0.25m/s测得
■NC值以室内吸收衰减量10dB又10^{-12}瓦特为基准
■NC值栏［—］表示NC在20以下
■依据A.D.C.标准测试

■Testing length is based on 1.2M.
■The reach distance is measured when the termical air velocity is at 0.5m/s--0.25m/s.
■NC value is based on the value of the indoor absorption attenuation to be 10dB and 10^{-12}watt.
■［－］means NC value is below 20
■It is tested according to A.D.C standard.

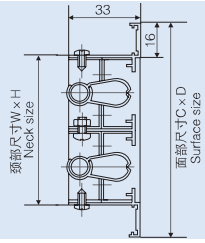
■长度改变时，则到达距离为NC修正值如下表：
■If we change the lengthe, the reach distance and NC value is corrected according to the following form.

有效长度(M) Effective length		0.6	1.2	2.4
出风NC	Air supply	-5	0	3
回风NC	Air return	-3	0	2

例：若长度为2M时则NC值加3，而到达距离均乘以1.2倍
Eg：If the length is 2M, NC value plus 3 while the reach distance multiply 1.2.

YVL条缝型散流器 SLOTTED DIFFUSER

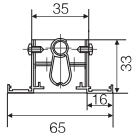
■结构示意图
Structure scheme



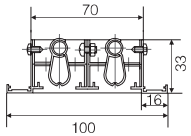
■**材质**：铝合金型材
■**特性**：
1.YVL 条缝型散流器，可作出风和回风使用，每组槽内有两个可调叶片，用以控制气流方向及大小，从外部就可方便地调整。
2.YVL 条缝型散流器，一般安装在天花板上，也可安装在侧墙或其它位置。
■**规格尺寸**：YVL-1S YVL-2S YVL-3S YVL-4S
■**表面处理**：静电喷塑、烤漆或阳极处理，叶片颜色一般为黑色
※可配合静压箱使用
※最大长度为3米，超过时，可以把两节或多节拼起来使用。

■**Material:** aluminum alloy sections
■**Features:**
1.YVL slotted diffuser can be used as both air supply and air return. There's two adjustable leaves in each slot in order to control the direction and volume of airflow. It can be also adjusted from outside.
2.YVL slotted diffuser is usually installed on the ceiling but it can also be installed on side wall or other position.
■**Specification:**YVL-1S YVL-2S YVL-3S YVL-4S
■**Surface treatment:** Electrostatic spray, painting or anode treatment and the color of leaf is black
※It can be equipped with plenum chamber.
※The longest length is 3 meters, if it is over 3 meters, you can combine 2 or several parts together

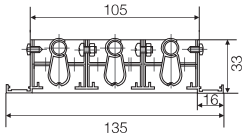
YVL-1S



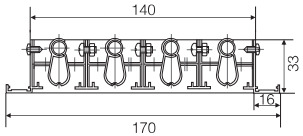
YVL-2S



YVL-3S



YVL-4S



YVL条缝型散流器性能表(出风) SLOTTED DIFFUSER TECHNICAL PERFORMANCE (AIR SUPPLY)

槽数 Slot No.	全压损失 Total pressure loss (mmAq)									
		H	0.1	0.4	1.0	1.6	2.5	3.6	5.0	6.4
		V	0.05	0.3	0.6	1.0	1.5	2.2	3.0	3.8
1槽 Slot 1	风量CMH Air volume		55	105	165	215	275	325	385	435
	到达距离m Reach distance	H	0.3–0.9	0.9–3.2	2.4–3.9	3.2–4.5	3.5–5.0	3.8–5.6	4.2–6.0	4.5–6.5
		V	0.6	2.4	3.6	4.2	1.5	5.1	5.4	5.7
	NC		–	–	–	–	23	28	33	37
2槽 Slot 2	风量CMH Air volume		105	215	325	435	545	650	760	870
	到达距离m Reach distance	H	0.6–1.8	1.8–4.5	3.5–5.6	4.5–6.5	5.0–7.2	5.6–8.0	7.5–8.4	6.5–9.2
		V	1.5	3.3	4.8	5.6	6.5	7.2	7.8	8.4
	NC		–	–	–	21	28	33	38	42
3槽 Slot 3	风量CMH Air volume		165	325	485	650	815	980	1140	1305
	到达距离m Reach distance	H	0.9–3.0	3.0–5.6	4.8–6.8	5.6–8.0	6.2–9.0	6.8–9.5	7.5–10.5	8.0–11.0
		V	2.0	3.8	6.0	7.2	8.0	8.6	9.5	10.2
	NC		–	–	–	24	31	36	41	45
4槽 Slot 4	风量CMH Air volume		215	435	650	870	1085	1305	1520	1740
	到达距离m Reach distance	H	0.9–3.3	3.3–6.5	5.0–8.0	6.5–9.2	7.2–10.2	8.0–11.0	8.6–12.0	9.2–12.8
		V	2.4	4.5	6.8	8.4	9.2	10.2	10.8	11.6
	NC		–	–	–	26	33	38	43	47

YVL条缝型散流器性能表(回风) SLOTTED DIFFUSER TECHNICAL PERFORMANCE (AIR RETURN)

槽数 Slot No.	静压损失(mmAq) static pressure loss	0.5	1.0	1.8	2.8	4.1	5.5	7.2	11.5
1槽 Slot 1	风量CMH Air volume	135	200	270	340	405	475	545	680
	NC	–	–	–	21	26	30	34	40
2槽 Slot 2	风量CMH Air volume	270	405	545	680	815	950	1085	1360
	NC	–	–	–	24	29	33	37	43
3槽 Slot 3	风量CMH Air volume	405	610	815	1020	1225	1425	1630	2040
	NC	–	–	21	26	31	35	39	45
4槽 Slot 4	风量CMH Air volume	545	815	1085	1360	1630	1905	2175	2720
	NC	–	–	21	27	32	36	40	46

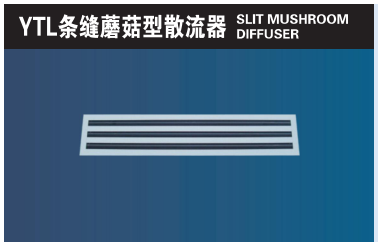
■风口测试长度以1.2M为基准
■到达距离以终端风速在0.5m/s~0.25m/s测得
■NC值以室内吸收衰减量10dB又10^{-12}瓦特为基准
■NC值栏〔—〕表示NC在20以下
■依据A.D.C.标准测试
■Testing length is based on 1.2M.
■The reach distance is measured when the termical air velocity is at 0.5m/s ? 0.25m/s.
■NC value is based on the value of the indoor absorption attenuation to be 10dB and 10^{-12}watt.
■〔 – 〕means NC value is below 20
■It is tested according to A.D.C standard.

■长度改变时，则到达距离为NC修正值如下表；
■If we change the lengthe, the reach distance and NC value is corrected according to the following form.

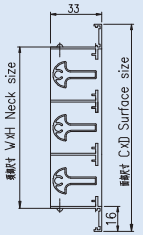
有效长度(M) Effective length	0.6	1.2	2.4
出风NC Air supply	–5	0	3
回风NC Air return	–3	0	2

例：若长度为2M时则NC值加3，而到达距离均乘以1.2倍
Eg：If the length is 2M, NC value plus 3 while the reach distance multiply 1.2.

YTL条缝蘑菇型散流器 SLIT MUSHROOM DIFFUSER



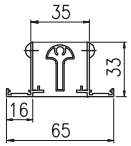
■结构示意图
Structure scheme



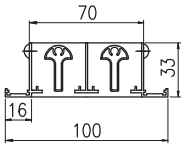
■材质：铝合金型材
■特性：
1.YTL条缝蘑菇型散流器，可作出风或者回风使用，每组槽内有一根可调节叶片，可调节叶片送风角度，控制气流方向，从外部就可方便的调整。
2.YTL条缝蘑菇型散流器，一般安装在天花板上，也可安装在侧墙或其它位置。
■规格尺寸：YTL–1S YTL–2S YTL–3S YTL–4S
■表面处理：静电喷塑、烤漆或阳极处理，叶片颜色一般为黑色
※可配合静压箱使用
※最大长度为3米，超过时，可以把两节或者多节拼起来使用。

■Material: aluminum alloy profile
■Features:
1.YTL slit mushroom diffuser can be used for air or return air. Each group of slots has an adjustable blade, which can adjust the blade air supply angle and control the air flow direction. It can be easily adjusted from the outside.
2. YTL slit mushroom diffuser, generally installed on the ceiling, can also be installed on the side wall or other positions.
■Specification: YTL–1S YTL–2S YTL–3S YTL–4S
■Surface treatment: Electrostatic spray, painting or anode treatment and the color is black
※It can be equipped with plenum chamber.
※The longest length is 3 meters, if it is over3 meters,you can combine 2 or seeveral parts together.

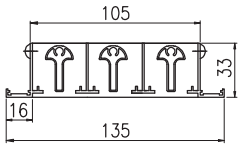
YTL–1S



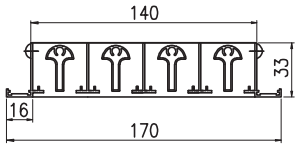
YTL–2S



YTL–3S



YTL–4S



尺寸表 SIZE TABLE

型号 Specification	条缝数 Number of slots	面部尺寸 Surface size	颈部尺寸 Neck size
1S	1	65	35
2S	2	100	70
3S	3	135	105
4S	4	170	140
5S	5	205	175

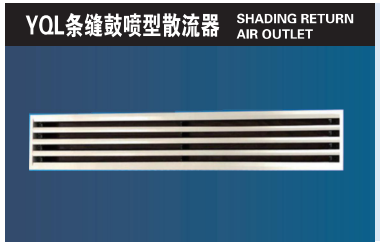
YTL条缝蘑菇型散流器技术性能 TECHNICAL FEATURES FOR TEMPERATURE SENSING SLOT DIFFUSER

条缝数 Number of slots	出口部风速m/s Air velocity at the outlet		1.5	2	2.5	3	3.5	4	4.5
1槽 Slot 1	风量m^3/h Air volume		105	140	175	211	246	281	351
	静压损失pa Static pressure loss	H	11	19	29	42	58	76	95
		V	10	17	25	37	50	66	103
	扩散半径m Diffusion radius	H	1.5	2.1	2.7	3.4	3.9	4.4	4.9
	到达距离m Reach distance	V	1.1	1.5	1.8	2.4	2.8	3.2	3.9
	发生噪音dB（A） Noise	H	–	–	–	20	21	32	38
		V	–	–	22	28	31	35	45
2槽 Slot 2	风量m^3/h Air volume		210	280	350	422	492	562	702
	静压损失pa Static pressure loss	H	11	19	29	42	58	76	95
		V	10	17	25	37	50	66	103
	扩散半径m Diffusion radius	H	2.9	3.9	5.6	6.9	7.8	4.4	10
	到达距离m Reach distance	V	2.2	2.9	3.6	4.6	5.5	6.2	7.5
	发生噪音dB（A） Noise	H	–	–	–	21	22	33	42
		V	–	–	23	29	32	36	47
3槽 Slot 3	风量m^3/h Air volume		315	420	525	633	738	843	1053
	静压损失pa Static pressure loss	H	11	19	29	42	58	76	95
		V	10	17	25	37	50	66	103
	扩散半径m Diffusion radius	H	4.8	6.5	7.2	8.1	9.3	10.5	11.5
	到达距离m Reach distance	V	3.5	4.5	5.5	6.2	6.8	7.6	9.3
	发生噪音dB（A） Noise	H	–	–	20	22	23	34	45
		V	–	–	23	30	33	36	51
4槽 Slot 4	风量m^3/h Air volume		420	560	700	844	984	1124	1404
	静压损失pa Static pressure loss	H	11	19	29	42	58	76	95
		V	10	17	25	37	50	66	103
	扩散半径m Diffusion radius	H	5.1	7	8.6	10	12.1	13.8	15
	到达距离m Reach distance	V	3.8	5.1	6	7.6	9	10.2	12.5
	发生噪音dB（A） Noise	H	–	–	21	23	24	38	48
		V	–	22	24	31	34	39	55

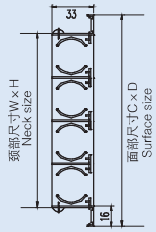
※ 1. H表示叶片倾斜吹出，V表示叶片垂直出风，到达距离、扩散半径指风口到0.5m/s处的距离。
2. 上表根据以等温自然气流为测试对象。
3. 根据吹出温差，垂直到达距离需要补正。
4. 上表数据以风口有效长度1m时测得。

1.H means oblique air supply and V means vertical air supply. Reach distance and diffusion radius means the distance from the outlet to the place where the air velocity is 0.5m/s.
2.The testing object for the above data is isothermal flow.
3.The vertical reach distance should be modified according to the air supply temperature.
4.The above data is measured when the effective length of the outlet is 1m.

YQL条缝鼓喷型散流器 SHADING RETURN AIR OUTLET



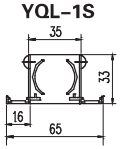
■结构示意图
Structure scheme



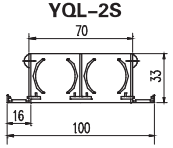
■**材质**：铝合金型材
■**特性**：
1.YQL条缝鼓喷型散流器，可作出风和回风使用，每组槽内有两个可调叶片，用以控制气流方向及大小，从外部就可方便地调整。
2.YQL条缝鼓喷型散流器，一般安装在天花板上，也可安装在侧墙或其他位置。
■**规格尺寸**：YQL-1S YQL-2S YQL-3S YQL-4S
■**表面处理**：静电喷塑、烤漆或阳极处理，叶片颜色一般为黑色
※ 可配合静压箱使用
※ 最大长度为3米，超过时，可以把两节或多节平起来使用

■ **Material:**aluminum alloy sections
■ **Features:**
1.YRC2 sliced leaf two-side diffuser has the outstanding features of linear design,which is used for circular distributed air outlet and return in the hall.
2.The leaf of YRC2 type is fixed and can be titled for 24 dgrees.
■ **Surface treatment:**Electrostatic spray, painting or anode treatment
■ **Addible accessories:**YS1 air volume control switch, YR2 nylon filter
※There's two sizes for E of the outer frame: 23mm, 32mm
When E=23, h=40, surface size = neck size +37
When =32, h=50, surface size = neck size +54
※The longest length is 3 meters, if it is over 3 meters, you can combine 2 or several parts together.

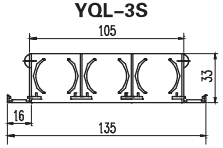
YQL-1S



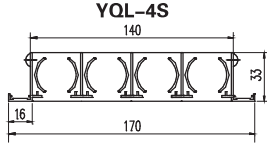
YQL-2S



YQL-3S



YQL-4S



YQL条缝鼓喷型散流器技术参数表(出风) SLOTTED DIFFUSER TECHNICAL PERFORMANCE (AIR SUPPLY)

槽数 Slot No.	出风部风速 m/s Air velocity at the outlet / 全压损失 Total pressure loss (mmAq)		2	3	4	5	6	7	8	9	10
		V	3.5	8	13.6	21.2	31	43	56	70	88
1槽 Slot 1	风量CMH Air volume		146	218	290	362	434	516	588	650	730
	到达距离m Reach distance	H	1.6	2.2	3	3.8	4.6	5.3	6	6.9	7.7
		V	1.3	1.8	2.7	3.4	4.1	4.6	5.2	5.9	6.7
	扩散半径m Diffusion radius		1.2	1.7	2.6	3.1	3.7	4.1	4.9	5.5	6.2
	NC		24	26	29	32	35	38	40	42	44
2槽 Slot 2	风量CMH Air volume		292	436	580	724	868	1032	1176	1300	1460
	到达距离m Reach distance	H	2.3	3.6	4.8	5.9	7.1	8.3	9.6	10.8	12.1
		V	2.1	3	4	5.1	6	7	8.2	9	10
	扩散半径m Diffusion radius		1.9	2.6	3.7	4.7	5.6	6.6	7.4	8.3	9
	NC		26	28	31	34	37	40	42	44	46
3槽 Slot 3	风量CMH Air volume		438	654	870	1086	1302	1548	1764	1950	2190
	到达距离m Reach distance	H	2.8	4.3	5.9	7.3	8.7	10.2	11.8	13.3	14.8
		V	2.4	3.8	5	6	7.5	8.7	10	11.2	12.5
	风量CMH Air volume		2.2	3.5	4.6	5.8	7.1	8.3	9.5	10.8	11.9
	扩散半径m Diffusion radius		27	30	33	36	39	42	44	46	48
4槽 Slot 4	风量CMH Air volume		584	872	1160	1448	1736	2064	2352	2600	2920
	到达距离m Reach distance	H	3.2	4.9	6.6	8.3	9.9	11.6	13.2	15.1	16.6
		V	2.7	4.1	5.5	7.1	8.4	9.4	11.2	12.8	14
	扩散半径m Diffusion radius		2.7	3.9	5.8	6.7	7.9	8.6	10.2	11.9	12.9
	NC		28	31	34	37	40	43	45	47	49

■风口测试长度以1.2M为基准
■到达距离以终端风速在0.5m/s~0.25m/s测得
■NC值以室内吸收衰减量10dB又10^{-12}瓦特为基准
■NC值栏［—］表示NC在20以下
■依据A.D.C.标准测试
■Testing length is based on 1.2M.
■The reach distance is measured when the termical air velocity is at 0.5m/s ? 0.25m/s.
■NC value is based on the value of the indoor absorption attenuation to be 10dB and 10^{-12} watt.
■［ – ］means NC value is below 20
■It is tested according to A.D.C standard.

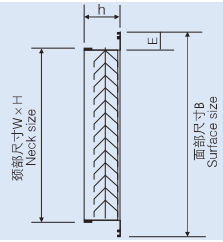
■长度改变时，则到达距离为NC修正值如下表：
■ If we change the lengthe, the reach distance and NC value is corrected according to the following form.

有效长度(M) Effective length	0.6	1.2	2.4
出风NC Air supply	–5	0	3
回风NC Air return	–3	0	2

例：若长度为2M时则NC值加3，而到达距离均乘以1.2倍
Eg：If the length is 2M, NC value plus 3 while the reach distance multiply 1.2.

YRY遮光型回风口 SHADING RETURN AIR OUTLET

■结构示意图
Structure scheme



■**材质**：铝合金型材
■**特性**：
1.YRY遮光型回风口叶片呈A型纵向排列，除应用于回风系统外，兼具有遮光之效果，适用于一般暗房，电影院等须阻隔光线之场合。
2.YRY 型风口外框及叶片，组合牢固，其结构强度较优于其它之回风口。
■**规格尺寸**（W×H）尺寸可依据设计制造
■**表面处理**：静电喷塑、烤漆或阳极处理
■**可加附件**：YR2尼龙过滤网、YR3铝合金过滤网
※外框边宽尺寸E有二种：23mm、32mm
当E=23时、h=40、面尺寸=颈尺寸+37 当E=32时、h=50、面尺寸=颈尺寸+54

■ **Material:**aluminum alloy sections
■ **Features:**
1.The leaf for YRY shading return air outlet is end to end placed like an "A" It is not only used in air return system but also used in dark room like cinemas which need to prevent the light.
2.The outer frame and leaf is combined very solid and it's structure strength is better than other outlets.
■ **Specification:**(W×H) size can be manufactured according to the design
■ **Surface treatment:**Electrostatic spray, painting or anode treatment
■ **Addible accessories:**YR2 nylon filter, YR3 aluminium alloy filter
※There's two sizes for E of the outer frame: 23mm, 32mm
When E=23, h=40, surface size = neck size +37
When E=32, h=50, surface size = neck size +54

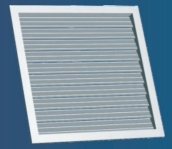
YRY遮光型回风口性能表 SHADING RETURN AIR OUTLET TECHNICAL PERFORMANCE

面积 Area m^2	颈部尺寸（W×H） Neck size mm	风速M/S Air velocity	1.5	2	2.5	3	3.5	4	4.5
		动压(mmAq)Dynamic pressure	0.16	0.25	0.4	0.55	0.75	1.0	1.25
		静压损失(mmAq) static pressure loss	3.4	5.9	9.3	13.3	18.1	23.6	29.8
0.025	250×100	风量CMH Air volume	135	180	225	270	315	360	405
	200×125	NC	29	38	46	50	56	58	62
0.03	300×100	风量CMH Air volume	162	216	270	324	378	432	486
	200×150	NC	30	40	47	51	57	59	63
0.04	400×100	风量CMH Air volume	216	288	360	432	504	576	648
	250×150	NC	31	41	48	53	58	60	64
0.045	350×125	风量CMH Air volume	243	324	405	486	567	648	729
	300×150	NC	32	42	49	54	58	61	65
0.05	350×150	风量CMH Air volume	270	360	450	540	630	720	810
	250×200	NC	32	42	49	54	58	61	65
0.06	600×100	风量CMH Air volume	324	432	540	648	756	864	972
	400×150	NC	33	43	50	54	59	62	66
0.075	600×125 350×200	风量CMH Air volume	405	540	675	810	945	1080	1215
	500×150 300×250	NC	34	43	50	54	59	63	67
0.09	700×125 400×200	风量CMH Air volume	486	648	810	972	1134	1296	1458
	550×150 350×250	NC	34	44	50	55	60	64	68
0.1	750×125 450×200	风量CMH Air volume	540	720	900	1080	1260	1440	1620
	650×150 400×250	NC	35	45	50	56	61	65	69
0.12	900×125 450×250	风量CMH Air volume	648	864	1080	1296	1512	1728	1944
	650×150 350×300	NC	36	45	51	57	62	66	70
0.128	850×150 500×250	风量CMH Air volume	691	922	1152	1382	1612	1843	2073
	600×200 400×300	NC	36	46	51	57	62	66	70
0.135	1200×125 450×300	风量CMH Air volume	729	972	1215	1458	1700	1944	2187
	900×150 400×350	NC	36	46	51	57	62	66	70
0.18	900×200 600×300	风量CMH Air volume	972	1296	1620	1944	2268	2592	2916
	750×250 450×400	NC	36	46	51	57	62	66	70
0.27	750×350 600×450	风量CMH Air volume	1458	1944	2430	2915	3402	3888	4374
	650×400 550×500	NC	36	46	51	57	62	66	70
0.36	1200×300 750×450	风量CMH Air volume	1944	2592	3240	3888	4536	5184	5832
	900×400 600×600	NC	36	46	52	58	63	67	72

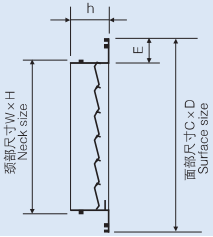
■NC值以室内吸收衰减量10dB又10^{-12}瓦特为基准
■依据A.D.C.标准测试

■ NC value is based on the value of the indoor absorption attenuation to be 10dB and 10^{-12}watt.
■ It is tested according to A.D.C standard.

YKD自垂式百叶回风口 NATURAL DROOP RETURN AIR LOUVER OUTLET



■结构示意图
Structure scheme

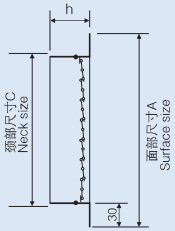


■**材质**：铝合金型材
■**特性**：
1.YKD自垂式百叶回风口适用于具有正压的空调房间自动排气。通常情况下靠风口的百叶自重而自然下垂，隔绝室内外的空气交换，当室内气压大于室外气压时，气流将百叶片吹开而向外排，反之，当室内气压小于室外时，气流则不能反向流入室内，该风口具有单向止回作用。
■**规格尺寸**：（W×H）尺寸可依据设计制造
■**表面处理**：静电喷塑、烤漆或阳极处理
※外框边宽尺寸E有二种：23mm、32mm
当E=23时、h=40、面尺寸=颈尺寸+37
当E=32时、h=50、面尺寸=颈尺寸+54

■ **Material:**aluminum alloy sections
■ **Features:**
1.YKD natural droop return air louver outlet is used for automatic air venting in the air condition-ing room with positive pressure.Usually it will take advantage of the louver's weight about the outlet and drops natually to prevent the air exchange between the indoor and outdoor. When the indoor air pressure is higher than the outdoor air pressure, the airflow will be blown out from the louver.Otherwise, if the indoor air pressure is lower, the airflow cannot get into the room. Therefore, this outlet can be the retaining valve.
■ **Specification:**(W×H) size can be manufactured according to the design
■ **Surface treatment:**Electrostatic spray, painting or anode treatment
※There's two sizes for E of the outer frame: 23mm, 32mm
When E=23, h=40, surface size = neck size +37
When E=32, h=50, surface size = neck size +54

YKD-Y自垂式百叶回风口 NATUAL DROOP RETURN AIR LOUVER OUTLET

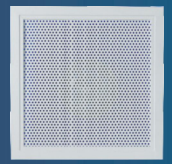
■结构示意图
Structure scheme



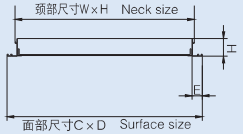
■**材质**：铝合金型材
■**特性**：
1. YKD自垂式百叶回风口适用于具有正压的空调房间自动排气。通常情况下靠风口的百叶自重而自然下垂，隔绝室内外的空气交换，当室内气压大于室外气压时，气流将百叶片吹开而向外排，反之，当室内气压小于室外时，气流则不能反向流入室内，该风口具有单向止回作用。
■**规格尺寸**：可依设计制造
■**表面处理**：静电喷塑、烤漆

■ **Material:**aluminum alloy sections
■ **Features:**
1.YKD-V natural droop return air louver outlet is used for automatic air venting in the air conditi-oning room with positive pressure.Usually it will take advantage of the louver's weight about the outlet and drops natually to prevent the air exchange between the indoor and outdoor. When the indoor air pressure is higher than the outdoor air pressure, the airflow will be blown out from the louver.Otherwise,if the indoor air pressure is lower,the airflow cannot get into the room.Therefore,his outlet can be the retaining valve.
■ **Specification:**It can be manufactured according to the design
■ **Surface treatment:**Electrostatic spray, painting

YRF孔板回风口 HORIFICE RETURN AIR OUTLET



■结构示意图
Structure scheme

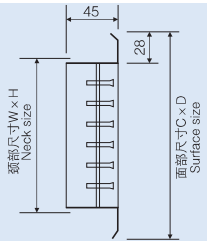


■**材质**：铝板
■**特性**：
1.适用于天花板作自然回风的小型送风机系统。
2.回风有效面积大，回风效果佳。
3.可直接安装在轻钢龙骨上。
■**规格尺寸**：（W×H）尺寸可依据设计制造
■**可加附件**：YR1泡棉过滤网、YR2尼龙过滤网
■**表面处理**：静电喷塑、烤漆
※外框边宽尺寸E有二种：23mm、32mm
当E=23时、h=40、面尺寸=颈尺寸+37
当E=32时、h=50、面尺寸=颈尺寸+54

■ **Material:**aluminum sheets
■ **Features:**
1.It is used for small air supply system which use the ceiling for air return.
2.It has bigger air return effective areas and better results.
3.It can be installed on the ligntgage steel joist directly.
■ **Specification:** (W×H)size can be manufactured according to the design
■ **Addible accessories:**YR1 foam filter, YR2 nylon filter
■ **Surface treatment:**Electrostatic spray, painting
※There's two sizes for E of the outer frame: 23mm, 32mm
When E=23, h=40, surface size = neck size +37
When E=32, h=50, surface size = neck size +54

ABS塑料风口 PLASTIC AIR OUTLET

■结构示意图
Structure scheme



■材质：ABS
■特性：
1. ABS塑料风口突出了线形设计的特点，可用于室内，大厅的出风口和回风口。
2. 叶片为固定式，最长为3米，超过时可采用拼接方式。
■规格尺寸：（W×H）尺寸可依据设计制造
■可加附件：YS1风量调节开关。

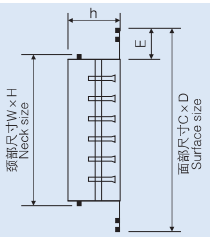
■Material: ABS
■Features:
1.ABS plastic air outlet has the outstanding features of linear design,which is used for circular distributed air outlet and return in the hall.
2.ABS leaf is fixed type. The longest one is 3 meters and it can be joined if the length is over 3 meters.
■Specification:(W×H) size can be manufactured according to the design
■Addible accessories:YS1 air volume control switch

ABS塑料风口性能表 PLASTIC AIR OUTLET TECHNICAL PERFORMANCE

颈部面积 Neck area	吹出风速m/s Air supply velocity	1	2	3	4	5	6	7	8
0.053m²	风量 CMH Air volume	191	382	572	763	954	1145	1336	1526
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	1.6	3.2	4.9	6.5	8.2	9.8	11.6	13.2
	发生噪音Db(A) Noise	–	–	27	34	40	45	49	53
0.063m²	风量 CMH Air volume	227	454	680	907	1134	1361	1588	1814
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	1.8	3.6	5.4	7.3	9.2	11.0	13.0	14.9
	发生噪音Db(A) Noise	–	–	27	35	41	45	49	53
0.073m²	风量 CMH Air volume	263	526	788	1051	1314	1577	1840	2102
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.0	4.1	6.1	8.1	10.2	12.2	14.3	16.4
	发生噪音Db(A) Noise	–	–	28	35	41	46	50	54
0.097m²	风量 CMH Air volume	349	698	1048	1397	1746	2095	2444	2794
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.3	4.6	6.9	9.2	11.6	13.9	16.3	18.7
	发生噪音Db(A) Noise	–	–	29	36	42	47	51	55
0.121m²	风量 CMH Air volume	436	871	1307	1742	2178	2614	3049	3485
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.6	5.1	7.8	10.2	13.0	16.5	18.2	21.0
	发生噪音Db(A) Noise	–	–	29	37	43	47	52	55
0.141m²	风量 CMH Air volume	508	1015	1523	2030	2538	3046	3553	4061
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.8	5.7	8.6	11.3	14.3	17.3	20.3	23.3
	发生噪音Db(A) Noise	–	–	30	38	44	48	53	56
0.165m²	风量 CMH Air volume	594	1188	1782	2376	2970	3564	4158	4752
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	3.0	6.2	9.3	12.3	15.7	18.8	22.1	25.3
	发生噪音Db(A) Noise	–	–	31	38	44	49	53	57
0.185m²	风量 CMH Air volume	666	1332	1998	2664	3330	3996	4662	5328
	静压损失mmAq Static pressure loss	0.1	0.6	1.5	2.5	4.0	5.0	7.0	9.0
	到达距离m Reach distance	3.3	6.6	10.0	13.5	17.0	20.0	24.0	27.0
	发生噪音Db(A) Noise	–	21	32	39	45	50	54	58
0.209m²	风量 CMH Air volume	752	1505	2257	3010	3762	4514	5267	6019
	静压损失mmAq Static pressure loss	0.1	0.6	1.5	2.5	4.0	5.0	7.0	9.0
	到达距离m Reach distance	3.5	7.0	11.0	14.0	18.0	21.0	25.0	29.0
	发生噪音Db(A) Noise	–	21	32	40	46	50	55	58

YZJ转角风口 CORNER AIR OUTLET

■结构示意图
Structure scheme



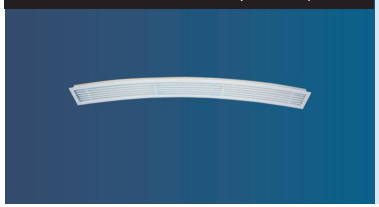
■材质：铝合金型材
■特性：
1.可根据用户需要做成各种角度和各种长度的风口，可采用细叶、扁叶型，订货时务必注明顶装、侧装等。
■规格尺寸：尺寸可依据设计制造
■可加附件：YR2尼龙过滤网、YR3铝合金过滤网
■表面处理：静电喷塑、烤漆或阳极处理
※外框边宽尺寸E有二种：23mm、32mm
当E=23时、h=40、面尺寸=颈尺寸+37
当E=32时、h=50、面尺寸=颈尺寸+54

■Material:aluminum alloy sections
■Features:
1.It can be made as any air outlets with different angle and length according to customer's requirements using sliced type or flat type. But please note whether it should be top installation or side installation when you issue the PO.
■Specification:size can be manufactured according to the design
■Addible accessories:YR2 nylon filter, YR3 aluminium alloy filter
■Surface treatment:Electrostatic spray, painting or anode treatment
※There's two sizes for E of the outer frame: 23mm, 32mm
When E=23, h=40, surface size = neck size +37
When E=32, h=50, surface size = neck size +54

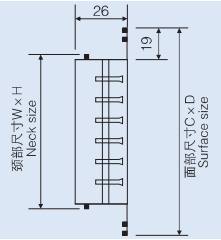
YZJ转角风口性能表 CORNER AIR OUTLET TECHNICAL PERFORMANCE

颈部面积 Neck area	吹出风速m/s Air supply velocity	1	2	3	4	5	6	7	8
0.053m²	风量 CMH Air volume	191	382	572	763	954	1145	1336	1526
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	1.6	3.2	4.9	6.5	8.2	9.8	11.6	13.2
	发生噪音Db(A) Noise	–	–	27	34	40	45	49	53
0.063m²	风量 CMH Air volume	227	454	680	907	1134	1361	1588	1814
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	1.8	3.6	5.4	7.3	9.2	11.0	13.0	14.9
	发生噪音Db(A) Noise	–	–	27	35	41	45	49	53
0.073m²	风量 CMH Air volume	263	526	788	1051	1314	1577	1840	2102
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.0	4.1	6.1	8.1	10.2	12.2	14.3	16.4
	发生噪音Db(A) Noise	–	–	28	35	41	46	50	54
0.097m²	风量 CMH Air volume	349	698	1048	1397	1746	2095	2444	2794
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.3	4.6	6.9	9.2	11.6	13.9	16.3	18.7
	发生噪音Db(A) Noise	–	–	29	36	42	47	51	55
0.121m²	风量 CMH Air volume	436	871	1307	1742	2178	2614	3049	3485
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.6	5.1	7.8	10.2	13.0	16.5	18.2	21.0
	发生噪音Db(A) Noise	–	–	29	37	43	47	52	55
0.141m²	风量 CMH Air volume	508	1015	1523	2030	2538	3046	3553	4061
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.8	5.7	8.6	11.3	14.3	17.3	20.3	23.3
	发生噪音Db(A) Noise	–	–	30	38	44	48	53	56
0.165m²	风量 CMH Air volume	594	1188	1782	2376	2970	3564	4158	4752
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	3.0	6.2	9.3	12.3	15.7	18.8	22.1	25.3
	发生噪音Db(A) Noise	–	–	31	38	44	49	53	57
0.185m²	风量 CMH Air volume	666	1332	1998	2664	3330	3996	4662	5328
	静压损失mmAq Static pressure loss	0.1	0.6	1.5	2.5	4.0	5.0	7.0	9.0
	到达距离m Reach distance	3.3	6.6	10.0	13.5	17.0	20.0	24.0	27.0
	发生噪音Db(A) Noise	–	21	32	39	45	50	54	58
0.209m²	风量 CMH Air volume	752	1505	2257	3010	3762	4514	5267	6019
	静压损失mmAq Static pressure loss	0.1	0.6	1.5	2.5	4.0	5.0	7.0	9.0
	到达距离m Reach distance	3.5	7.0	11.0	14.0	18.0	21.0	25.0	29.0
	发生噪音Db(A) Noise	–	21	32	40	46	50	55	58

YRA-H弧形风口（凹弧）CURVE AIR OUTLET (CONCAVE)



■结构示意图
Structure scheme



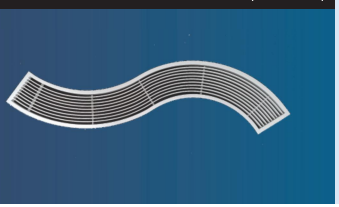
■材质：铝合金型材
■特性：
1.采用专用设备加工，可制成凸弧，凹弧，侧送弧，顶送弧等型式。
2.采用YRA型相同的型材。
3.设计个性化，装潢效果好。
■规格尺寸：尺寸可依据设计制造
■表面处理：静电喷塑、烤漆

■Material:aluminum alloy sections
■Features:
1.We can use special equipment to make such types as convex, concave, side blowing curve or top blowing curve.
2.Use the same material as YRA type.
3.The design can be personalized and has good decorative result.
■Specification:size can be manufactured according to the design
■Surface treatment:Electrostatic spray, painting

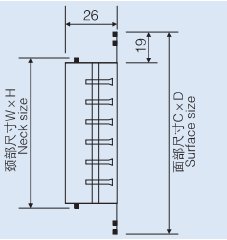
YRA-H弧形风口（凹弧）性能表 CURVE AIR OUTLET (CONCAVE) TECHNICAL PERFORMANCE

颈部面积 Neck area	吹出风速m/s Air supply velocity	1	2	3	4	5	6	7	8
0.053m²	风量 CMH Air volume	191	382	572	763	954	1145	1336	1526
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	1.6	3.2	4.9	6.5	8.2	9.8	11.6	13.2
	发生噪音Db(A) Noise	–	–	27	34	40	45	49	53
0.063m²	风量 CMH Air volume	227	454	680	907	1134	1361	1588	1814
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	1.8	3.6	5.4	7.3	9.2	11.0	13.0	14.9
	发生噪音Db(A) Noise	–	–	27	35	41	45	49	53
0.073m²	风量 CMH Air volume	263	526	788	1051	1314	1577	1840	2102
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.0	4.1	6.1	8.1	10.2	12.2	14.3	16.4
	发生噪音Db(A) Noise	–	–	28	35	41	46	50	54
0.097m²	风量 CMH Air volume	349	698	1048	1397	1746	2095	2444	2794
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.3	4.6	6.9	9.2	11.6	13.9	16.3	18.7
	发生噪音Db(A) Noise	–	–	29	36	42	47	51	55
0.121m²	风量 CMH Air volume	436	871	1307	1742	2178	2614	3049	3485
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.6	5.1	7.8	10.2	13.0	16.5	18.2	21.0
	发生噪音Db(A) Noise	–	–	29	37	43	47	52	55
0.141m²	风量 CMH Air volume	508	1015	1523	2030	2538	3046	3553	4061
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.8	5.7	8.6	11.3	14.3	17.3	20.3	23.3
	发生噪音Db(A) Noise	–	–	30	38	44	48	53	56
0.165m²	风量 CMH Air volume	594	1188	1782	2376	2970	3564	4158	4752
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	3.0	6.2	9.3	12.3	15.7	18.8	22.1	25.3
	发生噪音Db(A) Noise	–	–	31	38	44	49	53	57
0.185m²	风量 CMH Air volume	666	1332	1998	2664	3330	3996	4662	5328
	静压损失mmAq Static pressure loss	0.1	0.6	1.5	2.5	4.0	5.0	7.0	9.0
	到达距离m Reach distance	3.3	6.6	10.0	13.5	17.0	20.0	24.0	27.0
	发生噪音Db(A) Noise	–	21	32	39	45	50	54	58
0.209m²	风量 CMH Air volume	752	1505	2257	3010	3762	4514	5267	6019
	静压损失mmAq Static pressure loss	0.1	0.6	1.5	2.5	4.0	5.0	7.0	9.0
	到达距离m Reach distance	3.5	7.0	11.0	14.0	18.0	21.0	25.0	29.0
	发生噪音Db(A) Noise	–	21	32	40	46	50	55	58

YRA-H平面弧形风口（侧弧）PLANE CURVE AIR OUTLET (SIDE CURVE)



■结构示意图
Structure scheme



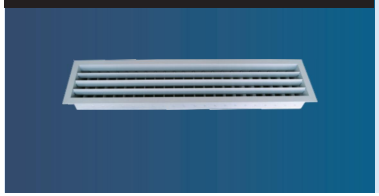
■材质：铝合金型材
■特性：
1.采用专用设备加工，可制成凸弧，凹弧，侧送弧，顶送弧等型式。
2.采用YRA型相同的型材。
3.设计个性化，装潢效果好。
■规格尺寸：尺寸可依据设计制造
■表面处理：静电喷塑、烤漆

■Material:aluminum alloy sections
■Features:
1.We can use special equipment to make such types as convex, concave, side blowing curve or top blowing curve.
2.Use the same material as YRA type.
3.The design can be personalized and has good decorative result.
■Specification:size can be manufactured according to the design
■Surface treatment:Electrostatic spray, painting

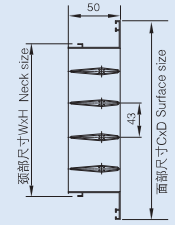
YRA-H平面弧形风口（侧弧）性能表 CURVE AIR OUTLET (SIDE CAVE) TECHNICAL PERFORMANCE

颈部面积 Neck area	吹出风速m/s Air supply velocity	1	2	3	4	5	6	7	8
0.053m²	风量 CMH Air volume	191	382	572	763	954	1145	1336	1526
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	1.6	3.2	4.9	6.5	8.2	9.8	11.6	13.2
	发生噪音Db(A) Noise	–	–	27	34	40	45	49	53
0.063m²	风量 CMH Air volume	227	454	680	907	1134	1361	1588	1814
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	1.8	3.6	5.4	7.3	9.2	11.0	13.0	14.9
	发生噪音Db(A) Noise	–	–	27	35	41	45	49	53
0.073m²	风量 CMH Air volume	263	526	788	1051	1314	1577	1840	2102
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.0	4.1	6.1	8.1	10.2	12.2	14.3	16.4
	发生噪音Db(A) Noise	–	–	28	35	41	46	50	54
0.097m²	风量 CMH Air volume	349	698	1048	1397	1746	2095	2444	2794
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.3	4.6	6.9	9.2	11.6	13.9	16.3	18.7
	发生噪音Db(A) Noise	–	–	29	36	42	47	51	55
0.121m²	风量 CMH Air volume	436	871	1307	1742	2178	2614	3049	3485
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.6	5.1	7.8	10.2	13.0	16.5	18.2	21.0
	发生噪音Db(A) Noise	–	–	29	37	43	47	52	55
0.141m²	风量 CMH Air volume	508	1015	1523	2030	2538	3046	3553	4061
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.8	5.7	8.6	11.3	14.3	17.3	20.3	23.3
	发生噪音Db(A) Noise	–	–	30	38	44	48	53	56
0.165m²	风量 CMH Air volume	594	1188	1782	2376	2970	3564	4158	4752
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	3.0	6.2	9.3	12.3	15.7	18.8	22.1	25.3
	发生噪音Db(A) Noise	–	–	31	38	44	49	53	57
0.185m²	风量 CMH Air volume	666	1332	1998	2664	3330	3996	4662	5328
	静压损失mmAq Static pressure loss	0.1	0.6	1.5	2.5	4.0	5.0	7.0	9.0
	到达距离m Reach distance	3.3	6.6	10.0	13.5	17.0	20.0	24.0	27.0
	发生噪音Db(A) Noise	–	21	32	39	45	50	54	58
0.209m²	风量 CMH Air volume	752	1505	2257	3010	3762	4514	5267	6019
	静压损失mmAq Static pressure loss	0.1	0.6	1.5	2.5	4.0	5.0	7.0	9.0
	到达距离m Reach distance	3.5	7.0	11.0	14.0	18.0	21.0	25.0	29.0
	发生噪音Db(A) Noise	–	21	32	40	46	50	55	58

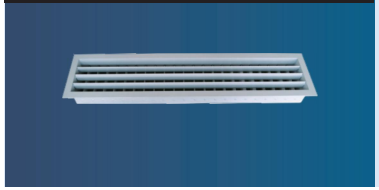
YRH-L 菱型格栅风口 THE DIAMOND GRILLE TUYERE



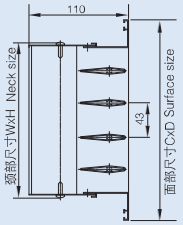
■ 结构示意图
Structure scheme



YGH-L 菱型格栅风口 THE DIAMOND GRILLE TUYERE



■ 结构示意图
Structure scheme



■材质：铝合金型材
■特性：
1.风口叶片在0°～180°范围内任意调节，将叶片调节成不同角度，可以得到不同的送风距离和不同的扩散角。
2.可作回风口使用。
■规格尺寸：(W×H)尺寸可依据设计制造
■表面处理：静电喷塑、烤漆或阳极处理
■可加附件：YS1风量调节开关

■ **Material:**aluminum alloy sections
■ **Features:**
1. The leaf can be adjusted in any direction between 0°–180°. With the adjustment of different angle of the leaf,you can have different reach distance and diffusion angle.
2. It can also be used as air return outlet.
■ **Specification:**(W × H) size can be manufactured according to the design
■ **Surface treatment:**Electrostatic spray, painting or anode treatment
■ **Addible accessories:**YS1 air volume control switch

YGH-L菱型格栅风口技术参数表 THE DIAMOND GRILLE TUYERE TECHNICAL PARAMETER SHEET

风管断面积M² Basal area of the air pipe m²			0.15			0.16			0.18			0.2		
VC M/S	吹出角度 Angle of air blowing	全压损失 (mmAq) Total pressure loss	风量 (CMH) air volume	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity M/S	NC值 NC value	风量 (CMH) air volume	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity M/S	NC值 NC value	风量 (CMH) air volume	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity M/S	NC值 NC value	风量 (CMH) air volume	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity M/S	NC值 NC value
1	A	0.1	540	4.0 5.0	–	600	1.4 5.1	–	650	4.4 5.3	–	750	4.6 5.6	–
	B	0.1		3.5 4.3	–		3.6 4.4	–		3.8 4.6	–		3.9 4.8	–
	C	0.2		2.9 3.5	–		3.0 3.6	–		3.1 3.8	–		3.2 3.9	–
	D	0.2		2.3 2.8	–		2.3 2.9	–		2.5 3.0	–		2.6 3.2	–
2	A	0.4	1080	8.0 9.4	–	1200	8.1 9.7	–	1300	8.5 10.1	–	1500	8.9 10.4	–
	B	0.6		6.8 8.0	–		6.8 8.2	–		7.2 8.6	–		7.5 9.0	–
	C	0.7		5.6 6.6	–		5.7 6.8	–		6.0 7.1	–		6.3 7.4	–
	D	0.8		4.5 5.2	–		4.6 5.4	–		4.8 5.6	–		5.1 5.8	–
3	A	0.9	1620	11.6 15.0	–	1800	12.0 15.1	–	1950	12.5 16.0	–	2250	13.0 16.7	–
	B	1.2		10.2 12.2	–		10.5 12.5	–		10.9 13.1	–		11.4 13.8	–
	C	1.5		8.3 10.0	–		8.6 10.4	–		9.0 10.8	–		9.4 11.4	–
	D	1.9		6.8 8.3	20		6.9 8.5	20		7.2 8.9	20		7.6 9.3	20
4	A	1.6	2160	15.5 19.0	22	2400	16.2 19.2	22	2600	17.0 20.1	22	3000	17.8 21.0	23
	B	2.0		13.2 16.2	24		13.8 16.6	23		14.3 17.4	23		15.0 18.1	24
	C	2.6		10.8 13.3	27		11.0 13.8	26		11.5 14.4	26		12.0 15.0	26
	D	3.0		8.6 10.6	29		8.9 10.8	29		9.4 11.4	28		9.7 11.9	28
5	A	2.4	2700	20.0 24.5	30	3250	20.5 24.8	30	3250	21.7 25.0	30	3750	22.5 27.0	30
	B	3.1		17.1 20.8	32		17.4 21.2	31		18.3 22.3	31		19.1 23.3	31
	C	4.0		14.0 17.1	34		14.4 17.2	34		15.1 18.0	34		15.9 18.9	34
	D	4.6		11.1 13.6	36		11.4 13.8	36		12.0 14.5	37		12.5 15.1	37

■Vcm/s表示中心风速
■吹出角度在后数页中有说明
■NC值栏[–]表示NC在20以下

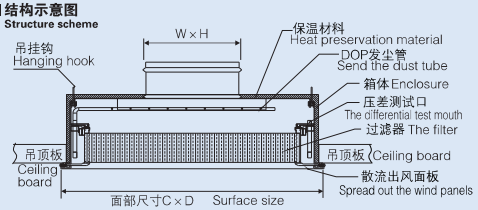
■ Vcm/s means center wind speed
■ Angle of air blowing will be explained in later pages
■ [–] means NC value is below 20

YGH-L菱型格栅风口技术参数表 THE DIAMOND GRILLE TUYERE TECHNICAL PARAMETER SHEET

风管断面积M² Basal area of the air pipe m²			0.225			0.25			0.27			0.3		
VC M/S	吹出角度 Angle of air blowing	全压损失 (mmAq) Total pressure loss	风量 (CMH) air volume	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity M/S	NC值 NC value	风量 (CMH) air volume	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity M/S	NC值 NC value	风量 (CMH) air volume	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity M/S	NC值 NC value	风量 (CMH) air volume	到达距离 残风速度m/s 0.5–0.25 Reach distance at residul air velocity M/S	NC值 NC value
1	A	0.1	800	4.8 5.9	–	900	5.0 6.1	–	1000	5.2 6.4	–	1100	5.4 6.6	–
	B	0.1		4.2 5.1	–		4.3 5.3	–		4.5 5.5	–		4.7 5.7	–
	C	0.2		3.4 4.2	–		3.6 4.3	–		3.7 4.5	–		3.8 4.7	–
	D	0.2		2.7 3.4	–		2.8 3.5	–		2.9 3.7	–		3.1 3.8	–
2	A	0.4	1600	9.3 11.0	–	1800	9.8 11.5	–	2000	10.1 11.9	–	2200	10.5 12.3	–
	B	0.6		7.8 9.4	–		8.2 9.8	–		8.6 10.1	–		8.8 10.4	–
	C	0.7		6.6 7.7	–		6.8 8.1	–		7.1 8.4	–		7.4 8.7	–
	D	0.8		5.3 6.1	–		5.6 6.4	–		5.8 6.6	–		6.0 6.9	–
3	A	0.9	2400	13.8 17.5	–	2700	14.2 18.3	–	3000	14.9 19.0	–	3300	15.4 19.9	–
	B	1.2		12.0 14.5	–		12.7 15.1	–		13.1 15.8	–		13.5 16.3	–
	C	1.5		9.9 12.0	20		10.3 12.5	21		10.8 13.0	21		11.2 13.5	21
	D	1.9		7.9 9.8	21		8.3 10.2	22		8.7 10.5	22		9.0 11.0	22
4	A	1.6	3200	18.8 22.0	23	3600	19.5 23.0	23	4000	20.0 24.0	23	4400	21.0 24.9	23
	B	2.0		15.8 19.0	24		16.4 20.0	24		17.0 20.0	24		17.6 21.4	24
	C	2.6		12.5 15.9	27		13.0 12.5	27		13.5 17.0	27		14.0 17.8	27
	D	3.0		10.2 12.6	28		8.3 10.2	29		8.7 10.5	29		11.4 14.0	29
5	A	2.4	4000	23.8 28.3	30	4500	24.8 29.9	30	5000	25.7 31.0	30	5500	26.8 32.0	30
	B	3.1		20.1 24.5	31		21.0 25.8	31		21.9 26.8	32		22.8 27.8	33
	C	4.0		16.7 19.8	34		17.3 20.7	34		18.0 21.5	35		18.8 22.3	36
	D	4.6		13.2 15.9	37		13.8 16.7	37		14.3 17.3	37		15.0 18.0	38

GXF-Y液槽型高效过滤送风箱 TANK TYPE HIGH EFFICIENCY FILTER

■结构示意图
Structure scheme



■**材质**：铝合金型材
■**特性**：
广泛用于对洁净度要求较高的民用或工业洁净场所的末端过滤；箱体采用高规格的挤压铝制结构，无铆接、焊接，100% 聚氨脂胶浸入式密封，箱体与过滤器结合部采用双嵌入式密封，保证100% 零泄漏率，配带DOP或PAO检测装置。
■**规格尺寸**：500m³/h、1000 m³/h、1500 m³/h、2000 m³/h，可依设计制造

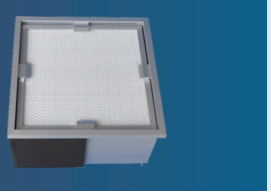
■**Materials**:aluminum alloy sections
■**Features**:
Widely used for termial filter at civil or industrial place which has higher requirement for cleaness;Box is made up of high-specification extruded aluminum structure, without riveting and welding,100% polyurethane adhesive immersed sealing.The integration of the box and the filter uses embedded dual seal, which guarantees100% of zero leakage rate and it is euipped with DOP or PAO testing device.
■**Specification**: 500m³/h、1000 m³/h、1500 m³/h、2000 m³/h，Size can be manufactured according to the design.

技术参数 TECHNICAL PARAMETERS

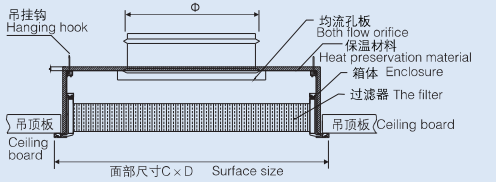
箱体（宽×高×深）Housing (W×H×D) (mm)	液槽过滤器（宽×高×深）Filter (W×H×D) (mm)	建议开孔 Recommended opening 尺寸长×宽（mm）	效率 Efficiency	风量 Airflow (CMH)	初压损 (Pa)@1.0M/S Initial Pressure	建议风管接口 Suggest duct interface 尺寸（mm）W×H	安装方式 Installation
525×525×280	430×430×93	500×500	H13	500	220	250×200	下装
			H14		220		
625×625×280	530×530×93	600×600	H13	1000	220	3200×200	下装
			H14		220		
725×725×280	630×630×93	700×700	H13	1500	220	400×200	下装
			H14		220		
1010×705×280	915×610×93	985×680	H13	2000	220	500×200	下装
			H14		220		
建议终压损：600Pa Recommended final pressure:600Pa							

※Pressure range ± 15%
风管尺寸250×200，320×200，400×200，500×200， 风管可加调节阀。特殊尺寸及规格可依客户要求制作。
Inlet collar size 250×200，320×200，400×200，500×200， Regulator valve is optional. Different sizes and Specifications are available.

GXF-C超净型高效过滤送风箱 SUPER CLEAN TYPE HIGH EFFICIENCY FILTER



■结构示意图
Structure scheme



■**材质**：铝合金型材
■**特性**：
广泛用于对洁净度要求较高的民用或工业洁净场所的末端过滤；箱体采用高规格的挤压铝制结构，无铆接、焊接，100% 聚氨脂胶浸入式密封，箱体与过滤器结合部采用双嵌入式密封，保证零泄漏率。
■**规格尺寸**：500m³/h、1000 m³/h、1500 m³/h、2000 m³/h，可依设计制造

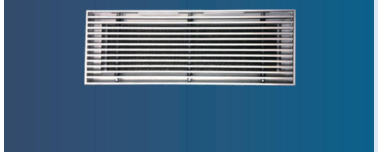
■**Materials**:aluminum alloy sections
■**Features**:
Widely used for termial filter at civil or industrial place which has higher requirement for cleaness;Box is made up of high-specification extruded aluminum structure,without riveting and welding. 100% polyurethane adhesive immersed sealing. The integration of the box and the filter uses embedded dual seal, which guarantees zero leakage rate.
■**Specification**: 500m³/h、1000 m³/h、1500 m³/h、2000 m³/h，Size can be manufactured according to the design.

技术参数 TECHNICAL PARAMETERS

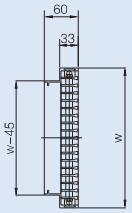
箱体（宽×高×深）Housing (W×H×D) (mm)	过滤器（宽×高×深）Filter (W×H×D) (mm)	建议开孔 Recommended opening 尺寸长×宽（mm）	效率 Efficiency	风量 Airflow (CMH)	初压损 Initial Pressure (pa)	建议风管接口 Suggest duct interface 尺寸（mm）ϕ	安装方式 Installation
505×505×280	430×430×93	470×470	H13	500	≦220	ϕ250	下装
			H14		≦220		
605×605×280	530×530×93	570×570	H13	1000	≦220	ϕ300	下装
			H14		≦220		
705×705×280	630×630×93	670×670	H13	1500	≦220	ϕ300	下装
			H14		≦220		
990×685×280	915×610×93	955×650	H13	2000	≦220	ϕ350	下装
			H14		≦220		
建议终压损：600Pa Recommended final pressure:600Pa							

※Pressure range ± 15%
风管尺寸14”（Φ350mm), 12”（Φ300mm),10”（Φ250mm). 风管可加调节阀。特殊尺寸及规格可依客户要求制作。
Inlet collar size 14”（Φ350mm), 12”（Φ300mm),10”（Φ250mm). Regulator valve is optional. Different sizes and Specifications are available.

YRFD型地板风口 THE FLOOR TUYERE



■结构示意图
Structure scheme



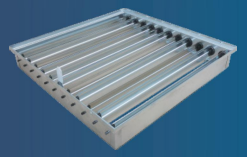
■材质：铝合金型材
■特性：
高规格的挤压铝质结构，叶片为两面吹型式，内芯可拆、安装方便，送风射流稳定，长度超过3米时，可以拼接。
■规格尺寸：可依设计制造

■ Materials:aluminum alloy sections
■ Features:
High standard extruded aluminum structure. The blade is of both blowing type. The inner core is removable and can be easily installed. Air jet is very stable and can be jointed splitly when the length is over 3 meters.
■Specification:Size can be manufactured according to the design.

YRFD型地板风口性能表 THE FLOOR TUYERE TECHNICAL PERFORMANCE

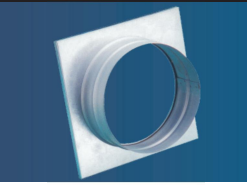
颈部面积 Neck area	吹出风速m/s Air supply velocity	1	2	3	4	5	6	7	8
0.053m²	风 量 CMH Air volume	191	382	572	763	954	1145	1336	1526
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	1.6	3.2	4.9	6.5	8.2	9.8	11.6	13.2
	发生噪音Db(A) Noise	–	–	27	34	40	45	49	53
0.063m²	风 量 CMH Air volume	227	454	680	907	1134	1361	1588	1814
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	1.8	3.6	5.4	7.3	9.2	11.0	13.0	14.9
	发生噪音Db(A) Noise	–	–	27	35	41	45	49	53
0.073m²	风 量 CMH Air volume	263	526	788	1051	1314	1577	1840	2102
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.0	4.1	6.1	8.1	10.2	12.2	14.3	16.4
	发生噪音Db(A) Noise	–	–	28	35	41	46	50	54
0.097m²	风 量 CMH Air volume	349	698	1048	1397	1746	2095	2444	2794
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.3	4.6	6.9	9.2	11.6	13.9	16.3	18.7
	发生噪音Db(A) Noise	–	–	29	36	42	47	51	55
0.121m²	风 量 CMH Air volume	436	871	1307	1742	2178	2614	3049	3485
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.6	5.1	7.8	10.2	13.0	16.5	18.2	21.0
	发生噪音Db(A) Noise	–	–	29	37	43	47	52	55
0.141m²	风 量 CMH Air volume	508	1015	1523	2030	2538	3046	3553	4061
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	2.8	5.7	8.6	11.3	14.3	17.3	20.3	23.3
	发生噪音Db(A) Noise	–	–	30	38	44	48	53	56
0.165m²	风 量 CMH Air volume	594	1188	1782	2376	2970	3564	4158	4752
	静压损失mmAq Static pressure loss	0.1	0.6	1.3	2.3	3.8	5.2	7.2	9.5
	到达距离m Reach distance	3.0	6.2	9.3	12.3	15.7	18.8	22.1	25.3
	发生噪音Db(A) Noise	–	–	31	38	44	49	53	57
0.185m²	风 量 CMH Air volume	666	1332	1998	2664	3330	3996	4662	5328
	静压损失mmAq Static pressure loss	0.1	0.6	1.5	2.5	4.0	5.0	7.0	9.0
	到达距离m Reach distance	3.3	6.6	10.0	13.5	17.0	20.0	24.0	27.0
	发生噪音Db(A) Noise	–	21	32	39	45	50	54	58
0.209m²	风 量 CMH Air volume	752	1505	2257	3010	3762	4514	5267	6019
	静压损失mmAq Static pressure loss	0.1	0.6	1.5	2.5	4.0	5.0	7.0	9.0
	到达距离m Reach distance	3.5	7.0	11.0	14.0	18.0	21.0	25.0	29.0
	发生噪音Db(A) Noise	–	21	32	40	46	50	55	58

YS1风量调节开关 AIR VOLUME CONTROL SWITCH



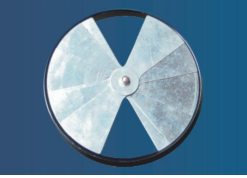
■材质：镀锌板
■特性：
1.叶片为人字形开启方式，可调节任意角度，且自锁性好。
2.最大尺寸600×600，超过时采用多个拼接。
■规格尺寸：配合风管或风口尺寸
■Material:galvanized sheet
■Features:
1.The leaf can be opened in herringbone way and the angle can be adjusted randomly.It also has good self-locking.
2.The biggest size is 600×600. It can be joint together if the size surpasses.
■Specification:to fit for the size of the air pipe or outlet

YS2方圆罩 SQUARE CIRCULAR COVER



■材质：镀锌板
■特性：YS2型方圆罩圆颈处可方便地与铝箔伸缩软管连接。
■规格尺寸：配合风管或风口尺寸
■Material: Galvanized sheet
■Features:The neck of the YS2 square circular cover can easily be connected with the telesopic aluminium foil hose.
■Specification:to fit for the size of the air pipe or outlet

YCS扇型风量调节开关 SECTOR AIR VOLUME CONTROL SWITCH

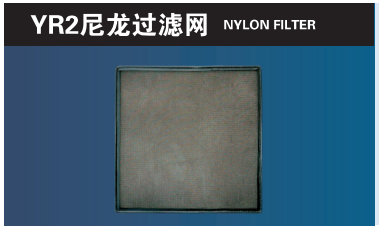


■材质：镀锌钢板
■特性：叶片呈扇形分布，具有整流风量，使风均匀的效果
■规格尺寸：ϕ150 ϕ200
ϕ250 ϕ300
ϕ350 ϕ400
■Material:galvanized steel plate
■Features:The leaf is distributed like a fan and it has such effect as air rectification and uniform air supply.
■Specification: ϕ150 ϕ200
ϕ250 ϕ300
ϕ350 ϕ400

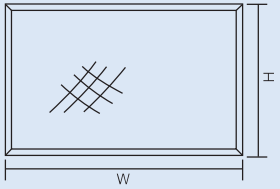
YSK风量测定孔 AIR DETECTION HOLE

■材质：铝合金
■特性：直接安装在需测试的风管上，作系统风量、风压测试时的仪器探头测量孔。
■规格尺寸：厚度（短颈或长颈）
■Material:aluminum alloy
■Features: it is directly installed on the air pipe which needs to be tested. Workedas the test probe for system air volume and air pressure test.
■Specification:thickness (short neck or long neck)

YR2尼龙过滤网 NYLON FILTER



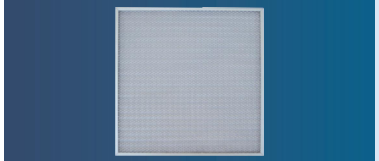
■结构示意图
Structure scheme



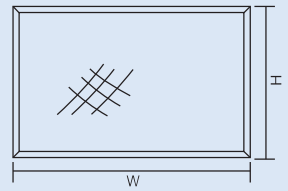
■**材质**：尼龙棉凸网
■**特性**：采用φ5圆钢作衬框， 将尼龙锦凸网包上绷紧即可，也可外包铝合金外框，过滤效率G1。
■**规格尺寸**：W×H 配合风管或风口尺寸

■**Material:**nylon wool convex mesh
■**Features:**Use φ5 round steel as inner frame and packed with nylon wool convex mesh tightly or packed with aluminium alloy outer frame Filtration efficiency G1
■**Specfication:**W×H to fit for the size of air pipe or air outlet

YR3铝合金过滤网 ALUMINIUM ALLOY FILTER



■结构示意图
Structure scheme



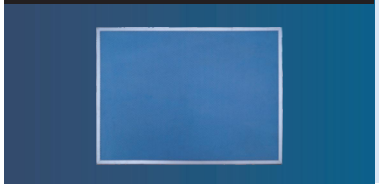
■**材质**：铝板网
■**特性**：采用2-3种不同厚度及密度的铝板网、加工成波纹状纵横交叉叠合而成，外包铝合金外框，过滤效率G2。
■**规格尺寸**：W×H 配合风管或风口尺寸

■**Material:**aluminum expanded sheets
■**Features:**Use 2-3 kinds of aluminium expanded sheets with different thickness and density to be corrugated intercross and packed with aluminium alloy outer frame Filtration efficiency G2
■**Specfication:**W×H to fit for the size of air pipe or air outlet

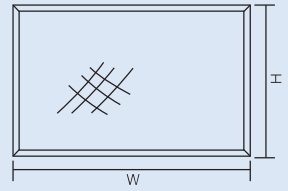
YR3铝合金过滤网技术性能表 ALUMINIUM ALLOY FILTER TECHNICAL PERFORMANCE

序号 Number	试件净面积 (m^2) Test-piece net area	厚度 Thickness		在风速为(如下)时的静压损失mmH₂O Static pressure loss under (following) air velocity			中均效率% Average efficiency %		容尘量(g/m2) Dust containing capacity(g/m^2)	
		纲子层数 Number of layers	排列厚度 Arrangement of thickness mm	0.77 m/S	1.54 m/S	2.62 m/S	测定时阻力范围 mmH₂O Range of resistance when testing	n	阻力范围mmH₂O Range of resistance	(称量计算)G Weighing calculation
1	0.19	5	19	-0	0.60	1.50	1.2-2.4	61.00	0-2.4	648
2	0.193	6	19	-0	0.69	1.35	1.5-2.4	62.78	0-2.4	674
3	0.193	7	19	-0	0.60	1.80	1.2-2.4	67.92	0-2.4	933
4	0.193	8	19	-0	0.60	1.80	0-3.0	67.97	0-2.4	1450

YR5板式过滤器 ALUMINIUM ALLOY FILTER



■结构示意图
Structure scheme



■**材质**：无纺布、铝型材外框
■**特性**：一般应用于中央空调和集中通风系统，燃气轮机与空气压缩机预过滤，过滤效率G3。
■**规格尺寸**：W×H配合风管或风口尺寸
■**过滤效率**：G3

■**Material:**polyester、Bxtrded frome
■**Features:**prefilters are genererally used as primary filtration in central air conditioning and centrd ventiilation systems,gas turbines, dnd air compressors Filtration efficiency G3
■**Specfication:**（wxh） to fit for the size of air pipe or airoutlet.

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概 述 Summarization

以往在许多空间较高的空调工程中经常会遇到冬季暖风送不到地面工作区域，夏季冷风又过快的送到工作区的情况，使人体感不舒服。遇到这种现象，以前在冬夏季一般是通过采用电动或手动的方式改变风口叶片的角度或位置，使冬夏季的冷暖风适当地送到地面工作区域。

现在我国的一些空调项目中开始采用温度感知型传感器（我们称为感温执行器）来调整冬夏季风口叶片的角度或位置，这种感温风口比电动风口更具有环保节能的特性，无需电动或手动调节，安装时不需要电气配线，没有运营成本，低碳节能，根据冬夏季的送风温度自动调整叶片。感温执行器调整叶片的温度范围是：冬季27°以上，夏季17°以下自动调节气流吹出角度。夏季通过感温执行器自动调整叶片，使冷风采用水平吹出形式（因为冷气比一般空气重），这样就不会产生体感气流，让冷气与周围的热气快速混合，使得送到工作区的温度舒适宜人；冬季通过感温执行器自动调整叶片，使暖风采用垂直向下或斜下方向吹出的形式（因为暖气比一般空气轻），有效克服了暖气流向上积聚的现象，保证了有效地送风距离，吹出的暖气相应到达人员的活动区域。

THE TEMPERATURE OF TUYERE SERIES

In some air-conditioning engineering with higher space, we will always face such problem like that the hot wind cannot reach the floor in Winter and the cold wind reaches the floor too fast in Summer, which make people feel uncomfortable. When we are facing such problems, we used to change the angle or position of the outlet leaf electrically or manually in Winter and Summer.

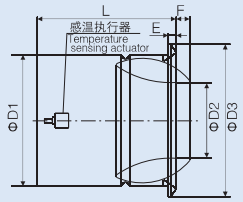
Currently in some air-conditioning projects,we start to use temperature sensitive sensor (we call it "temperature sensing actuator") to adjust the angle or position of the outlet leaf in Winter and Summer. Such temperature sensing outlet has more features about environmental protection and energy saving.It doesn't need to be adjusted electrically or manually. It doesn't need electrical wiring when being assembled.And it has no operation cost. It is low carbon and energy saving. It can adjust the leaf automatically according to the air supply temperature in Winter and Summer. The temperature scope for the termperture sensing actuator is that it will adjust the air supply angle when the temperature is above 27℃ in Winter and below 17℃ in Summer. When we use termperature sensing actuator to adjust the leaf in Summer,it can make the air flows horizontally(as the cold air is ususally heavier than air). In this way,there won't be somatic airflow and it can make the cold air to mix with the surrounding hot air rapidly, furthermore, it can make us feel very comfortable about the temper-ature. In Winter, the temperature sensing actuator can adjust the leaf automatically and make the air flow vertically or obliquely (as the hot air is ususally lighter than than air).Therefore, it prevents the hot air fromaccumulating upwardly and ensures the air supply distance. Moreover, it also ensures that the hot air supply can reach the region where people move.

高 端 空 调 末 端 设 备 制 造 者

Research and development of environmental protection product Offers between changes in temperature

YCY-W 感温球型远程喷口 TEMPERATURE SENSING BALL TYPE REMOTE NOZZLE

■结构示意图
Structure scheme



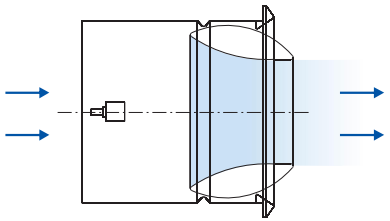
■特性：

YCY-W感温球型远程喷口颈部装有感温执行器，能自动感测气流温度，并自动驱动内层喷口以改变送风角度。当夏季送风温度≤17℃时,喷口气流呈水平吹出；当冬季送风温度≥27℃时，喷口气流呈斜下方向吹出。可满足冬夏季不同工况下的送风要求。感温执行器无需人工或电源及电控设备，具有节能、环保、性能稳定、安装简便、免维护等优点。

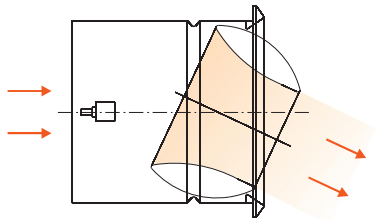
■Feature:

YCK-W temperature sensing ball type remote nozzle outlet assembles temperature sensing actuator in the neck and can sense the airflow temperature automatically.And it can drive inside nozzle automatically to change the air supply angle. When the air supply temperature is ≤17℃ in Summer, the nozzle flows the air horizontally. When the air supply temperature is ≥27℃ in Winter, the nozzle flows the air obliquely. Therefore, it can meet air supply requirement both in Summer and Winter. The temperature sensing actuator doesn' t need manual or power electronic equipment. It has such features as energy saving, environmental protection, stable fuction, simple assemly as well as easy maintenance.

YCY-W 感温球型远程喷口两种工况 TWO WORKING CONDITIONS FOR TEMPERATURE SENSING BALL TYPE REMOTE NOZZLE OUTLET



■供冷工况 (17℃以下)
Cooling mode (17℃)



■供暖工况 (27℃以上)
Heating mode (≥27℃)

尺寸表 SIZE TABLE

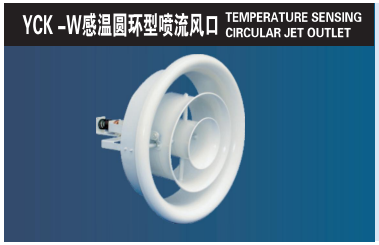
规格 Specification	ϕD1	ϕD2	ϕD3	L	F	E
ϕ200	198	108	257	260	14	19
ϕ250	248	136	302	358	22	20
ϕ315	313	174	380	388	27	20
ϕ400	397	230	470	406	49	24
ϕ500	495	300	574	430	90	24
ϕ630	625	380	735	490	110	28

YCY-W 感温球型远程喷口技术性能 TECHNICAL FEATURES FOR TEMPERATURE SENSING BALL TYPE REMOTE NOZZLE OUTLET

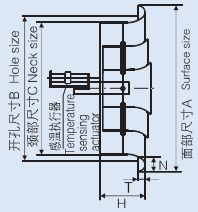
规格 specification	喉口风速(m/s) Throat velocity	1	2	3	4	5	6	7	8	9	10
ϕ200	风量(m^3/h) Air volume	111	222	333	433	554	665	776	887	998	1108
	出口风速(m/s) Outlet velocity	4	8	12	16	20	24	29	33	37	41
	全压损失(pa) Total pressure loss	7	28	59	105	163	235	323	425	543	675
	射程(m) Range	4.2	6.8	9.1	11.3	12.7	14.1	17	19.1	21.2	24
	发生噪音dB(A) Noise	—	—	22	26	31	35	40	46	52	59
ϕ250	风量(m^3/h) Air volume	174	348	522	696	869	1043	1217	1391	1565	1739
	出口风速(m/s) Outlet velocity	3	7	10	13	17	20	23	27	30	33
	全压损失(pa) Total pressure loss	7	28	59	105	163	235	323	425	543	675
	射程(m) Range	5.1	8.5	11.5	14.2	16	17.8	20.5	24	26.7	29.3
	发生噪音dB(A) Noise	—	—	23	27	32	37	42	48	53	61
ϕ315	风量(m^3/h) Air volume	277	554	831	1108	1385	1662	1939	2216	2493	2770
	出口风速(m/s) Outlet velocity	3	6	10	13	16	19	23	26	29	32
	全压损失(pa) Total pressure loss	6	24	51	90	145	208	280	366	478	576
	射程(m) Range	5	8.5	13.4	16.4	18.7	21.1	25.5	28.9	32.2	35.5
	发生噪音dB(A) Noise	—	21	25	29	33	38	43	50	55	63
ϕ400	风量(m^3/h) Air volume	448	896	1344	1791	2239	2687	3135	3583	4031	4479
	出口风速(m/s) Outlet velocity	3	6	9	12	15	18	21	24	27	30
	全压损失(pa) Total pressure loss	6	24	51	90	145	208	280	366	478	576
	射程(m) Range	6.6	11.3	16	20	23.2	26.4	30.8	35.2	39.6	44
	发生噪音dB(A) Noise	—	23	28	33	36	41	45	52	58	66
ϕ500	风量(m^3/h) Air volume	700	1400	2100	2800	3500	4200	4900	5600	6300	7000
	出口风速(m/s) Outlet velocity	3	6	9	12	15	18	21	24	27	30
	全压损失(pa) Total pressure loss	6	25	55	95	150	218	300	380	495	605
	射程(m) Range	7.2	12	18.5	35	39	44	49	55	65	72
	发生噪音dB(A) Noise	21	24	29	34	39	44	50	56	62	70
ϕ630	风量(m^3/h) Air volume	1120	2240	3360	4480	5600	6720	–	–	–	–
	出口风速(m/s) Outlet velocity	3.5	7	10.5	14	17.5	21	–	–	–	–
	全压损失(pa) Total pressure loss	10	38	86	154	230	325	–	–	–	–
	射程(m) Range	15	24	31	37	45	50	–	–	–	–
	发生噪音dB(A) Noise	22	31	37	44	50	54	–	–	–	–

※ 射程以终端风速在 0.5 m/s 处测得。 The range is measured when the terminal air velocity is at 0.5m/s

YCK -W感温圆环型喷流风口 TEMPERATURE SENSING CIRCULAR JET OUTLET



■结构示意图
Structure scheme



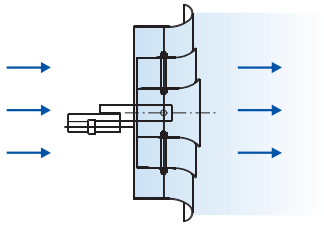
■特性：

YCK-W感温圆环型喷流风口颈部装有感温执行器，能自动感测气流温度，并自动驱动内层喷口以改变送风角度。当夏季送风温度≤17℃时，喷口气流呈水平吹出；当冬季送风温度≥27℃时，喷口气流呈斜下方向吹出。可满足冬夏季不同工况下的送风要求。感温执行器无需人工或电源及电控设备,具有节能、环保、性能稳定、安装简便、免维护等优点。

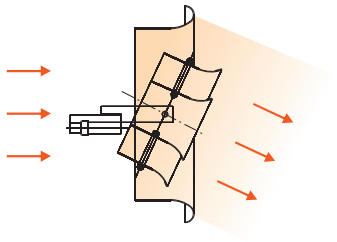
■ Feature:

YCK-W temperature sensing circular jet outlet assembles temperature sensing actuator in the neck and can sense the airflow temperature automatically. And it can drive inside nozzle automatically to change the air supply angle. When the air supply temperature is ≤17℃ in Summer, the nozzle flows the air horizontally. When the air supply temperature is ≥27℃ in Winter, thenozzle flows the air obliquely. Therefore, it can meet air supply requirement both in Summer andWinter. The temperature sensing actuator doesn' t need manual or power electronic equipment. It has such features as energy saving, environmental protection, stable fuction, simple assemlyas well as easy maintenance.

YCK-W 感温圆环型喷流风口两种工况 TWO WORKING CONDITIONS FORTEMPERATURE SENSING BALL TYPE REMOTE NOZZLE OUTLET



■供冷工况 (17℃以下)
Cooling mode (17℃)



■供暖工况 (27℃以上)
Neating mode (≥27℃)

尺寸表 SIZE TABLE

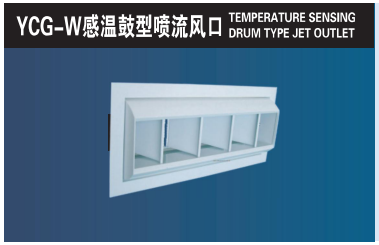
C	B	A	T	N	H
ϕ150	ϕ166	ϕ203	11	28	60
ϕ200	ϕ216	ϕ256	12	30	70
ϕ250	ϕ266	ϕ308	13	32	80
ϕ300	ϕ316	ϕ367	14	35	90
ϕ350	ϕ366	ϕ427	16	40	100
ϕ400	ϕ416	ϕ487	18	45	110
ϕ450	ϕ466	ϕ548	20	50	120

YCK-W 感温圆环型喷流风口技术性能 TECHNICAL FEATURES FOR TEMPERATURE SENSING CIRCULAR JET OUTLET

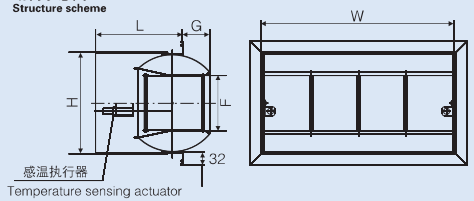
规格C Specification	颈部风速m/s Neck air velocity		2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
	静压损失 Static pressure loss pa	冷风时 Cooling mode	2	5	8	13	18	25	32	40
		热风时 Heating mode	5	11	20	31	45	61	79	100
ϕ150	风量m^3/h Air volume		127	190	254	317	381	445	508	571
	射程m Range		2.7	4.2	5.6	7.0	8	9.8	11.3	12.7
	噪声 Noise dB(A)	冷风时 Cooling mode	–	–	–	22	25	28	30	34
		热风时 Heating mode	–	–	21	26	29	32	34	38
ϕ200	风量m^3/h Air volume		226	339	452	565	678	791	904	1017
	射程m Range		3.5	5.3	7.1	9.0	11	12.7	14.5	16.3
	噪声 Noise dB(A)	冷风时 Cooling mode	–	–	–	24	27	30	33	36
		热风时 Heating mode	–	–	26	18	31	34	37	40
ϕ250	风量m^3/h Air volume		353	530	706	883	1059	1236	1413	1589
	射程m Range		4.5	6.8	9.0	11.3	13.6	15.8	18.1	20.3
	噪声 Noise dB(A)	冷风时 Cooling mode	–	–	24	27	30	33	36	39
		热风时 Heating mode	–	–	28	31	34	37	40	43
ϕ300	风量m^3/h Air volume		508	762	1016	1270	1524	1778	2032	2286
	射程m Range		5.4	8.1	10.8	13.6	16.3	19.0	21.7	24.4
	噪声 Noise dB(A)	冷风时 Cooling mode	–	–	25	28	31	34	37	40
		热风时 Heating mode	–	–	29	32	35	38	41	44
ϕ350	风量m^3/h Air volume		692	1038	1384	1731	2077	2423	2769	3115
	射程m Range		6.3	9.5	12.7	15.8	19.0	22.1	25.3	28.5
	噪声 Noise dB(A)	冷风时 Cooling mode	–	–	26	29	32	35	38	41
		热风时 Heating mode	–	23	30	33	36	39	42	45
ϕ400	风量m^3/h Air volume		904	1356	1808	2260	2712	3165	3617	4069
	射程m Range		7.2	10.8	14.5	18.1	21.7	25.3	28.9	32.5
	噪声 Noise dB(A)	冷风时 Cooling mode	–	21	27	30	33	36	39	42
		热风时 Heating mode	–	25	31	34	37	40	43	46
ϕ450	风量m^3/h Air volume		1144	1716	2289	2861	3433	4005	4578	5150
	射程m Range		8.1	12.2	16.3	20.3	24.4	28.5	32.5	36.6
	噪声 Noise dB(A)	冷风时 Cooling mode	–	22	28	31	34	37	40	43
		热风时 Heating mode	–	26	32	35	38	41	44	47

※ 到达距离为风速在0.5m/s处测得。 The reach distance is measured when the air velocity is at

YCG-W感温鼓型喷流风口 TEMPERATURE SENSING DRUM TYPE JET OUTLET



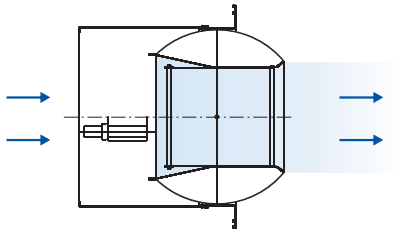
■结构示意图
Structure scheme



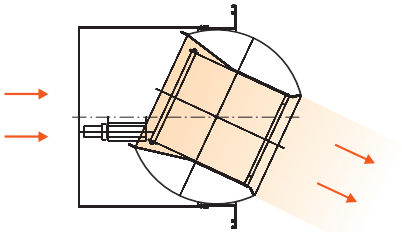
■特性：
YCG-W感温鼓型喷流风口颈部装有感温执行器，能自动感测气流温度，并自动驱动鼓体喷口以改变送风角度。当夏季送风温度≤17℃时，喷口气流呈水平吹出；当冬季送风温度≥27℃时，喷口气流呈斜下方向吹出。可满足冬夏季不同工况下的送风要求。感温执行器无需人工或电源及电控设备,具有节能、环保、性能稳定、安装简便、勉维护等优点。

■ Feature:
YCG-W temperature sensing drum type jet outlet assembles temperature sensing actuator in the neck and can sense the airflow temperature automatically. And it can drive drum type jet automatically to change the air supply angle. When the air supply temperature is≤17℃ in Summer, the nozzle flows the air horizontally. When the air supply temperature is ≥27℃ in Winter, the nozzle flows the air obliquely. Therefore, it can meet air supply requirement both in Summer and Winter. The temperature sensing actuator doesn't need manual or power electronic equipment. It has such features as energy saving, environmental protection, stable fuction, simple assemly as well as easy maintenance.

YCG-W感温鼓型喷流风口两种工况 TWO WORKING CONDITIONS FOR TEMPERATURE SENSING DRUM TYPE JET OUTLET



■供冷工况 (17℃以下)
Cooling mode (17℃)



■供暖工况 (27℃以上)
Heating mode (≥27℃)

尺寸表 SIZE TABLE

颈部尺寸(W×H)Neck size	W	H	F	G	L
500×250	500	250	135	65	215
650×250	650	250	135	65	215
750×250	750	250	135	65	215
500×300	500	300	178	80	240
650×300	650	300	178	80	240
750×300	750	300	178	80	240

YCG-W感温鼓型喷流风口技术性能 TECHNICAL FEATURES FOR TEMPERATURE SENSING DRUM TYPE JET OUTLET

颈部尺寸 neck size mm 面积m^2 area									
	风速 m/s Air velocity	1	1.5	2	2.5	3	3.5	4	4.5
	全压损失 Pa Total pressure loss	4	10	17	26	37	50	65	82
500×250 (0.125)	风量 CMH Air volume	450	675	900	1125	1350	1575	1800	2025
	到达距离 m Reach distance	4.0–8.3	6.1–10.5	8.3–12.0	9.4–13.3	10.5–14.6	11.2–16.0	12.0–17.1	12.7–18.0
	发生噪音dB(A) Noise	—	—	11	18	24	29	34	38
650×250 (0.1625)	风量 CMH Air volume	585	878	1170	1463	1755	2048	2340	2633
	到达距离 m Reach distance	4.7–9.4	6.8–11.7	9.4–13.5	10.5–14.9	11.6–16.3	12.7–18.0	13.4–18.9	14.2–20.4
	发生噪音dB(A) Noise	—	—	13	20	26	32	36	40
750×250 (0.1875)	风量 CMH Air volume	675	1013	1350	1688	2025	2363	2700	3038
	到达距离 m Reach distance	5.0–10.1	7.5–12.6	10.1–14.6	11.5–16.2	12.6–18.0	13.7–19.6	14.8–20.8	15.5–22.0
	发生噪音dB(A) Noise	—	—	13	21	26	32	37	41
900×250 (0.225)	风量 CMH Air volume	810	1215	1620	2025	2430	2835	3240	
	到达距离 m Reach distance	5.3–11.2	8.3–13.7	11.2–16.0	12.6–17.9	13.7–19.6	14.7–21.1	15.9–22.6	
	发生噪音dB(A) Noise	—	—	15	22	29	34	38	
1000×250 (0.25)	风量 CMH Air volume	900	1350	1800	2250	2700	3150	3600	
	到达距离 m Reach distance	5.6–12.0	9.0–14.6	12.0–17.1	13.4–18.8	14.8–21.0	15.9–22.4	17.0–24.3	
	发生噪音dB(A) Noise	—	—	16	24	30	35	39	
500×300 (0.15)	风量 CMH Air volume	540	810	1080	1350	1620	1890	2160	2430
	到达距离 m Reach distance	4.2–9.0	6.8–11.2	9.0–13.0	10.4–14.6	11.2–16.0	12.2–17.4	13.0–18.5	13.6–19.6
	发生噪音dB(A) Noise	—	—	11	19	25	30	35	39
650×300 (0.195)	风量 CMH Air volume	702	1053	1405	1755	2106	2457	2808	3159
	到达距离 m Reach distance	4.7–10.1	7.5–12.5	10.0–14.7	11.5–16.3	12.4–18.0	13.6–19.6	14.4–20.6	15.0–22.4
	发生噪音dB(A) Noise	—	—	13	20	27	32	36	40
750×300 (0.225)	风量 CMH Air volume	810	1215	1620	2025	2430	2835	3240	
	到达距离 m Reach distance	5.3–11.2	8.3–13.7	11.2–16.0	12.6–17.9	13.7–19.6	14.7–21.1	15.9–22.6	
	发生噪音dB(A) Noise	—	—	15	22	29	34	38	
900×300 (0.27)	风量 CMH Air volume	972	1458	1944	2430	2916	3402	3888	
	到达距离 m Reach distance	5.8–12.4	9.0–14.9	12.2–17.6	13.7–19.6	14.8–21.2	16.2–23.0	17.3–24.7	
	发生噪音dB(A) Noise	—	—	16	23	30	36	40	

※ 1.到达距离以终端风速在0.5m/s–0.25m/s测得。
2. NC值以室内吸收减量10dB又10^{-12}瓦特为基准。
3. NC值[–]表示NC在10以下。
4.测试角度以0° 角度吹出测试。

1. The reach distance is measured when the terminal air velocity is at 0.5m/s – 0.25m/s.
2. NC value is based on the value of the indoor absorption attenuation to be 10dB and 10^{-12} watt.
3. [–] means NC value is below 20.
4. The testing angle is 0° .

吹出角度改变时修正如下
Correction is in the following when we change the air blowing angle

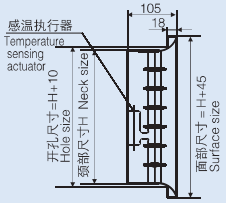
吹出角度 Air blowing angle	0°	15°	30°
全压损失 Total pressure loss	1	1.25	1.79
到达距离 Reach distance	1	0.53	0.66
NC	0	±3	±6

例：若以30° 角度吹出则全压损失乘以1.79到达距离乘以0.66而NC值则加6。

E.g.: If the air blows at 30° , then the total pressure loss should multiply 1.79, the reach distance should multiply 0.66 while NC value should plus 6.

YRH-W感温翼型变风向喷口 TEMPERATURE SENSING VARIABLE WIND AIRFOIL NOZZLE

■结构示意图
Structure scheme



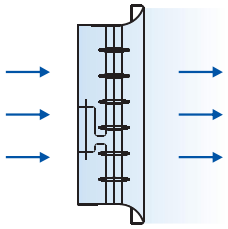
■特性：

YRH-W感温翼型变风向喷口颈部装有感温执行器，叶片采用翼型设计，具有阻力小、射程远、造型美观等特点。能自动感测气流温度，并自动调节出风方向。当夏季送风温度≤17℃时，叶片可以自动调节到供冷模式，气流呈水平吹出；当冬季送风温度≥27℃时，叶片可以自动调节到供暖模式，气流呈斜下方向吹出，可抑制热风向上飘移的特性，快速达到设计温度。可满足冬夏季不同工况下的送风要求。感温执行器无需人工或电源及电控设备,具有节能、环保、性能稳定、安装简便、免维护等优点。

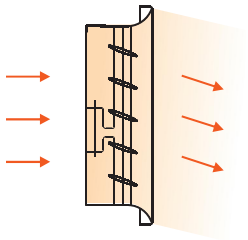
■Feature:

YRH-W temperature sensing variable wind airfoil nozzle assembles temperature sensing actuator in the neck. The leaf use airfoil design and has such features like small resistance, far range and beautiful outlook. It can sense the airflow temperature and adjust the direction automatically. When the air supply temperature is ≤17℃ in Summer, the leaf can be adjusted to cooling mode and the nozzle flows the air horizontally. When the air supply temperature is ≥27℃ in Winter, the leaf can be adjusted to heating mode and the nozzle flows the air obliquely, which can prevent the hot air from drifting upward and reach the designed temperature rapidly. Therefore, it can meet air supply requirement both in Summer and Winter. The temperature sensing actuator doesn't need manual or power electronic equipment. It has such features as energy saving, environmental protection, stable fuction, simple assemly as well as easy maintenance.

YRH-W 感温翼型变风向喷口两种工况 TWO WORKING CONDITIONS FOR TEMPERATURE SENSING VARIABLE WIND AIRFOIL NOZZLE



■供冷工况 (17℃以下)
Cooling mode (17℃)



■供暖工况 (27℃以上)
Heating mode (≥27℃)

尺寸表 SIZE TABLE

规格 (W×H) Specification	规格 (W×H) Specification	规格 (W×H) Specification
400×200	500×250	600×300
500×200	600×250	700×300
600×200	700×250	800×300

※ 规格之外尺寸也可依设计制造。 It can be produced according to the design if the size is out of spec.

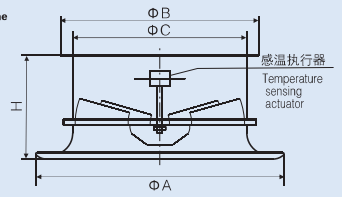
YRH-W 感温翼型变风向喷口技术性能 TECHNICAL FEATURES FOR TEMPERATURE SENSING VARIABLE WIND AIRFOIL NOZZLE

尺寸 Size	颈部风速 m/s Neck air velocity		2.0	3.0	4.0	5.0	6.0	7.0	8.0
	静压损失 pa Static pressure loss	水平 Horizontally	5	10	17	28	39	52	68
		斜下 Obliquely	7	15	26	41	58	78	103
400×200	风量 CMH Air volume		394	591	788	985	1182	1379	1576
	到达距离 m Reach distance		4.1	6.2	8.2	10.5	12.5	14.6	17
	发生噪声dB (A) Noise	水平 Horizontally	–	26	32	37	41	44	47
		斜下 Obliquely	21	30	35	40	44	47	50
500×200	风量 CMH Air volume		498	746	995	1244	1493	1742	1991
	到达距离 m Reach distance		4.6	7	9.4	11.9	14.2	16.6	19.0
	发生噪声dB (A) Noise	水平 Horizontally	–	27	33	38	42	45	48
		斜下 Obliquely	22	30	36	41	45	48	51
600×200	风量 CMH Air volume		601	902	1203	1503	1804	2105	2405
	到达距离 m Reach distance		5.1	7.8	10.4	13.0	15.7	18.3	20.9
	发生噪声dB (A) Noise	水平 Horizontally	–	28	34	39	43	46	49
		斜下 Obliquely	22	31	37	42	46	49	52
500×250	风量 CMH Air volume		636	954	1272	1590	1908	2226	2544
	到达距离 m Reach distance		5.4	8.0	10.7	13.4	16.1	18.8	21.5
	发生噪声dB (A) Noise	水平 Horizontally	–	28	34	39	43	46	49
		斜下 Obliquely	23	31	37	42	46	49	52
600×250	风量 CMH Air volume		768	1153	1537	1921	2305	2689	3074
	到达距离 m Reach distance		5.9	8.8	11.8	14.7	17.7	20.6	23.6
	发生噪声dB (A) Noise	水平 Horizontally	–	29	35	40	44	47	50
		斜下 Obliquely	24	32	38	43	47	50	53
700×250	风量 CMH Air volume		901	1351	1802	2252	2703	3153	3603
	到达距离 m Reach distance		6.4	9.6	12.8	16.0	19.2	22.4	25.5
	发生噪声dB (A) Noise	水平 Horizontally	21	30	36	41	45	48	50
		斜下 Obliquely	24	33	39	44	48	51	54
600×300	风量 CMH Air volume		935	1403	1871	2339	2806	3274	3742
	到达距离 m Reach distance		6.5	9.8	13.0	16.3	19.5	22.8	26.0
	发生噪声dB (A) Noise	水平 Horizontally	21	30	36	41	45	48	50
		斜下 Obliquely	24	33	39	44	48	51	54
700×300	风量 CMH Air volume		1097	1645	2193	2742	3290	3838	4387
	到达距离 m Reach distance		7.0	10.6	14.1	17.6	21.1	24.7	28.2
	发生噪声dB (A) Noise	水平 Horizontally	22	31	37	42	45	49	52
		斜下 Obliquely	2.5	34	40	45	48	52	55
800×300	风量 CMH Air volume		1258	1887	2516	3145	3774	4403	5032
	到达距离 m Reach distance		7.5	11.3	15.1	18.9	22.6	26.4	30.2
	发生噪声dB (A) Noise	水平 Horizontally	23	31	37	42	46	49	52
		斜下 Obliquely	26	34	40	45	49	52	55

※ 1.到达距离是指风口到风速0.5m/s处的距离。 The reach distance is measured from the outlet to the place where the air velocity is at 0.5m/s.
2.压损失和发生噪音的值分水平吹出和斜向吹出表示。The value for static pressure and noise is shown by air flowing horizontally and obliquely.

YXL-W-A感温旋流风口 TEMPERATURE SENSING SWIRL DIFFUSER

■结构示意图
Structure scheme



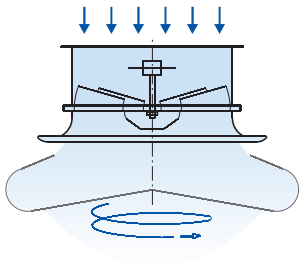
■特性：

YXL-W-A感温旋流风口颈部装有感温执行器，能自动感测气流温度，并自动驱动内层叶片以改变送风角度。当夏季送风温度≤17℃时，叶片可以自动调节到供冷模式，气流呈水平吹出；当冬季送风温度≥27℃时，叶片可以自动调节到供暖模式，气流呈垂直方向吹出。可满足冬夏季不同工况下的送风要求。感温执行器无需人工或电源及电控设备,具有节能、环保、性能稳定、安装简便、免维护等优点。

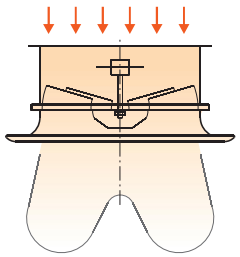
■Feature:

YXL-W-A temperature sensing swirl diffuser assembles temperature sensing actuator in the neck.It can sense the airflow temperature and drive the inside leaf to adjust the airflow direction automatically. When the air supply temperature is ≤17℃ in Summer, the leaf can be adjusted to cooling mode and the nozzle flows the air horizontally. When the air supply temperature is ≥27℃ in Winter, the leaf can be adjusted to heating mode and the nozzle flows the air vertically. Therefore, it can meet air supply requirement both in Summer and Winter. The temperature sensing actuator doesn't need manual or power electronic equipment. It has such features as energy saving, environmental protection, stable fuction, simple assemly as well as easy maintenance.

YXL-W-A 感温旋流风口两种工况 TWO WORKING CONDITIONS FOR TEMPERATURE SENSING SWIRL DIFFUSER



■供冷工况 (17℃以下)
Cooling mode (17℃)



■供暖工况 (27℃以上)
Heating mode (≥27℃)

尺寸表 SIZE TABLE

ϕC	ϕB	ϕA	H
ϕ250	ϕ300	ϕ366	166
ϕ315	ϕ365	ϕ468	203
ϕ400	ϕ450	ϕ568	230
ϕ500	ϕ550	ϕ688	245
ϕ630	ϕ686	ϕ872	283
ϕ800	ϕ858	ϕ1078	310

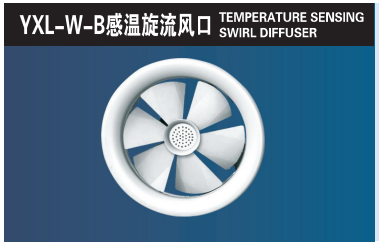
YXL-W-A 感温旋流风口技术性能 TECHNICAL FEATURES FOR TEMPERATURE SENSING SWIRL DIFFUSER

规格 Specification / 项目 Item	风量 Air volume CMH	压损 Pressure loss Pa	噪音 Noise dB(A)	供冷到达距离 m Cooling reach distance △t= -8℃	供暖到达距离 m Heating reach distance △t= +15℃
ϕ250	300	10	23	1.7	1.4
	500	28	35	3.0	2.6
	600	40	46	3.7	3.3
	800	82	51	5.0	4.5
	1000	99	56	6.0	5.3
ϕ315	500	23	25	1.8	1.5
	800	60	36	3.1	2.7
	1100	100	45	3.5	3.1
	1300	142	52	4.7	4.2
	1600	205	57	6.0	5.3
ϕ400	800	11	27	2.7	2.2
	1200	25	38	3.8	3.2
	1600	43	47	5.2	4.3
	2000	68	53	6.5	5.3
	2400	102	58	7.7	6.5
ϕ500	1200	12	28	2.1	1.7
	1600	23	39	3.2	2.8
	2000	29	45	3.6	3.2
	3000	82	52	5.3	4.6
	3500	96	58	6.2	5.5
ϕ630	1900	19	30	3.4	3.0
	2600	33	40	4.2	3.8
	3300	50	46	5.7	5.3
	4000	86	55	6.9	6.4
	4800	128	59	8.4	7.7
ϕ800	2800	30	41	3.9	3.6
	3600	56	48	4.8	4.3
	4400	65	55	6.3	5.7
	5200	93	59	7.6	6.5
	6000	136	63	9.5	8.3

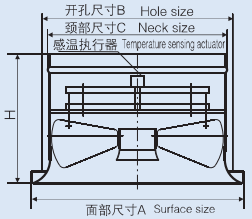
※ 1.到达距离为末端风速在0.5m/s处测得。
2.表中供冷到达距离为45度送风角时的数值。
3.表中供暖到达距离为75度送风角时的数值。
4.如需改变送风距离，则可以用调节叶片角度的方式来得到。
(不同送风角度下的详细技术数据请咨询我司技术部)

1.The reach distance is measured when the terminal air velocity is at 0.5m/s.
2.The cooling reach distance is measured when the angle of air supply is at 45° .
3.The heating reach distance is measured when the angle of air supply is at 75° .
4.If you want to change the air supply angle, you can adjust the leaf angle.
(Please consult our technical department for detailed data about different air supply angle.)

YXL-W-B感温旋流风口 TEMPERATURE SENSING SWIRL DIFFUSER



■结构示意图
Structure scheme



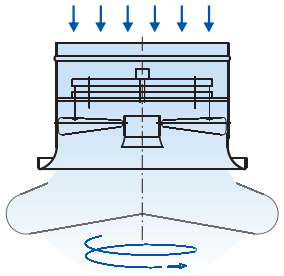
■特性：

YXL-W-B感温旋流风口颈部装有感温执行器，能自动感测气流温度，并自动驱动叶片角度以改变送风状态。当夏季送风温度≤17℃时，叶片可以自动调节到供冷模式，气流呈水平吹出；当冬季送风温度≥27℃时，叶片可以自动调节到供暖模式，气流呈垂直方向吹出。可满足冬夏季不同工况下的送风要求。感温执行器无需人工或电源及电控设备,具有节能、环保、性能稳定、安装简便、免维护等优点。

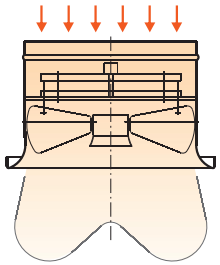
■Feature:

YXL-W-B temperature sensing swirl diffuser assembles temperature sensing actuator in the neck.It can sense the airflow temperature automatically and drive the leaf angle to change the air supply condition. When the air supply temperature is ≤17℃ in Summer, the leaf can be adjusted to cooling mode and the nozzle flows the air horizontally. When the air supply temperature is ≥27℃ in Winter, the leaf can be adjusted to heating mode and the nozzle flows the air vertically. Therefore, it can meet air supply requirement both in Summer and Winter. The temperature sensing actuator doesn't need manual or power electronic equipment.It has such features as energy saving, environmental protection,stable fuction, simple assemly as well as easy maintenance.

YXL-W-B感温旋流风口两种工况 TWO WORKING CONDITIONS FOR TEMPERATURE SENSING SWIRL DIFFUSER



■供冷工况 (17℃以下)
Cooling mode (17℃)



■供暖工况 (27℃以上)
Heating mode (≥27℃)

尺寸表 SIZE TABLE

规格 Specification	颈尺寸C Neck size	面尺寸A Surface size	开洞尺寸B Nole size	T	H
ϕ250	ϕ249	ϕ309	ϕ265	12	239
ϕ300	ϕ299	ϕ360	ϕ320	13	247
ϕ400	ϕ399	ϕ460	ϕ420	14	300
ϕ500	ϕ499	ϕ560	ϕ520	15	330
ϕ600	ϕ599	ϕ660	ϕ620	16	380

YXL-W-B 感温旋流风口技术性能 TECHNICAL FEATURES FOR TEMPERATURE SENSING SWIRL DIFFUSER

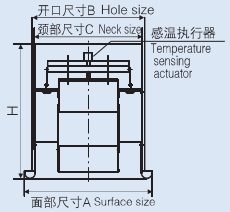
规格Specification	颈部风速m/s Neck air velocity		1.5	2	3	4	5	6	6.5
ϕ250	风量m^3/h Air volume		265	353	530	706	883	1060	1148
	静压损失pa Static pressure loss	H	7	12	27	48	75	108	125
		V	4	7	15	27	42	60	70
	扩散半径m Diffusion radius	H	1.5	2	2.3	3.1	4	5.4	5.9
	到达距离m Reach distance	V	1.9	2.5	4.2	6.4	8.1	9.8	10.6
	发生噪音dB（A） Noise	H	–	30	35	40	45	49	52
		V	–	–	29	34	40	44	50
ϕ300	风量m^3/h Air volume		381	508	763	1017	1272	1526	1653
	静压损失pa Static pressure loss	H	7	12	27	48	75	108	125
		V	4	7	15	27	42	60	70
	扩散半径m Diffusion radius	H	1.5	2	2.7	3.6	5	6.5	7.1
	到达距离m Reach distance	V	2.2	3	5.6	8.3	11	13.3	14.4
	发生噪音dB（A） Noise	H	31	33	38	43	49	53	56
		V	–	28	32	37	43	48	53
ϕ400	风量m^3/h Air volume		678	904	1356	1808	2260	2713	2940
	静压损失pa Static pressure loss	H	7	12	27	48	75	108	125
		V	4	7	15	27	42	60	70
	扩散半径m Diffusion radius	H	2	2.8	3.9	5	6.5	8.2	9.1
	到达距离m Reach distance	V	3	4.1	6.8	10.1	13.6	17.3	18.9
	发生噪音dB（A） Noise	H	33	35	39	44	50	54	57
		V	–	30	33	38	44	49	54
ϕ500	风量m^3/h Air volume		1060	1413	2120	2826	3532	4239	4592
	静压损失pa Static pressure loss	H	7	12	27	48	75	108	125
		V	4	7	15	27	42	60	70
	扩散半径m Diffusion radius	H	2.6	3.5	5.1	6.2	7.9	9.4	10.1
	到达距离m Reach distance	V	3.7	5	7.9	11.5	15.6	21.3	23.5
	发生噪音dB（A） Noise	H	35	37	41	46	52	56	58
		V	30	32	35	40	46	51	56
ϕ600	风量m^3/h Air volume		1526	2035	3052	4070	5089	6105	6612
	静压损失pa Static pressure loss	H	7	12	27	48	75	108	125
		V	4	7	15	27	42	60	70
	扩散半径m Diffusion radius	H	3.2	4.3	6.3	8.3	9.9	11.9	12.8
	到达距离m Reach distance	V	4.5	6.1	9.3	13.1	17.5	24.2	27.2
	发生噪音dB（A） Noise	H	36	39	43	47	53	57	59
		V	32	34	37	41	47	52	57

※ 1.上表数据以等温气流为测试对象，不等温气流射程应根据送风温差加以修正。
2. 扩散半径（H）指冷态等温气流的水平距离，到达距离（V）指热态时气流的垂直射程，残风速均为0.5m/s计。

1.The testing object for the above data is isothermal flow, the range for non-isothermal flow should be corrected according to the temperature difference about air supply.
2.Diffusion radius (H) means the horizontal distance for cooling isothermal flow. Reach distance (V) means the vertical range for heating flow when the residual air velocity is at 0.5m/s.

YCK-P-W感温涡流喷口 TEMPERATURE SENSING SWIRL NOZZLE

■结构示意图
Structure scheme



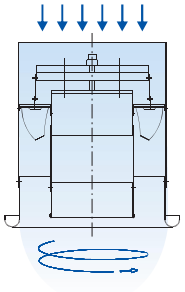
■特性：

YCK-P-W感温涡流喷口颈部装有感温执行器，能自动感测气流温度。当夏季送风温度≤17℃时，喷口内置叶片打开，气流为涡旋形态，全面出风；当冬季送风温度≥27℃时，喷口内置叶片关闭，热风只从中心桶喷出，能获得更远的送风距离，解决了热风难以下送的不足。可满足冬夏季不同工况下的送风要求。感温执行器无需人工或电源及电控设备,具有节能、环保、性能稳定、安装简便、免维护等优点。

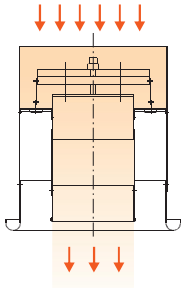
■ Feature:

YCK-P-W temperature sensing swirl nozzle assembles temperature sensing actuator in the neck.and it can sense the airflow temperature automatically .When the air supply temperature is ≤17℃ in Summer, the leaf inside the nozzle will open, the airflow is in vortex form and it will supplythe air completely.When the air supply temperature is ≥27℃ in Winter, the leaf inside the nozzlewill close and the hot air can only be blown out from the center barrel to reach further distance and to solve the problem that the hot air cannot be blown downward. Therefore, it can meet air supply requirement both in Summer and Winter. The temperature sensing actuator doesn't need manual or power electronic equipment. It has such features as energy saving, environmental protection, stable fuction, simple assemly as well as easy maintenance.

YCK-P-W 感温涡流喷口两种工况 TWO WORKING CONDITIONS FOR TEMPERATURE SENSING SWIRL NOZZLE



■供冷工况 (17℃以下)
Cooling mode (17℃)



■供暖工况 (27℃以上)
Heating mode (≥27℃)

尺寸表 SIZE TABLE

规格 Specification	颈尺寸C Neck size	面尺寸A Surface size	开洞尺寸B Nole size	H
ϕ200	ϕ199	ϕ242	ϕ216	310
ϕ250	ϕ249	ϕ304	ϕ266	325
ϕ300	ϕ299	ϕ354	ϕ316	355
ϕ350	ϕ349	ϕ404	ϕ366	365
ϕ400	ϕ399	ϕ454	ϕ416	395
ϕ450	ϕ449	ϕ504	ϕ466	425
ϕ500	ϕ499	ϕ562	ϕ518	485

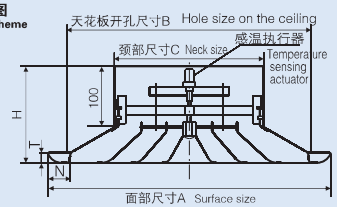
YCK-P-W 感温涡流喷口技术性能 TECHNICAL FEATURES FOR TEMPERATURE SENSING SWIRL NOZZLE

规格 Specification	颈部风速m/s Neck air velocity		1.5	2	3	4	5	6
	静压损失 static pressure loss pa	H	5	9	21	37	57	82
		V	7	12	27	48	75	108
ϕ200	风量m^3/h Air volume		162	217	325	434	542	651
	水平距离m Norizontal distance	H	2.5	3.3	5	6.6	8.3	9.8
	垂下距离m Vertical distance	V	4	5.2	7.8	10	13.1	15.5
	发生噪音 Noise dB(A)	H	–	–	–	32	37	41
		V	–	–	31	36	41	46
ϕ250	风量m^3/h Air volume		265	350	530	706	880	1060
	水平距离m Norizontal distance	H	2.7	3.6	5.4	7.3	9.1	10.8
	垂下距离m Vertical distance	V	4.8	6.4	9.5	13	15.8	18.6
	发生噪音 Noise dB(A)	H	–	–	30	34	39	43
		V	–	31	35	38	43	48
ϕ300	风量m^3/h Air volume		376	500	752	1003	1255	1505
	水平距离m Norizontal distance	H	3.2	4.3	6	8	9.6	11.5
	垂下距离m Vertical distance	V	5.7	7.6	11	15.4	19.2	23
	发生噪音 Noise dB(A)	H	–	–	31	35	40	44
		V	–	32	36	39	44	49
ϕ350	风量m^3/h Air volume		507	676	1015	1352	1690	2030
	水平距离m Norizontal distance	H	3.7	5	7.5	10	12.6	15
	垂下距离m Vertical distance	V	6.5	8.8	13.2	17.5	21.8	26.1
	发生噪音 Noise dB(A)	H	–	30	33	37	42	46
		V	–	34	38	41	46	51
ϕ400	风量m^3/h Air volume		665	886	1329	1772	2216	2660
	水平距离m Norizontal distance	H	4.3	5.7	8.6	11.3	14.1	16.9
	垂下距离m Vertical distance	V	7.5	10	15	20	25.1	30.1
	发生噪音 Noise dB(A)	H	–	32	35	39	43	47
		V	–	36	40	43	47	52
ϕ450	风量m^3/h Air volume		843	1124	1686	2248	2810	3372
	水平距离m Norizontal distance	H	4.8	6.4	9.6	12.8	16	19.2
	垂下距离m Vertical distance	V	8.4	11.2	16.8	22.4	28	33.6
	发生噪音 Noise dB(A)	H	–	34	37	41	45	48
		V	33	38	41	44	48	53
ϕ500	风量m^3/h Air volume		1042	1390	2085	2780	3476	4170
	水平距离m Norizontal distance	H	5.3	7	10.5	14.1	17.6	21.2
	垂下距离m Vertical distance	V	9.3	12.4	18.6	24.8	30.8	36.9
	发生噪音 Noise dB(A)	H	32	36	39	44	47	50
		V	30	40	43	46	50	55

※ 到达距离为风速在0.5m/s处测得。
The reach distance is measured when the air velocity is at 0.5m/s.

YCA-W感温圆型散流器 TEMPERATURE SENSING CIRCULAR DIFFUSER

■结构示意图
Structure scheme



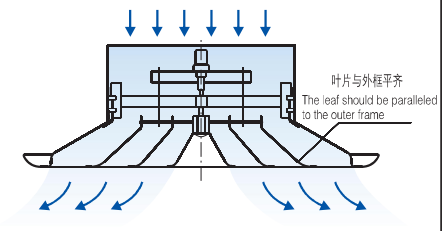
■特性：

YCA-W 感温圆型散流器颈部装有感温执行器，能自动感测气流温度，并驱动内层叶片在不同送风工况下作上下移动,自动调整送风方向。当夏季送风温度≤17℃时，内层叶片下移，吹出气流呈水平贴附扩散形态；当冬季送风温度≥27℃时，内层叶片上移，吹出气流呈垂直下送状态。可满足冬夏季不同工况下的送风要求。感温执行器无需人工或电源及电控设备，具有节能、环保、性能稳定、安装简便、免维护等优点。

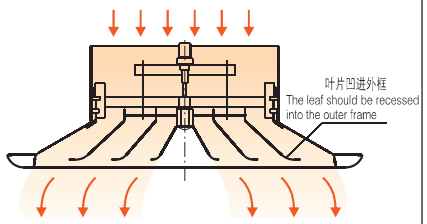
■ Feature:

YCA-W temperature sensing circular diffuser assembles temperature sensing actuator in the neck and it can sense the airflow temperature automatically. It can drive the inside leaf to move up and down under different air supply conditions to adjust air supply direction automatically. When the air supply temperature is≤17℃ in Summer, the inside leaf will move downward and blows the air horizontally in diffusion condition. When the air supply temperature is ≥27℃ in Winter, the inside leaf will move upward and blows the air vertically. Therefore, it can meet air supply requirement both in Summer and Winter. The temperature sensing actuator doesn't need manual or power electronic equipment. It has such features as energy saving, environmental protection, stable fuction, simple assemly as well as easy maintenance.

YCA-W 感温圆型散流器两种工况 TWO WORKING CONDITIONS FOR TEMPERATURE SENSING CIRCULAR DIFFUSER



■供冷工况 (17℃以下)
Cooling mode (17℃)



■供暖工况 (27℃以上)
Heating mode (≥27℃)

尺寸表 SIZE TABLE

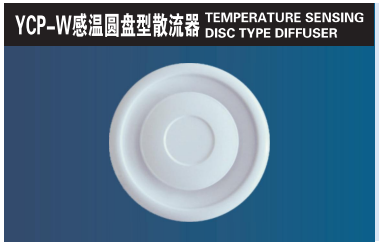
C	B	A	T	N	H
ϕ150	ϕ255	ϕ300	12	28	152
ϕ200	ϕ330	ϕ382	15	32	160
ϕ250	ϕ412	ϕ472	17	37	170
ϕ300	ϕ495	ϕ562	20	42	183
ϕ350	ϕ575	ϕ650	22	45	195
ϕ400	ϕ660	ϕ742	25	50	205
ϕ450	ϕ745	ϕ835	28	55	220

YCA-W 感温圆型散流器技术性能 TECHNICAL FEATURES FOR TEMPERATURE SENSING CIRCULAR DIFFUSER

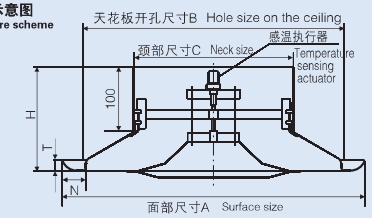
规格C specification 面积m^2 area	颈部风速m/s Neck air velocity		2	2.5	3	3.5	4	4.5	5	6
	静压损失Pa Static pressure loss	H	2	3	5	7	9	11	14	19
		V	4	6	9	13	17	21	27	37
ϕ150 (0.0177)	风量CMH Air volume		127	159	191	223	255	288	318	382
	扩散半径m Diffusion radius	H	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3
	到达距离m Reach distance	V	1.4	1.6	1.9	2.1	2.4	2.8	3.1	3.6
	发生噪音 Noise dB(A)	H	—	—	—	25	29	32	35	39
		V	—	—	20	26	30	34	36	41
ϕ200 (0.0314)	风量CMH Air volume		226	283	339	396	452	508	565	678
	扩散半径m Diffusion radius	H	0.8	0.9	1.1	1.2	1.3	1.5	1.7	1.8
	到达距离m Reach distance	V	1.5	1.8	2.2	2.5	2.8	3.1	3.5	4.1
	发生噪音 Noise dB(A)	H	—	—	—	26	30	34	36	40
		V	—	—	21	27	31	35	38	42
ϕ250 (0.0491)	风量CMH Air volume		353	442	530	619	707	795	884	1060
	扩散半径m Diffusion radius	H	0.9	1.1	1.3	1.5	1.7	1.8	2	2.2
	到达距离m Reach distance	V	1.7	2.3	2.7	3.2	3.6	4	4.5	5.2
	发生噪音 Noise dB(A)	H	—	—	21	27	31	35	38	43
		V	—	—	23	29	33	36	40	45
ϕ300 (0.0707)	风量CMH Air volume		509	636	763	891	1018	1145	1273	1527
	扩散半径m Diffusion radius	H	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5
	到达距离m Reach distance	V	2.2	2.6	3.2	3.8	4.3	4.8	5.3	6.3
	发生噪音 Noise dB(A)	H	—	—	23	29	33	36	39	43
		V	—	—	25	30	34	38	40	45
ϕ350 (0.0962)	风量CMH Air volume		693	866	1039	1212	1385	1559	1732	2078
	扩散半径m Diffusion radius	H	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6
	到达距离m Reach distance	V	2.6	3.2	3.8	4.3	5.0	5.7	6.3	7.5
	发生噪音 Noise dB(A)	H	—	—	24	29	33	36	39	44
		V	—	—	27	32	36	39	42	47
ϕ400 (0.1257)	风量CMH Air volume		905	1131	1357	1583	1809	2036	2262	2714
	扩散半径m Diffusion radius	H	1.4	1.7	2.0	2.3	2.5	2.7	2.9	3.2
	到达距离m Reach distance	V	3.2	4	4.9	5.6	6.3	7.2	8.1	9.6
	发生噪音 Noise dB(A)	H	—	—	26	31	35	38	41	45
		V	—	21	28	33	37	40	43	48
ϕ450 (0.159)	风量CMH Air volume		1145	1431	1718	2004	2290	2576	2863	3435
	扩散半径m Diffusion radius	H	1.6	1.9	2.2	2.5	2.8	3	3.3	3.7
	到达距离m Reach distance	V	3.6	4.6	5.6	6.5	7.5	8.5	9.5	11
	发生噪音 Noise dB(A)	H	—	—	28	33.0	36.0	40	43	47
		V	—	24	30	35	39	43	45	50

※ H指水平吹出状态，V指垂直吹出状态，到达距离为风速在0.5m/s处测得。
H means horizontal air supply condition, V means vertical air supply condition. The reach distance is measured when the air velocity is at 0.5m/s.

YCP-W感温圆盘型散流器 TEMPERATURE SENSING DISC TYPE DIFFUSER



■结构示意图
Structure scheme



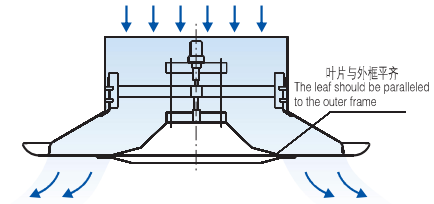
■特性：

YCP-W感温圆盘型散流器颈部装有感温执行器，能自动感测气流温度，并驱动内层叶片在不同送风工况下作上下移动，自动调整送风方向。当夏季送风温度≤17℃时，内层叶片下移，吹出气流呈水平贴附扩散形态；当冬季送风温度≥27℃时，内层叶片上移，吹出气流呈垂直下送状态。可满足冬夏季不同工况下的送风要求。感温执行器无需人工或电源及电控设备，具有节能、环保、性能稳定、安装简便、免维护等优点。

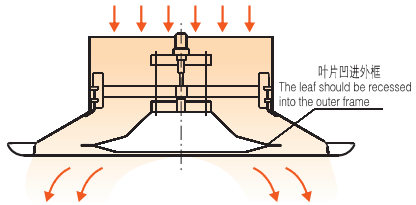
■Feature:

YCP-W temperature sensing disc type diffuser assembles temperature sensing actuator in the neck and it can sense the airflow temperature automatically. It can drive the inside leaf to move up and down under different air supply conditions to adjust air supply direction automatically. When the air supply temperature is ≤17℃ in Summer, the inside leaf will move downward and blows the air horizontally in diffusion condition. When the air supply temperature is ≥27℃ in Winter, the inside leaf will move upward and blows the air vertically. Therefore, it can meet air supply requirement both in Summer and Winter. The temperature sensing actuator doesn't need manual or power electronic equipment. It has such features as energy saving, environmental protection, stable fuction, simple assemly as well as easy maintenance.

YCP-W 感温圆盘型散流器两种工况 TWO WORKING CONDITIONS FOR TEMPERATURE SENSING DISC TYPE DIFFUSER



■供冷工况 (17℃以下)
Cooling mode (17℃)



■供暖工况 (27℃以上)
Heating mode (≥27℃)

尺寸表 SIZE TABLE

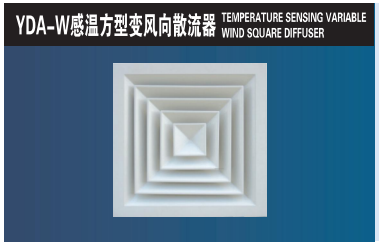
C	B	A	T	N	H
ϕ150	ϕ255	ϕ300	12	28	152
ϕ200	ϕ330	ϕ382	15	32	160
ϕ250	ϕ412	ϕ472	17	37	170
ϕ300	ϕ495	ϕ562	20	42	183
ϕ350	ϕ575	ϕ650	22	45	195
ϕ400	ϕ660	ϕ742	25	50	205
ϕ450	ϕ745	ϕ835	28	55	220

YCP-W 感温圆盘型散流器技术性能 TECHNICAL FEATURES FOR TEMPERATURE SENSING DISC TYPE DIFFUSER

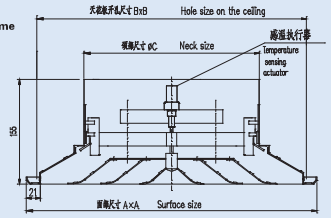
规格C specification 面积m^2 area	颈部风速m/s Neck air velocity		2	2.5	3	3.5	4	4.5	5	6
	静压损失Pa Static pressure loss	H	7	11	15	21	28	35	43	62
		V	8	13	18	25	33	41	51	73
ϕ150 (0.0177)	风量CMH Air volume		127	159	191	223	255	288	318	382
	扩散半径m Diffusion radius	H	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.5
	到达距离m Reach distance	V	2.1	2.7	3.2	3.8	4.3	4.9	5.5	6.5
	发生噪音 Noise dB(A)	H	—	—	24	29	33	37	40	44
		V	—	—	25	30	34	38	41	45
ϕ200 (0.0314)	风量CMH Air volume		226	283	339	396	452	508	565	678
	扩散半径m Diffusion radius	H	0.8	0.9	1.1	1.2	1.3	1.5	1.7	1.9
	到达距离m Reach distance	V	3.0	3.8	4.6	5.4	6.2	7	7.8	9.3
	发生噪音 Noise dB(A)	H	—	—	25	29	34	38	41	45
		V	—	—	26	30	35	39	42	46
ϕ250 (0.0491)	风量CMH Air volume		353	442	530	619	707	795	884	1060
	扩散半径m Diffusion radius	H	0.9	1.1	1.3	1.5	1.7	1.9	2.1	2.3
	到达距离m Reach distance	V	3.8	4.8	5.9	6.9	7.9	8.9	10	12
	发生噪音 Noise dB(A)	H	—	20	25	30	34	38	41	46
		V	—	21	26	31	35	39	42	47
ϕ300 (0.0707)	风量CMH Air volume		509	636	763	891	1018	1145	1273	1527
	扩散半径m Diffusion radius	H	1.1	1.3	1.5	1.7	1.9	2.1	2.4	2.7
	到达距离m Reach distance	V	5	6.3	7.6	9.0	10.3	11.6	12.9	15.6
	发生噪音 Noise dB(A)	H	—	21	26	31	35	39	42	47
		V	—	22	27	32	36	40	43	48
ϕ350 (0.0962)	风量CMH Air volume		693	866	1039	1212	1385	1559	1732	2078
	扩散半径m Diffusion radius	H	1.2	1.4	1.6	1.8	2.1	2.4	2.7	3
	到达距离m Reach distance	V	5.4	6.8	8.4	9.7	11.1	12.6	14	16.9
	发生噪音 Noise dB(A)	H	—	22	27	32	36	40	43	49
		V	—	23	28	33	37	41	44	50
ϕ400 (0.1257)	风量CMH Air volume		905	1131	1357	1583	1809	2036	2262	2714
	扩散半径m Diffusion radius	H	1.4	1.7	2.0	2.3	2.5	2.7	2.9	3.2
	到达距离m Reach distance	V	5.8	7.3	8.9	10.4	12.0	13.5	15	18.1
	发生噪音 Noise dB(A)	H	—	23	28	33	37	41	44	50
		V	21	24	29	34	38	42	45	51
ϕ450 (0.159)	风量CMH Air volume		1145	1431	1718	2004	2290	2576	2863	3435
	扩散半径m Diffusion radius	H	1.6	1.9	2.2	2.5	2.8	3	3.3	3.7
	到达距离m Reach distance	V	6.2	7.7	9.3	10.8	12.4	13.5	15.4	18.5
	发生噪音 Noise dB(A)	H	—	24	30	35	39	43	45	50
		V	22	25	31	36	40	44	46	51

※ H指水平吹出状态,V指垂直吹出状态,到达距离为风速在0.5m/s处测得。
H means horizontal air supply condition, V means vertical air supply condition. The reach distance is measured when the air velocity is at 0.5m/s.

YDA-W感温方型变风向散流器 TEMPERATURE SENSING VARIABLE WIND SQUARE DIFFUSER



■结构示意图
Structure scheme



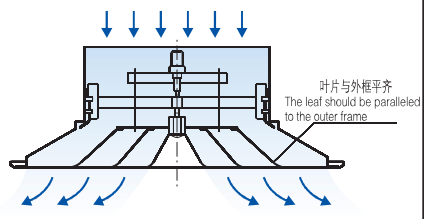
■特性：

YDA-W感温方型变风向散流器颈部装有感温执行器，能自动感测气流温度，并驱动内层叶片在不同送风工况下作上下移动，自动调整送风方向。当夏季送风温度≤17℃时，内层叶片下移，吹出气流呈水平贴附扩散形态；当冬季送风温度≥27℃时，内层叶片上移，吹出气流呈垂直下送状态。可满足冬夏季不同工况下的送风要求。感温执行器无需人工或电源及电控设备，具有节能、环保、性能稳定、安装简便、免维护等优点。

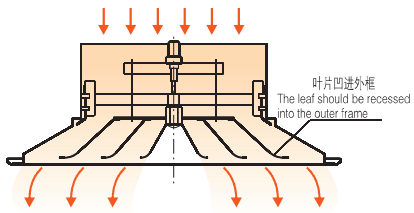
■Feature:

YDA-W temperature sensing variable wind square diffuser assembles temperature sensing actuator in the neck and it can sense the airflow temperature automatically. It can drive the inside leaf to move up and down under different air supply conditions to adjust air supply directionautomatically. When the air supply temperature is ≤17℃ in Summer, the inside leaf will move downward and blows the air horizontaly in diffusion condition. When the air supply temperature is ≥27℃ in Winter, the inside leaf will move upward and blows the air vertically. Therefore, it can meet air supply requirement both in Summer and Winter. The temperature sensing actuator doesn't need manual or power electronic equipment. It has such features as energy saving, environmental protection, stable fuction, simple assemly as well as easy maintenance.

YDA-W 感温方型变风向散流器两种工况 TWO WORKING CONDITIONS FOR TEMPERATURE SENSING VARIABLE WIND SQUARE DISC DIFFUSER



■供冷工况 (17℃以下)
Cooling mode (17℃)



■供暖工况 (27℃以上)
Heating mode (≥27℃)

尺寸表 SIZE TABLE

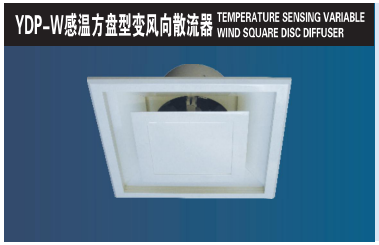
规格 Specification	颈部尺寸 ϕC Neck size	开孔尺寸B×B Surface size	面部尺寸A×A Nole size
ϕ125	ϕ124	256×256	286×286
ϕ150	ϕ149	282×282	312×312
ϕ200	ϕ199	332×332	362×362
ϕ250	ϕ249	382×382	412×412
ϕ300	ϕ299	432×432	462×462
ϕ350	ϕ349	482×482	512×512

YDA-W 感温方型变风向散流器技术性能 TECHNICAL FEATURES FOR TEMPERATURE SENSING VARIABLE WIND SQUARE DISC DIFFUSER

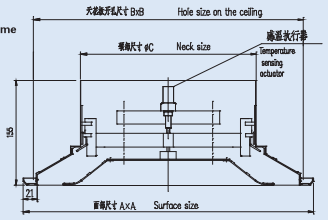
规格 specification	颈部风速m/s Neck air velocity		2.0	2.5	3.0	3.5	4.0	4.5	5.0	6.0
ϕ125	风量m^3/h Air volume		91	114	137	159	182	205	228	273
	静压损失pa Static pressure loss	H	4	6	8	11	14	18	22	32
		V	6	9	13	17	23	29	36	51
	扩散半径m Diffusion radius	H	0.7	0.9	1.1	1.3	1.5	1.7	2.0	2.3
	到达距离m Reach distance	V	1.2	1.5	1.8	2.1	2.4	2.8	3.2	3.8
	发生噪音dB(A) Noise	H	–	–	–	23	27	30	32	36
		V	–	–	–	21	25	29	33	39
ϕ150	风量m^3/h Air volume		131	163	196	228	261	294	326	392
	静压损失pa Static pressure loss	H	4	6	8	11	14	18	22	32
		V	6	9	13	17	23	29	36	51
	扩散半径m Diffusion radius	H	0.9	1.1	1.4	1.5	1.8	2.1	2.4	2.9
	到达距离m Reach distance	V	1.3	1.7	2	2.4	2.7	3.1	3.6	4.3
	发生噪音dB(A) Noise	H	–	–	21	25	28	31	34	38
		V	–	–	–	23	27	31	35	41
ϕ200	风量m^3/h Air volume		231	288	346	403	461	519	576	692
	静压损失pa Static pressure loss	H	4	6	8	11	14	18	22	32
		V	6	9	13	17	23	29	36	51
	扩散半径m Diffusion radius	H	1.3	1.6	2.0	2.3	2.6	2.9	3.2	3.9
	到达距离m Reach distance	V	1.7	2.1	2.5	2.9	3.4	3.8	4.2	5.0
	发生噪音dB(A) Noise	H	–	–	21	26	29	32	35	43
		V	–	–	–	23	28	32	36	43
ϕ250	风量m^3/h Air volume		359	448	538	628	718	807	897	1076
	静压损失pa Static pressure loss	H	4	6	8	11	14	18	22	32
		V	6	9	13	17	23	29	36	51
	扩散半径m Diffusion radius	H	1.7	2.1	2.5	2.9	3.3	3.7	4.2	5.0
	到达距离m Reach distance	V	1.8	2.3	2.8	3.2	3.7	4.1	4.6	5.5
	发生噪音dB(A) Noise	H	–	–	22	27	31	34	38	43
		V	–	–	–	24	29	34	38	45
ϕ300	风量m^3/h Air volume		515	644	773	902	1031	1159	1288	1546
	静压损失pa Static pressure loss	H	4	6	8	11	14	18	22	32
		V	6	9	13	17	23	29	36	51
	扩散半径m Diffusion radius	H	1.9	2.4	2.9	3.4	3.9	4.4	4.9	5.8
	到达距离m Reach distance	V	2.1	2.6	3.1	3.7	4.2	4.7	5.2	6.3
	发生噪音dB(A) Noise	H	–	–	24	28	32	35	39	44
		V	–	–	22	27	32	37	41	47
ϕ350	风量m^3/h Air volume		700	875	1050	1225	1400	1575	1750	2100
	静压损失pa Static pressure loss	H	4	6	8	11	14	18	22	32
		V	6	9	13	17	23	29	36	51
	扩散半径m Diffusion radius	H	2.2	2.7	3.2	3.8	4.3	4.8	5.4	6.5
	到达距离m Reach distance	V	2.3	2.9	3.4	4.0	4.6	5.2	5.7	6.9
	发生噪音dB(A) Noise	H	–	–	25	29	33	36	39	45
		V	–	–	25	30	35	40	44	50

※ H表示水平吹出，V表示垂直吹出，到达距离是指风口到风速0.5m/s处的距离。
H means horizontal air supply condition, V means vertical air supply condition. The reach distance is measured when the air velocity is at 0.5m/s.

YDP-W感温方盘型变风向散流器 TEMPERATURE SENSING VARIABLE WIND SQUARE DISC DIFFUSER



■结构示意图
Structure scheme



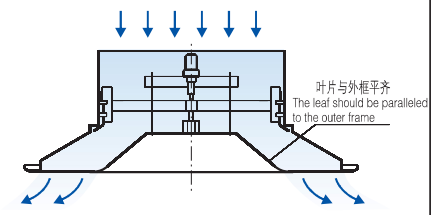
■特性：

YDP-W感温方盘型变风向散流器颈部装有感温执行器，能自动感测气流温度，并驱动内层叶片在不同送风工况下作上下移动，自动调整送风方向。当夏季送风温度≤17℃时，内层叶片下移，吹出气流呈水平贴附扩散形态；当冬季送风温度≥27℃时，内层叶片上移，吹出气流呈垂直下送状态。可满足冬夏季不同工况下的送风要求。感温执行器无需人工或电源及电控设备，具有节能、环保、性能稳定、安装简便、免维护等优点。

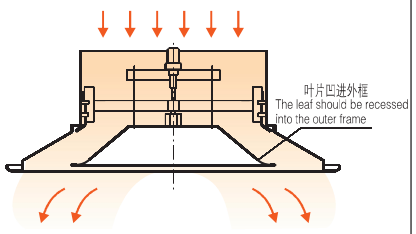
■Feature:

YDP-W temperature sensing variable wind square disc diffuser assembles temperature sensing actuator in the neck and it can sense the airflow temperature automatically. It can drive the inside leaf to move up and down under different air supply conditions to adjust air supply direction automatically. When the air supply temperature is ≤17℃ in Summer, the inside leaf will move downward and blows the air horizontaly in diffusion condition.When the air supply temperature is ≥27℃ in Winter, the inside leaf will move upward and blows the air vertically. Therefore, it can meet air supply requirement both in Summer and Winter. The temperature sensing actuator doesn't need manual or power electronic equipment. It has such features as energy saving, environmental protection, stable fuction, simple assemly as well as easy maintenance.

YDP-W 感温方盘型变风向散流器两种工况 TWO WORKING CONDITIONS FOR TEMPERATURE SENSING VARIABLE WIND SQUARE DISC DIFFUSER



■供冷工况 (17℃以下)
Cooling mode (17℃)



■供暖工况 (27℃以上)
Heating mode (≥27℃)

尺寸表 SIZE TABLE

规格 Specification	颈尺寸ϕC Neck size	开孔尺寸B×B Surface size	面部尺寸A×A Nole size
ϕ125	ϕ124	256×256	286×286
ϕ150	ϕ149	282×282	312×312
ϕ200	ϕ199	332×332	362×362
ϕ250	ϕ249	382×382	412×412
ϕ300	ϕ299	432×432	462×462
ϕ350	ϕ349	482×482	512×512

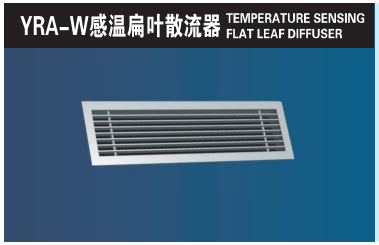
YDP-W 感温方盘型变风向散流器技术性能 TECHNICAL FEATURES FOR TEMPERATURE SENSING VARIABLE WIND SQUARE DISC DIFFUSER

规格 specification	颈部风速m/s Neck air velocity		2.0	2.5	3.0	3.5	4.0	4.5	5.0	6.0
	风量m^3/h Air volume		91	114	137	159	182	205	228	273
ϕ125	静压损失pa Static pressure loss	H	3	5	7	10	13	16	20	29
		V	5	7	10	14	19	24	29	42
	扩散半径m Diffusion radius	H	0.6	0.7	0.9	1.1	1.2	1.4	1.7	2.0
	到达距离m Reach distance	V	0.9	1.1	1.4	1.6	1.9	2.1	2.5	3.0
	发生噪音dB(A) Noise	H	–	–	–	22	26	29	32	36
		V	–	–	–	22	26	29	33	38
ϕ150	风量m^3/h Air volume		131	163	196	228	261	294	326	392
	静压损失pa Static pressure loss	H	3	5	8	11	14	18	22	31
		V	5	9	12	17	22	28	34	49
	扩散半径m Diffusion radius	H	0.7	1.0	1.2	1.4	1.6	1.8	2.1	2.5
	到达距离m Reach distance	V	1.1	1.4	1.7	2	2.3	2.6	3.0	3.6
	发生噪音dB(A) Noise	H	–	–	–	23	27	30	33	39
		V	–	–	–	24	28	32	36	42
ϕ200	风量m^3/h Air volume		231	288	346	403	461	519	576	692
	静压损失pa Static pressure loss	H	4	6	8	11	15	19	23	33
		V	6	10	15	20	26	33	40	58
	扩散半径m Diffusion radius	H	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.6
	到达距离m Reach distance	V	1.6	1.9	2.3	2.7	3.1	3.5	3.9	4.7
	发生噪音dB(A) Noise	H	–	–	–	23	27	31	34	40
		V	–	–	22	27	31	35	39	45
ϕ250	风量m^3/h Air volume		359	448	538	628	718	807	897	1076
	静压损失pa Static pressure loss	H	4	6	9	12	16	20	25	36
		V	8	12	17	23	31	39	48	69
	扩散半径m Diffusion radius	H	1.7	2.1	2.5	2.9	3.3	3.7	4.1	5.0
	到达距离m Reach distance	V	1.9	2.4	2.9	3.3	3.8	4.3	4.8	5.7
	发生噪音dB(A) Noise	H	–	–	–	25	29	32	35	41
		V	–	–	24	29	33	37	41	46
ϕ300	风量m^3/h Air volume		515	644	773	902	1031	1159	1288	1546
	静压损失pa Static pressure loss	H	4	7	10	14	18	23	28	40
		V	9	14	20	27	35	45	55	80
	扩散半径m Diffusion radius	H	2.0	2.4	2.9	3.4	3.9	4.4	4.9	5.9
	到达距离m Reach distance	V	2.3	2.8	3.4	4.0	4.5	5.1	5.6	6.8
	发生噪音dB(A) Noise	H	–	–	23	28	32	35	39	44
		V	–	21	27	32	37	41	44	50
ϕ350	风量m^3/h Air volume		700	875	1050	1225	1400	1575	1750	2100
	静压损失pa Static pressure loss	H	5	8	11	15	20	25	31	44
		V	10	16	23	31	40	51	63	91
	扩散半径m Diffusion radius	H	2.2	2.7	3.2	3.8	4.3	4.8	5.4	6.5
	到达距离m Reach distance	V	2.5	3.1	3.8	4.4	5.0	5.6	6.3	7.5
	发生噪音dB(A) Noise	H	–	–	26	30	34	38	41	47
		V	–	24	30	35	40	44	47	54

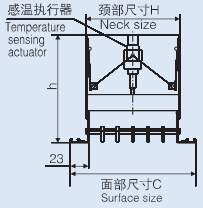
※ H表示水平吹出，V表示垂直吹出，到达距离是指风口到风速0.5m/s处的距离。

H means horizontal air supply condition, V means vertical air supply condition. The reach distance is measured when the air velocity is at 0.5m/s.

YRA-W感温扁叶散流器 TEMPERATURE SENSING FLAT LEAF DIFFUSER



■结构示意图
Structure scheme



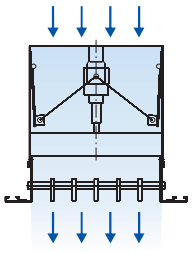
■特性：

YRA-W感温扁叶散流器颈部装有感温执行器，能自动感测气流温度，并驱动风口颈部的调节板，以改变风口的吹出面积，从而调节气流的吹出速度。当夏季送风温度≤17℃时，调节板自动调为全开，风口吹出面积增大，气流吹出速度减小，避免明显的冷风吹出感；当冬季送风温度≥27℃时，调节板自动关小，气流吹出速度增快，使热风获得更远的送风距离。可满足冬夏季不同工况下的送风要求。感温执行器无需人工或电源及电控设备，具有节能、环保、性能稳定、安装简便、免维护等优点。

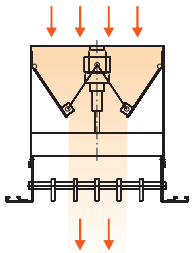
■Feature:

YRA-W temperature sensing flat leaf diffuser assembles temperature sensing actuator in the neck and it can sense the airflow temperature automatically. It can drive the adjusting plate in the neck of the outlet to change the airflow area so that it can adjust the airflow velocity. When the air supply temperature is ≤17℃ in Summer, the adjusting plate will open completely and then the airflow area increases and the airflow velocity reduces so that it can avoid the feeling of blowing cooling air.When the air supply temperature is ≥27℃ in Winter,the adjusting plate will close and then the airflow velocity increase so that the hot air can reach further distance. Therefore, it can meet air supply requirement both in Summer and Winter. The temperature sensing actuator doesn't need manual or power electronic equipment. It has such features as energy saving, environmental protection, stable fuction, simple assemly as well as easy maintenance.

YRA-W 感温扁叶散流器两种工况 TWO WORKING CONDITIONS FOR TEMPERATURE SENSING FLAT LEAF DIFFUSER



■供冷工况 (17℃以下)
Cooling mode (17℃)



■供暖工况 (27℃以上)
Heating mode (≥27℃)

尺寸表 SIZE TABLE

型号 Specification / 尺寸 Size	叶片数 Number of leaves	H	h	型号 Specification / 尺寸 Size	叶片数 Number of leaves	H	h
1#	1	35	120	6#	6	135	136
2#	2	55	120	7#	7	155	150
3#	3	75	120	8#	8	175	150
4#	4	95	120	9#	9	195	150
5#	5	115	136	10#	10	215	150

※ 规格之外尺寸也可以依设计制造。
It can be produced according to the design if the size is out of spec.

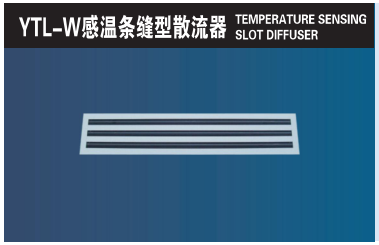
YRA-W 感温扁叶散流器技术性能 TECHNICAL FEATURES FOR TEMPERATURE SENSING FLAT LEAF DIFFUSER

规格 Specification	颈部风速m/s Neck air velocity		1	2	3	4	5	6
	静压损失pa Static pressure loss	冷风 Cold air	3	10	23	41	64	94
		热风 Hot air	5	19	42	76	117	171
1#	风量m^3/h Air volume		115	230	345	460	576	691
	出风口风速 m^3/h Air velocity at the outlet	冷风 Cold air	1.2	2.3	3.4	4.6	5.7	6.9
		热风 Hot air	2.5	4.5	6.8	9.2	11.5	13.8
	射程 Range m	冷风 Cold air	1.2	2.4	3.6	5.0	6.3	7.5
		热风 Hot air	1.4	3.1	4.5	6.1	7.3	8.7
	发生噪音 Noise dB(A)	冷风 Cold air	–	–	–	29	36	41
		热风 Hot air	–	–	–	35	42	47
2#	风量m^3/h Air volume		187	374	561	749	936	1123
	出风口风速 m^3/h Air velocity at the outlet	冷风 Cold air	1.2	2.3	3.4	4.6	5.7	6.9
		热风 Hot air	2.5	4.5	6.8	9.2	11.5	13.8
	射程 Range m	冷风 Cold air	1.6	3.4	5.2	6.8	8.5	10.2
		热风 Hot air	2.2	4.6	6.9	8.9	11.3	13.5
	发生噪音 Noise dB(A)	冷风 Cold air	–	–	–	29	36	41
		热风 Hot air	–	–	–	35	42	47
3#	风量m^3/h Air volume		259	518	777	1036	1296	1555
	出风口风速 m^3/h Air velocity at the outlet	冷风 Cold air	1.2	2.3	3.4	4.6	5.7	6.9
		热风 Hot air	2.5	4.5	6.8	9.2	11.5	13.8
	射程 Range m	冷风 Cold air	1.9	4	5.8	8.2	10.3	12.3
		热风 Hot air	2.5	5.5	7.9	10.8	13.9	17.3
	发生噪音 Noise dB(A)	冷风 Cold air	–	–	–	31	38	42
		热风 Hot air	–	–	31	37	44	49
4#	风量m^3/h Air volume		331	662	993	1325	1656	1987
	出风口风速 m^3/h Air velocity at the outlet	冷风 Cold air	1.2	2.3	3.4	4.6	5.7	6.9
		热风 Hot air	2.5	4.5	6.8	9.2	11.5	13.8
	射程 Range m	冷风 Cold air	2.3	4.5	6.9	8.8	11.2	13.5
		热风 Hot air	3.0	6.1	9.3	11.7	15.6	19.5
	发生噪音 Noise dB(A)	冷风 Cold air	–	–	–	32	39	43
		热风 Hot air	–	–	33	39	45	50
5#	风量m^3/h Air volume		403	806	1209	1612	2016	2419
	出风口风速 m^3/h Air velocity at the outlet	冷风 Cold air	1.2	2.3	3.4	4.6	5.7	6.9
		热风 Hot air	2.5	4.5	6.8	9.2	11.5	13.8
	射程 Range m	冷风 Cold air	2.6	5.3	8.0	10.7	13.4	16.1
		热风 Hot air	3.4	6.9	10.5	14.1	14.9	20.9
	发生噪音 Noise dB(A)	冷风 Cold air	–	–	29	34	40	44
		热风 Hot air	–	–	35	41	46	51
6#	风量m^3/h Air volume		475	950	1425	1900	2376	2851
	出风口风速 m^3/h Air velocity at the outlet	冷风 Cold air	1.2	2.3	3.4	4.6	5.7	6.9
		热风 Hot air	2.5	4.5	6.8	9.2	11.5	13.8
	射程 Range m	冷风 Cold air	2.8	5.6	8.5	11.3	14.1	17.0
		热风 Hot air	3.7	7.3	10.9	14.7	18.5	22.1
	发生噪音 Noise dB(A)	冷风 Cold air	–	–	31	36	42	45
		热风 Hot air	–	–	37	43	47	52
7#	风量m^3/h Air volume		547	1094	1641	2189	2736	3283
	出风口风速 m^3/h Air velocity at the outlet	冷风 Cold air	1.2	2.3	3.4	4.6	5.7	6.9
		热风 Hot air	2.5	4.5	6.8	9.2	11.5	13.8
	射程 Range m	冷风 Cold air	3.0	5.9	9.1	12.1	15.2	18.4
		热风 Hot air	4.1	7.8	11.9	15.8	19.7	23.9
	发生噪音 Noise dB(A)	冷风 Cold air	–	–	33	38	43	46
		热风 Hot air	–	34	39	45	48	53
8#	风量m^3/h Air volume		619	1238	1857	2476	3096	3715
	出风口风速 m^3/h Air velocity at the outlet	冷风 Cold air	1.2	2.3	3.4	4.6	5.7	6.9
		热风 Hot air	2.5	4.5	6.8	9.2	11.5	13.8
	射程 Range m	冷风 Cold air	3.2	6.6	9.8	13.2	16.5	19.9
		热风 Hot air	4.3	8.7	12.7	17.3	21.4	25.8
	发生噪音 Noise dB(A)	冷风 Cold air	–	31	35	40	45	47
		热风 Hot air	–	36	41	47	49	54
9#	风量m^3/h Air volume		691	1382	2073	2765	3456	4147
	出风口风速 m^3/h Air velocity at the outlet	冷风 Cold air	1.2	2.3	3.4	4.6	5.7	6.9
		热风 Hot air	2.5	4.5	6.8	9.2	11.5	13.8
	射程 Range m	冷风 Cold air	3.4	6.8	10.2	13.6	17.0	20.5
		热风 Hot air	4.6	9.1	13.4	17.8	22.1	26.6
	发生噪音 Noise dB(A)	冷风 Cold air	–	31	35	40	45	47
		热风 Hot air	–	36	41	47	49	54
10#	风量m^3/h Air volume		763	1526	2283	3052	3815	4578
	出风口风速 m^3/h Air velocity at the outlet	冷风 Cold air	1.2	2.3	3.4	4.6	5.7	6.9
		热风 Hot air	2.5	4.5	6.8	9.2	11.5	13.8
	射程 Range m	冷风 Cold air	3.6	7.2	10.8	14.4	17.9	21.6
		热风 Hot air	4.8	9.2	14.1	18.9	23.4	27.9
	发生噪音 Noise dB(A)	冷风 Cold air	–	34	38	42	47	49
		热风 Hot air	33	39	44	48	51	56

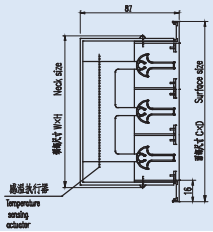
※ 1.表中冷热风表示风口在冷热不同温度下，等温气流性能吹出系数。
2.末端气流为0.5m/s。
3.表中数据对应的风口颈部长度均为1000mm。

1.The cold and hot air in the above list means the coefficient of performance flown by isothermal airflow under different temperature.
2.The terminal air velocity is at 0.5m/s.
3.The above data is only for those outlets that the neck length is 1000mm.

YTL-W感温条缝型散流器 TEMPERATURE SENSING SLOT DIFFUSER



■结构示意图
Structure scheme



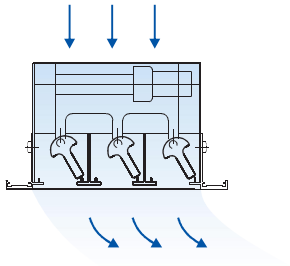
■特性：

YTL-W感温条缝型散流器颈部装有感温执行器，能自动感测气流温度，并自动驱动叶片以改变送风角度，当夏季送风温度≤17℃时，叶片偏斜，气流呈水平倾斜吹出；当冬季送风温度≥27℃时，叶片垂直,气流呈垂直吹出。可满足冬夏季不同工况下的送风要求。感温执行器无需人工或电源及电控设备,具有节能、环保、性能稳定、安装简便、免维护等优点。（注：本风口一般安装于天花板作顶送风用，如需安装于侧墙时，则叶片角度需重新调整。）

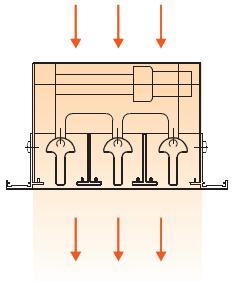
■Feature:

YTL-W temperature sensing slot diffuser assembles temperature sensing actuator in the neck and it can sense the airflow temperature automatically. It can drive the leaf automatically to change the air supply angle. When the air supply temperature is ≤17℃ in Summer, the leaf is oblique and the air can be flown out horizontally. When the air supply temperature is ≥27℃ in Winter, the leaf is vertical and the air will be flown out vertically. Therefore, it can meet air supply requirement both in Summer and Winter. The temperature sensing actuator doesn't need manual or power electronic equipment. It has such features as energy saving, environmental protection, stable fuction, simple assemly as well as easy maintenance. (Note: Such outlet is usually assembled on the ceiling for top air supply. If you want to assemble it on the side wall, then the leaf angle should be adjusted.)

YTL-W 感温条缝型散流器两种工况 TWO WORKING CONDITIONS FOR TEMPERATURE SENSING SLOT DIFFUSER



■供冷工况 (17℃以下)
Cooling mode (17℃)



■供暖工况 (27℃以上)
Heating mode (≥27℃)

尺寸表 SIZE TABLE

型号 Specification	条缝数 Number of slots	面部尺寸 Surface size	颈部尺寸 Neck size
1S	1	65	35
2S	2	100	70
3S	3	135	105
4S	4	170	140
5S	5	205	175

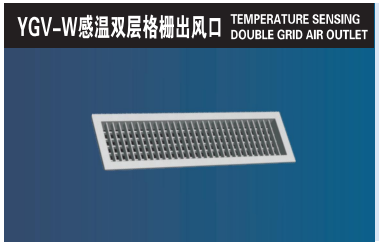
YTL-W 感温条缝型散流器技术性能 TECHNICAL FEATURES FOR TEMPERATURE SENSING SLOT DIFFUSER

条缝数 Number of slots	出口部风速m/s Air velocity at the outlet		1.5	2	2.5	3	3.5	4	4.5
1S	风量m^3/h Air volume		105	140	175	211	246	281	351
	静压损失pa Static pressure loss	H	11	19	29	42	58	76	95
		V	10	17	25	37	50	66	103
	扩散半径m Diffusion radius	H	1.5	2.1	2.7	3.4	3.9	4.4	4.9
	到达距离m Reach distance	V	1.1	1.5	1.8	2.4	2.8	3.2	3.9
	发生噪音dB（A） Noise	H	–	–	–	20	21	32	38
		V	–	–	22	28	31	35	45
2S	风量m^3/h Air volume		210	280	350	422	492	562	702
	静压损失pa Static pressure loss	H	11	19	29	42	58	76	95
		V	10	17	25	37	50	66	103
	扩散半径m Diffusion radius	H	2.9	3.9	5.6	6.9	7.8	4.4	10
	到达距离m Reach distance	V	2.2	2.9	3.6	4.6	5.5	6.2	7.5
	发生噪音dB（A） Noise	H	–	–	–	21	22	33	42
		V	–	–	23	29	32	36	47
3S	风量m^3/h Air volume		315	420	525	633	738	843	1053
	静压损失pa Static pressure loss	H	11	19	29	42	58	76	95
		V	10	17	25	37	50	66	103
	扩散半径m Diffusion radius	H	4.8	6.5	7.2	8.1	9.3	10.5	11.5
	到达距离m Reach distance	V	3.5	4.5	5.5	6.2	6.8	7.6	9.3
	发生噪音dB（A） Noise	H	–	–	20	22	23	34	45
		V	–	–	23	30	33	36	51
4S	风量m^3/h Air volume		420	560	700	844	984	1124	1404
	静压损失pa Static pressure loss	H	11	19	29	42	58	76	95
		V	10	17	25	37	50	66	103
	扩散半径m Diffusion radius	H	5.1	7	8.6	10	12.1	13.8	15
	到达距离m Reach distance	V	3.8	5.1	6	7.6	9	10.2	12.5
	发生噪音dB（A） Noise	H	–	–	21	23	24	38	48
		V	–	22	24	31	34	39	55
5S	风量m^3/h Air volume		526	701	877	1052	1227	1403	1578
	静压损失pa Static pressure loss	H	11	19	29	42	58	76	95
		V	10	17	25	37	50	66	103
	扩散半径m Diffusion radius	H	6.2	8.1	10.1	12.1	14.2	16.5	18.3
	到达距离m Reach distance	V	4.7	6.2	7.7	9.2	10.6	12.3	13.9
	发生噪音dB（A） Noise	H	–	–	–	34	37	42	49
		V	–	–	–	38	42	45	56

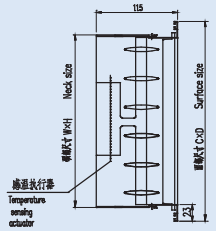
※ 1. H表示叶片倾斜吹出，V表示叶片垂直出风，到达距离、扩散半径指风口到0.5m/s处的距离。
2. 上表根据以等温自然气流为测试对象。
3. 根据吹出温差，垂直到达距离需要补正。
4. 上表数据以风口有效长度1m时测得。

1.H means oblique air supply and V means vertical air supply. Reach distance and diffusion radius means the distance from the outlet to the place where the air velocity is 0.5m/s.
2.The testing object for the above data is isothermal flow.
3.The vertical reach distance should be modified according to the air supply temperature.
4.The above data is measured when the effective length of the outlet is 1m.

YGV-W感温双层格栅出风口 TEMPERATURE SENSING DOUBLE GRID AIR OUTLET



■结构示意图
Structure scheme



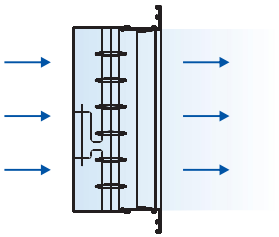
■特性：

YGV-W感温双层格栅出风口颈部装有感温执行器，一般用于侧墙空调送风，冬夏季可感测气流温度自动转换送风角度。当夏季送风温度≤17℃时，后排百叶片自动调节到水平状态的供冷模式，气流呈水平吹出；当冬季送风温度≥27℃时，后排百叶片自动调节到供暖模式，气流呈斜下方向吹出，可抑制热风向上飘移的特性，快速达到设计温度。可满足冬夏季不同工况下的送风要求。感温执行器无需人工或电源及电控设备，具有节能、环保、性能稳定、安装简便、免维护等优点。

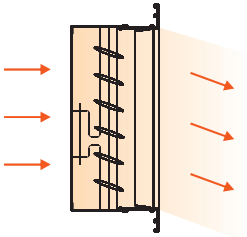
■Feature:

YGV-W temperature sensing double grid air outlet assembles temperature sensing actuator in the neck and it can sense the airflow temperature automatically. It is usually used for side wall air supply. And it can change the air supply angle according to sensing the airflow temperature in both Winter and Summer. When the air supply temperature is≤17℃ in Summer,the rear louvre blade will be adjusted to the cooling mode under horizontal condition automatically and the air can be flown out horizontally.When the air supply temperature is ≥27℃ in Winter, the rear louvre blade will be adjusted to heating mode and then the air will be flown obliquely so that it can prevent the hot air from drifting upward to reach the designed temperature rapidly. Therefore, it can meet air supply requirement both in Summer and Winter. The temperature sensing actuator doesn't need manual or power electronic equipment. It has such features as energy saving, environmental protection, stable fuction, simple assemly as well as easy maintenance.

YGV-W 感温双层格栅出风口两种工况 TWO WORKING CONDITIONS FOR TEMPERATURE SENSING DOUBLE GRID AIR OUTLET



■供冷工况 (17℃以下)
Cooling mode (17℃)



■供暖工况 (27℃以上)
Heating mode (≥27℃)

尺寸表 SIZE TABLE

规格 (W×H) Specification	规格 (W×H) Specification
400×200	600×250
500×200	600 ×300
600×200	700 ×300
500×250	规格之外尺寸也可以依设计制造 It can be produced according to the design if the size is out of spec.

YGV-W 感温双层格栅出风口技术性能 TECHNICAL FEATURES FOR TEMPERATURE SENSING DOUBLE GRID AIR OUTLET

规格 Specification	出口风速 m^3/s Air velocity at the outlet		1.5	2	3	4	5	6	7
	静压损失 pa Static pressure loss	H	1	4	9	16	24	35	48
		V	3	6	14	25	40	57	77
400×200	风量m^3/h Air volume		275	368	552	737	920	1105	1209
	水平距离m Horizontal distance	H	3	4	6	8	10.1	12.1	14.1
	垂下距离m Vertical distance	V	2	2.6	4	5.2	6.6	7.8	9.1
	发生噪声dB (A) Noise	H	–	30	35	40	45	49	52
		V	–	–	29	34	40	44	50
500×200	风量m^3/h Air volume		345	460	690	920	1152	1382	1612
	水平距离m Horizontal distance	H	3.3	4.3	6.6	8.9	11.2	13.3	15.5
	垂下距离m Vertical distance	V	2.2	2.7	4.2	5.8	7.2	8.5	10
	发生噪声dB (A) Noise	H	–	31	36	41	46	50	53
		V	–	–	30	35	41	45	51
600×200	风量m^3/h Air volume		415	552	829	1106	1382	1658	1935
	水平距离m Horizontal distance	H	3.5	4.7	7.2	9.6	12.1	14.4	16.7
	垂下距离m Vertical distance	V	2.5	3	4.7	6.2	7.7	9.2	10.8
	发生噪声dB (A) Noise	H	–	32	37	42	47	51	54
		V	–	–	31	36	42	46	52
500×250	风量m^3/h Air volume		432	576	864	1152	1440	1728	2016
	水平距离m Horizontal distance	H	3.6	5	7.5	10	12.6	15	17.4
	垂下距离m Vertical distance	V	2.6	3.2	4.9	6.4	8	9.6	11.2
	发生噪声dB (A) Noise	H	–	33	38	43	48	52	55
		V	–	–	32	37	43	47	53
600×250	风量m^3/h Air volume		518	690	1036	1382	1728	2073	2419
	水平距离m Horizontal distance	H	4	5.4	8.1	10.8	13.6	16.2	18.7
	垂下距离m Vertical distance	V	2.8	3.4	5.3	6.9	8.6	10.4	12.1
	发生噪声dB (A) Noise	H	30	34	39	44	49	53	56
		V	–	30	33	38	44	48	54
600×300	风量m^3/h Air volume		622	829	1244	1658	2073	2488	2903
	水平距离m Horizontal distance	H	4.4	5.9	8.9	11.9	15	17.8	20.5
	垂下距离m Vertical distance	V	3	3.7	5.8	7.6	9.5	11.4	13.3
	发生噪声dB (A) Noise	H	31	35	40	45	50	54	57
		V	–	31	34	39	45	49	55
700×300	风量m^3/h Air volume		725	967	1451	1935	2419	2903	3386
	水平距离m Horizontal distance	H	4.7	6.3	9.5	12.7	16	19	21.8
	垂下距离m Vertical distance	V	3.2	3.9	6.2	8.1	10.1	12.2	14.2
	发生噪声dB (A) Noise	H	32	37	41	46	51	55	58
		V	–	32	35	40	46	50	56

※ 1. 上表数据以等温气流为测试对象，不等温气流射程应根据送风温差加以修正。
2. 扩散半径 (H) 指冷态等温气流的水平距离，到达距离 (V) 指热态时气流的垂直射程，残风速均以0.5m/s计。

1.The testing object for the above data is isothermal flow, the range for non-isothermal flow should be corrected according to the temperature difference about air supply.
2.Diffusion radius (H) means the horizontal distance for cooling isothermal flow. Reach distance (V) means the vertical range for heating flow when the residual air velocity is at 0.5m/s.