



Grilles & Diffusers

Series JFD Jet flow / eyeball diffusers

Incorporating



- Specialist diffuser designed for targeted throws over long distances
- Adjustable nozzle gives full control over throw direction
- Concealed mounting ring for tidy installation



Series JFD

Series JFD jet flow diffusers are specialist units designed for large areas requiring a targeted, long distance throw. For example theaters, arenas and airport terminals.

The profiled outer fascia ring is removable, allowing access to a concealed flange which serves as a fixing point.

The inner ball is free to be adjusted a full 360 degrees.



Design features

Material	Pressed sheet aluminium
Sizes	Minimum: 125mm dia Maximum: 315mm dia For full list of dimensions see next page
Fixings	Concealed fixing flange, accessible behind fascia ring
Finish	Standard: RAL9010 Optional: See page 4

Quality assurance

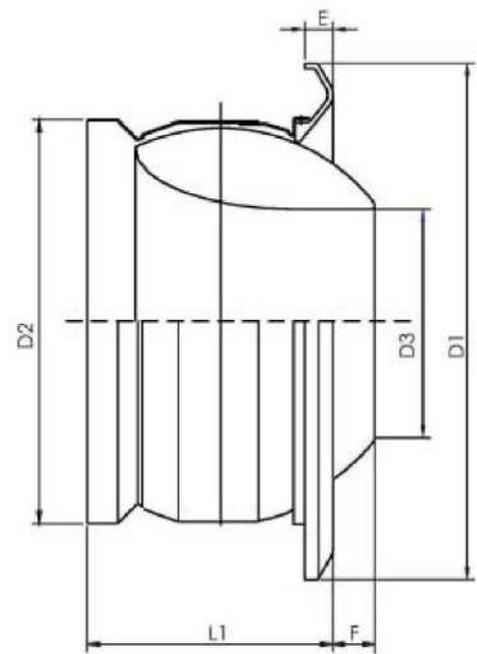
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Assessed to ISO 9001
Cert/Ref No. 1186

Technical specifications

Size (mm)	D1 (mm)	D2 (mm)	D3 (mm)	E (mm)	F (mm)	L1 (mm)
125	185	123	64	10	4	89
160	216	158	82	11	10	106
200	273	198	108	16	14	127
250	318	248	136	16	23	159
315	400	313	174	23	29	189



Performance data

Size	10m			20m			30m			End airflow speed
	Air Volume (m ³ /h)	Resistance loss (Pa)	Noise dB(A)	Air Volume (m ³ /h)	Resistance loss (Pa)	Noise dB(A)	Air Volume (m ³ /h)	Resistance loss (Pa)	Noise dB(A)	
125	–	–	–	122	71	25	180	136	36	
160	82.8	11	<20	165	26	<20	250	98	35	
200	104	–	<20	220	29	<20	306	67	27	0.25
250	133	–	<20	272	8.3	<20	382	34	22	
315	180	–	<20	350	11	<20	540	36	20	
125	122	71	<20	245	265	46	–	–	–	
160	165	26	<20	330	113	44	497	200	55	
200	220	29	<20	435	123	38	655	218	50	0.5
250	274	8.3	<20	548	63	34	825	112	45	
315	350	11	<20	690	57	28	1055	104	40	
125	245	265	46	–	–	–	–	–	–	
160	330	113	44	–	–	–	–	–	–	
200	435	123	38	870	312	–	–	–	–	1.0
250	548	63	34	1100	160	53	–	–	–	
315	700	57	28	1400	150	48	2106	243	–	

Finish

Polyester powder coating to any RAL or BS colour



Ordering codes

Example

1 - 125 dia - JFD - RAL9010

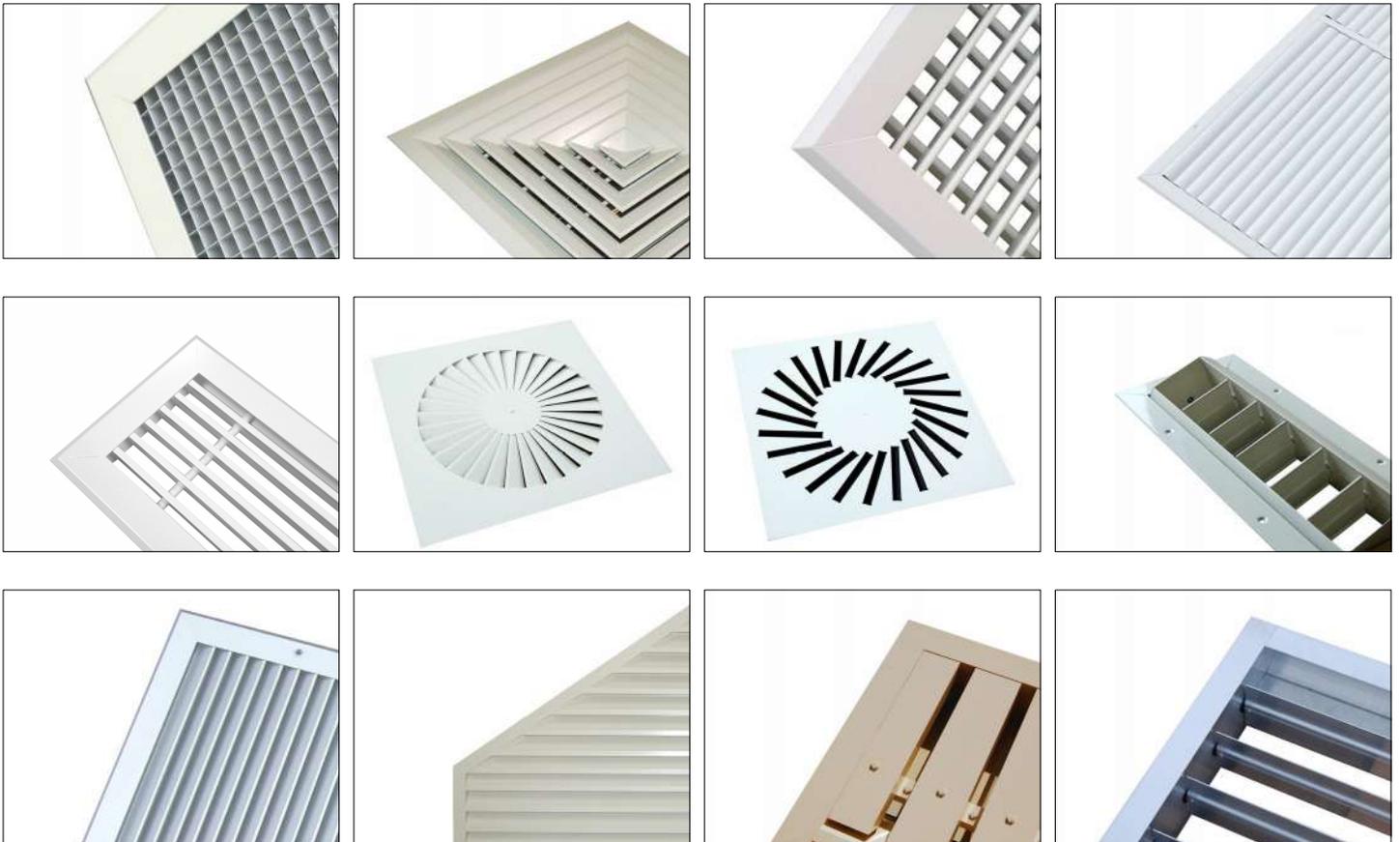
1)	Quantity		
2)	Size	(nominal diameter)	Nominal diameter
3)	Series	JFD	Jet flow diffuser
4)	Finish	RAL... BS...	Polyester powder coated to RAL... Polyester powder coated to BS...

HVC & NCA products

HVC offer the significant advantage of manufacturing both in duct and duct terminal equipment, making us a one stop shop for all your HVAC needs.

The products shown below are a selection, not an exhaustive list. Go to www.h-v-c.com for details on all HVC and NCA products.

HVC: Grilles, Diffusers, Louvres and Volume Control Dampers



NCA: Fire and Volume Control Dampers





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