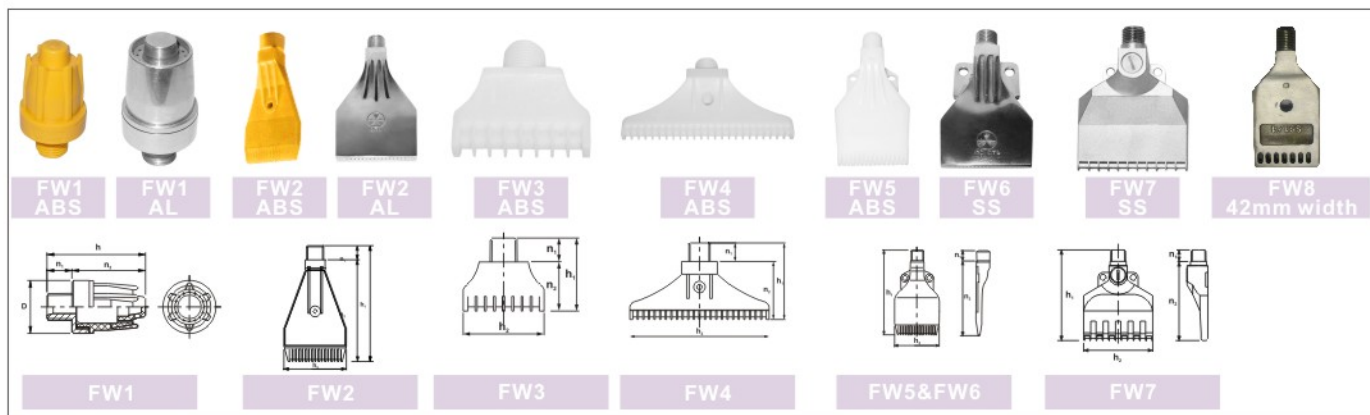


F series air nozzles



DESIGN FEATURES

FW1

FW1 blow off nozzles by special internal fluid chamber silencer, rectifying designed .They deliver high impact ,round streams of compressed air .It is widely used for local ,inner hole ,long distance blowing search .ABS material is the common type and temperatures to 100°C at 4bar .PVDF material resists chemical corrosion .SS material applicable to the high pressure and high temperature environment .Aluminum material applicable to medium-pressure environment .

Connect thread size : 1/4BSP

FW2

FW4 blow-off nozzles blow high impact ,flat streams of compressed air .Made of ABS plastic ,RYTON or aluminum ,they're designed for cooling ,drying and blow-off applications in conveyor ,CIP and hand-held set-ups.Side-by -side positioning provides an effective air curtain.Maxiumum operating pressure for each is 7bar.The air stream of the ABS version is discharged thought sixteen orifices recessed between protective ribs.The aluminum version operates at up to 200 °C at 7bar.

FW3 & FW4

FW3 and FW4 blow-off air nozzles pretty for narrow space or required large width radiation usage.

Exposed portion size of FW3-ABS only 24mm,FW4-ABS widened version overall exposed portion size is 44mm,100mm width of air more than 2 times of ordinary version.FW4-ABS air blow-off nozzles guaranteed maximum don't generate noise,increase the blow strength and blowing rate utilization efficiency.

Series	Inlet conn. BSP	Dimensions(mm)							Weight (g)				
		n1	n2	h	h1	h2	s	D	ABS	PVDF	PPS	AL	SS
FW1-ABS	1/4	12	36	48			—	—	8				
FW1-AL		12	36	48			—	26				24	
FW2-ABS		12	81	—	93	51	—	—	30				
FW2-AL		12	81	—	93	51	—	—				80	
FW3-ABS		12	24		36	40	—	—	6				
FW4-ABS		12	44		61	111	—	—	11				
FW5-ABS		12	78		90	47	—	—	23				
FW6-SS		12	69		81	51	—	—					100
FW7-SS		12	68		80	61	—	—					118

PERFORMANCE DATA

Series	Orifice section summation	Numer of orifice	Width of purging	Air consumption at different wind speed									
				V=2m/s	V=3m/s	V=4m/s	V=5m/s	V=7m/s	V=10m/s	V=15m/s	V=20m/s	V=25m/s	V=30m/s
FW1	$1.256 \cdot 10^{-5} m^2$	16	51	0.9	1.36	1.8	2.26	3.16	4.52	6.78	9.0	11.3	13.6
FW2													
FW5-ABS													
FW3	$1.256 \cdot 10^{-5} m^2$	16	40										
FW4	$3.768 \cdot 10^{-5} m^2$	48	111	2.7	4.1	5.4	6.78	9.48	13.56	20.34	27.0	33.9	40.8
FW6-SS	$1.335 \cdot 10^{-5} m^2$	17	47	0.95	1.44	1.9	2.4	3.36	4.8	7.2	9.57	12	14.4
FW7-SS	$1.727 \cdot 10^{-5} m^2$	22	40	1.24	1.87	2.48	3.1	4.35	6.21	9.32	12.37	15.54	18.7

Mark:
ABS
PP
Aluminum
SS

ORDERING INFORMATION

FW42 ——— 1/4BSP ——— AL
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 Nozzle series Connect size Material code

COMMON APPLICATIONS

- Parts cleaning/drying
- Parts cooling
- Moving of materials