TYPE BLOW-OFF

SPECIAL PURPOSE

DELAVAN Spray Technologies

SPRAY CHARACTERISTICS

- *Directs compressed air or steam in a wide, thin air sheet.*
- *Designed with a relatively large slotted orifice.*

CONSTRUCTION AND MATERIALS

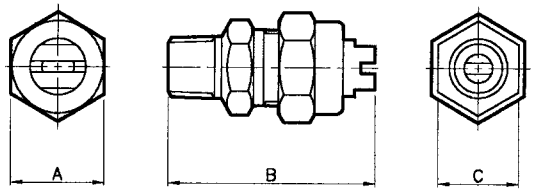
- *Available in Brass and Stainless Steel (recommended for steam applications).*
- *3 piece construction, body, tip and cap.*
- *The tip has two flats to facilitate alignment.*
- *Optional body is available in a variety of threads.*
- *Thread sizes are Male BSPT and Female BSPP.*
- *Other materials available to special order.*

ORDER EXAMPLE

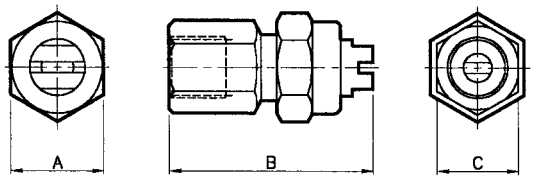
No. 4 Blow-Off Brass = Tip Only.
¼" Male No. 3 Blow-Off Stainless Steel = Complete Assembly.

DIMENSIONS AND WEIGHTS

Thread Type	Assembly Type	Dimensions (mm) A Hex	B	C Hex	Weight (g)
1/8	Female	20,8	46,0	18,0	69
1/4	Male	20,8	46,0	18,0	61
1/4	Female	20,8	46,0	18,0	68
3/8	Male	20,8	46,0	18,0	63
3/8	Female	20,8	46,0	20,8	69



BLOW-OFF (MALE) ASSEMBLY



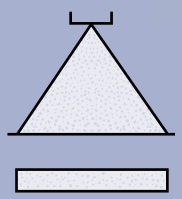
BLOW-OFF (FEMALE) ASSEMBLY

Maximum Recommended Pressure: 14 Bar.G.

AIR CAPACITY CHART

NOZZLE NUMBER	AIR FLOW IN M³/HOUR AT Bar.G. 0,7	2	4	7	APPROX. SPRAY ANGLES (°)
No. 1	1,1	2,4	4	6,4	75°
No. 2	2,1	4,6	7,5	11,6	55°
No. 3	6,2	12,2	19,5	28,4	60°
No. 4	10,0	20,1	32,3	47,6	100°
No. 5	22,4	46,7	72,2	105,5	60°

STEAM CAPACITY CHART

NOZZLE NUMBER	STEAM FLOW IN Kg/HOUR AT Bar.G. 0,7	2	4	7	APPROX. SPRAY ANGLES (°)
No. 1	0,54	1,27	2,08	3,72	75°
No. 2	1,27	2,35	4,08	7,26	55°
No. 3	3,5	6,12	10,3	17,2	60°
No. 4	5,76	10,2	17,2	29,3	100°
No. 5	12,7	22,9	38,6	64,9	60°

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