

OVERVIEW: NEEDLEJET NOZZLES




Ideal for: effectively cleaning and washing of felts, fabric/wire and suction rolls

- High-performance NeedleJet nozzles provide powerful solid stream sprays to effectively clean and wash felts, fabric/wire and suction rolls
- Precision-machined to provide tight flow control
- For use with a wide range of showers, including oscillating
- Versions with tubes or extensions in the back end that protrude higher into the shower. This enables better quality water to be drawn into the nozzle and minimizes turbulence
- Powerful solid stream spray from .032 to 11.0 gpm (.12 to 41.6 lpm)
- Operating pressures up to 1000 psi (70 bar)

NEEDLEJET NOZZLE OPTIONS


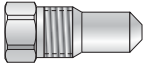



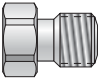


STYLES

Model	Model Type	Description	Connection Thread Size	Hex in. (mm)	Materials
	48460	Tapered front	9/16"-24 NEF	11/16 (17.5)	316 stainless steel body with synthetic ruby orifice
	19124	Tapered front	9/16"-24 NEF	11/16 (17.5)	316 stainless steel
	P36503	Tapered front	1/4" BSPP	11/16 (17.5)	316 stainless steel

NEEDLEJET

SHOWER NOZZLES

Model	Model Type	Description	Connection Thread Size	Hex in. (mm)	Materials
	56740	Longer length design	1/8" BSPP	7/16 (11.1)	316 stainless steel body with synthetic ruby orifice
	48277	Longer length design with extended inlet	1/8"	7/16 (11.1)	316 stainless steel
	21280	Longer length design with extended inlet	9/16"-24 NEF	11/16 (17.5)	316 stainless steel – nozzle and extension tube
	39458	Longer length design with extended inlet	9/16"-24 NEF	11/16 (17.5)	316 stainless steel nozzle and extension tube; ceramic orifice
	22812	Compact design; front of nozzle is flat, not rounded	1/8"	7/16 (11.1)	316 stainless steel
	20094	Compact design	1/4"-28 UNF	5/16 (7.9)	316 stainless steel

FOR DETAILED NOZZLE PERFORMANCE DATA, SEE

 Standard Units

 Metric Units



PERFORMANCE DATA
SOLID STREAM: 48460, 19124, P36503, 56740, 48277, 21280, 39458, 22812, 20094

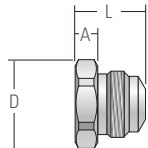
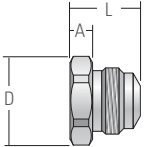
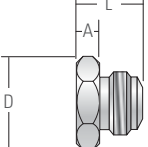
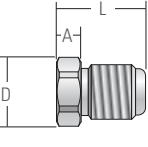
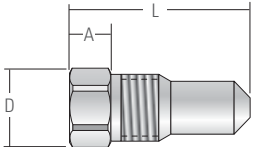
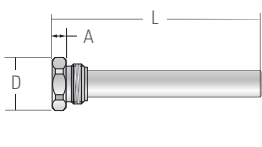
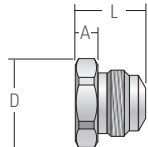
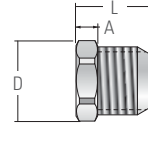
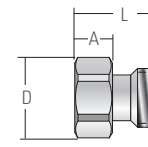
Capacity Size	Equiv. Orifice Dia. (mm)	Flow Rate Capacity (liters per minute)								
		3.0 bar	4.0 bar	5.0 bar	7.0 bar	15.0 bar	30 bar	40 bar	50 bar	60 bar
14	.36	.12	.13	.15	.17	.25	.37	.42	.47	.51
28	.71	.42	.48	.54	.63	.93	1.3	1.5	1.7	1.9
33	.84	.62	.73	.81	.95	1.4	2.0	2.4	2.7	2.9
40	1.02	.89	1.0	1.1	1.4	2.0	2.8	3.2	3.6	3.9
55	1.4	1.6	1.9	2.1	2.4	3.6	5.0	5.8	6.5	7.0
70	1.78	2.7	3.1	3.5	4.2	6.1	8.8	10.0	11.0	13.0
94	2.39	4.5	5.2	5.9	7.0	10.0	15.0	18.0	20	22
125	3.18	7.3	8.5	9.6	11.0	17.0	25	30	33	37

ORDERING INFORMATION

Call your local spray expert for application assistance or to place an order.

METRIC UNITS

DIMENSIONS

Nozzle	Nozzle Type	Conn. Thread Size (in.)	L (mm)	A (mm)	Hex. (mm)	D (Dia.) (mm)
	48460	9/16"-24 NEF	14.1	4.0	17.5	19.1
	19124	9/16"-24 NEF	14.1	4.9	6.4	19.1
	P36503	1/4 BSPP	14.1	4.9	17.5	19.1
	56740	1/8 BSPP	16.8	4.3	11.1	12.3
	48277	1/8	28.6	6.4	11.1	12.3
	21280	9/16"-24 NEF	Varies	4.9	17.5	19.1
	39458	9/16"-24 NEF	Varies	4.9	17.5	19.1
	22812	1/8	11.2	3.3	11.1	12.3
	20094	1/4"-28 UNF	11.2	4.1	7.9	8.7