



Spraying Systems Co.®
Experts in Spray Technology

FLOMAX® FMX-NOx NOZZLES

LOW AIR CONSUMPTION SMALL DROP SIZE

The NOx System requires a finely atomized Diesel Exhaust Fluid (DEF) to maximize effectiveness and reduce emissions. Compressed air is used to produce the fine atomization but reducing its consumption leads to operational and capital savings. Two-fluid FloMax FMX-NOx nozzle features unique multi-stage atomization design which provides small drop size with tighter drop size distribution while consuming less air.

BENEFITS

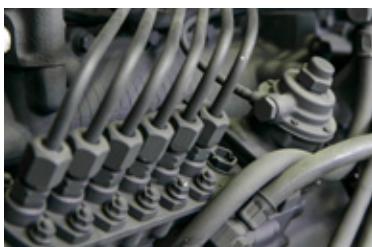
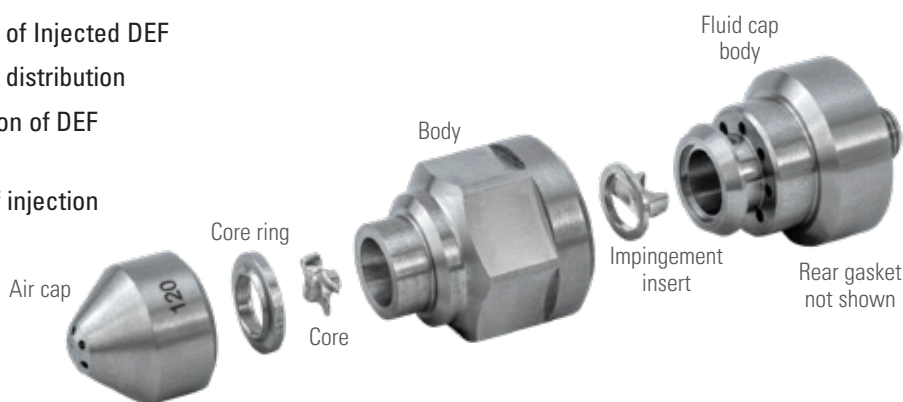
- **Lower Atomizing Air consumption** for finer atomization of DEF
- **Small Drop size** for maximum effectiveness of Injected DEF
- **Multistage atomization** for tighter drop size distribution
- **Insulated nozzle body** prevents crystallization of DEF and nozzle pluggage
- **High turndown ratio** to cover wide range of injection

WATCH VIDEO
FLOMAX FMX-NOx
SPRAYING

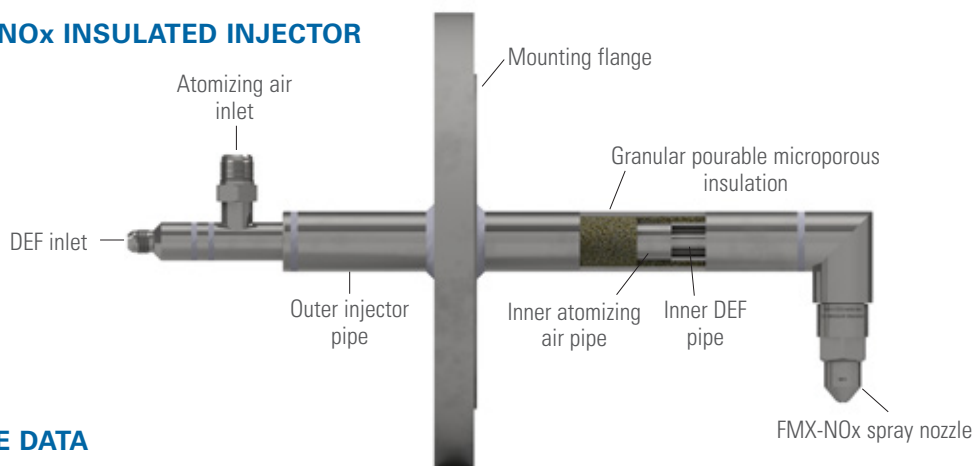


SPECIFICATIONS

Flow rate range: 1.32 gph (5 lph) to 42.27 gph (160 lph)
Air Consumption: 3.15 scfm (5.35 Nm³/hr) to 7.76 scfm (13.18 Nm³/hr)
Operating Pressure: Air pressure 50 psig (3.45 barg) to 60 psig (4.14 barg); Liquid Pressure 25 psig (1.72 barg) to 100 psig (6.89 barg)
Spray angle: 55°
Drop Size (D32) Range: 7 µm to 62 µm
Material: 316 stainless steel



FLOMAX FMX-NO_x INSULATED INJECTOR



PERFORMANCE DATA

FLOMAX FMX-NO_x-60-316SS

Liquid Flow GPH (LPH)	At 50 psig (3.45 barg) Const. Air					At 60 psig (4.14 barg) Const. Air				
	Liquid Pressure psig (barg)	Air Flow scfm (Nm³/hr)	Drop Size (µm)			Liquid Pressure psig (barg)	Air Flow scfm (Nm³/hr)	Drop Size (µm)		
			D32	Dv0.5	Dv0.9			D32	Dv0.5	Dv0.9
1.32 (5)	25 (1.72)	3.15 (5.35)	12	21	59	31 (2.14)	3.76 (6.39)	11	18	47
3.96 (15)	33 (2.28)	2.98 (5.06)	13	22	61	41 (2.83)	3.39 (5.76)	11	19	53
9.25 (35)	54 (3.72)	2.53 (4.30)	21	35	86	64 (4.41)	2.93 (4.98)	18	29	71
15.85 (60)	94 (6.48)	1.97 (3.35)	29	52	129	97 (6.69)	2.16 (3.67)	28	49	124

FLOMAX FMX-NO_x-120-316SS

Liquid Flow GPH (LPH)	At 50 psig (3.45 barg) Const. Air					At 60 psig (4.14 barg) Const. Air				
	Liquid Pressure psig (barg)	Air Flow scfm (Nm³/hr)	Drop Size (µm)			Liquid Pressure psig (barg)	Air Flow scfm (Nm³/hr)	Drop Size (µm)		
			D32	Dv0.5	Dv0.9			D32	Dv0.5	Dv0.9
3.96 (15)	32 (2.21)	6.49 (11.03)	8	10	35	40 (2.76)	7.76 (13.18)	7	8	26
10.57 (40)	38 (2.62)	5.63 (9.57)	16	24	53	46 (3.17)	6.37 (10.82)	12	18	41
23.78 (90)	44 (3.03)	3.95 (6.71)	36	54	113	52 (3.59)	4.83 (8.21)	33	47	100
42.27 (160)	49 (3.38)	2.61 (4.43)	62	93	177	57 (3.93)	3.27 (5.56)	60	88	172

ORDERING INFORMATION

FLOMAX FMX- -120-316SS

Nozzle Type	—	Model	—	Capacity Size	—	Material Code
Example		FMX	—	NO _x	—	120 — 316SS



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