

Mooney® Inspirator

Type 26™ Inspirator

The use of the Type 26™ inspirator in place of the Type 24™ restrictor maximizes flow through the Flowgrid valve at times when the pressure differential across the valve falls below the published valve minimum differential pressure for full capacity.



The Type 26 inspirator incorporates a special nozzle design that reduces the loading (spring case) pressure to a value below the outlet pressure allowing the valve to fully open even when the pressure differential is very small. The inspirator acts like a differential amplifier with a gain of approximately 3.

	Type 24™ Restricting Valve	Type 30™ Filter	Type 26™ Inspirator
Pressure Rating	1,500 psig	1,500 psig	1,500 psig
Temperature Range	-20°F to 150°F	-40°F to 175°F	-20°F to 150°F
Max Differential	1,500 psig	1,500 psig	1,500 psig
Flow Coefficient	Large C _g min C _g max C _g C ₁ C _v	Std. .75 5.8	4.0
	0.18	19 35 .54	
Filter Element		10 Micron	
Material	SST & Steel	Alum., Steel & SST	Steel