

Models	Filter Limit	Pre-Filter Drain		Scheduled Maintenance*		Regulator and Gage	Outlet Tube Connection		Air Capacity @ 80 psi CFM	Max. Input Pressure (psi)
		Manual	Auto	Monthly	Yearly		#	Size**		
ISI-BX78S	5 um			*		*	1	¼"	9.5	145
ISI-D100D	< 1um			*			2	¼"	10.5***	125
ISI-FD100D	< 1um	*		*			2	¼"	9.5	125
ISI-FD100DGR	< 1um	*		*		*	2	¼"	9.5	125
ISI-D500	< 1um		*		*		3	¼"	9.5	145
ISI-D500R	< 1um		*		*	*	3	¼"	9.5	145
ISI-D500M^	< 1um		*		*		1	6mm	9.5	145
ISI-D500MR^	< 1um		*		*	*	1	6mm	9.5	145

* Manual draining of pre-filter bowls and changing fine paper element filter. Frequency depends on air moisture content, cfm and use.

** The fittings accept ¼" tube. The outlet fittings can be replaced with any ¼" male NPT fitting to accommodate different plumbing requirements.

*** Rating using ¼" tubing. Up to 100 cfm capacity when fitted with larger diameter tubing and corresponding fittings (1/4" NPT).

^ Option for Metric Dental Mills that use a 6mm input hose

Application Notes: Submicron filtering is recommended for Air Abrasive Blasters, they typically require 2.5-3.5cfm. Blasters with larger nozzles and higher operating pressures can result in air flow as high as 5.5cfm. Bench top Dental Mills use between 1-3cfm. Dental Hand Pieces may require up to 2 cfm air flow.