



Integral Systems, Inc.

Air Dryers

Models	Submicron Filter	Pre-Filter		Scheduled Maintenance*		Regulator and Gage	Air Capacity CFM @ 80 psi	Maximum Input Pressure (psi)
		Manual Drain	Auto Drain	Monthly	Yearly			
ISI-BX78S				*		*	9.5	145
ISI-D100D	*			*			10.5**	125
ISI-FD100D	*	*		*			9.5	125
ISI-FD100DGR	*	*		*		*	9.5	125
ISI-D500	*		*		*		9.5	145
ISI-D500R	*		*		*	*	9.5	145

* Manual draining of filter bowls and changing filter in ISI-D100D. Frequency depends on air moisture content and use.

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

Application Notes:

Submicron filtering is recommended for Air Abrasive Blasters. Dental Blasters typically use 2.5-3.5cfm. Larger nozzles and higher operating pressures result in air flow as high as 5.5cfm. Bench top Dental Mills use between 1-3cfm. Dental Handpieces may require up to 2 cfm air flow. All ISI Air Dryers come with fittings accepting ¼" tubing. These fittings can be replaced with any ¼" male NPT fitting to accommodate different plumbing requirements.

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