

Technical Bulletin

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SCFM Required for Operation of 6 Through 500 SCFM Dryers

Air Options, Inc. dryers use a small amount of the air from the compressor in which they are mounted to. In most situations this is not a concern and will not adversely effect the compressor operation. The dryer simply requires from 3 to 7% of the output of the compressor. In installation where it is perceived that this may be a concern the following chart will show SCFM usage for Air Options dryers at different pressures.

Dryer Size In SCFM	90 PSI	125 PSI	150 PSI	175 PSI	SCFM Required @ 125 PSI in %
6	0.3	0.4	0.5	-	6.6 %
12	0.5	0.7	0.8	0.9	5.8 %
25	1.0	1.4	1.7	2.0	5.6 %
40	1.7	2.4	2.9	3.4	6.0 %
80	-	3.6	4.3	5.0	4.5 %
120	-	5.0	6.0	7.0	4.2 %
150	-	6.2	7.5	8.8	4.1 %
200	-	8.3	12.4	14.6	4.1%
250	-	9.5	14.3	16.8	3.8 %
300	-	10.5	15.7	18.5	3.5 %
350	-	11.5	17.3	20.4	3.3 %
400	-	12.6	19.0	22.4	3.1 %
500	-	15.1	22.8	26.9	3.0 %

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