



MOISTURE SEPARATORS

ENGINEERING

Air Solutions Group
Davidson, NC 28036

Ref: 11734.01
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ENGINEERING DATA

Model No.'s	Inlet Size	Discharge Size	Flow			
			100 psig		125 psig	
			1 psid	2 psid	1 psid	2 psid
MS1	.50 NPT	.50 NPT	85	116	90	125
MS2	.75 NPT	.75 NPT	85	116	90	125
MS3	1.0 NPT	1.0 NPT	215	305	240	330
MS4	1.25 NPT	1.25 NPT	215	305	240	330
MS5	1.5 NPT	1.50 NPT	312	443	340	480
MS6	2.0 NPT	2.0 NPT	545	746	595	840
MS7	2.5 NPT	2.5 NPT	852	1145	920	1300
MS7.5	3.0 NPT	3.0 NPT	1285	1819	1400	1980
MS8	3.0 Flange	2.0 NPT	312	443	340	480
MS9	4.0 Flange	2.5 NPT	545	746	595	840
MS10	5.0 Flange	3.0 NPT	852	1145	920	1300
MS11	6.0 Flange	4.0 ANSI Flange	1285	1819	1400	1980
MS12	8.0 Flange	6.0 ANSI Flange	2168	3065	2280	3220
MS13	10.0 Flange	6.0 ANSI Flange	3426	4842	3730	5270
MS14	12.0 Flange	8.0 ANSI Flange	5241	7403	5700	8060
MS15	14.0 Flange	10.0 ANSI Flange	9008	12760	9870	14000
MS16	16.0 Flange	12.0 ANSI Flange	13660	19264	14900	21000

Notes:

1. Separator models MS8-MS16 have inlet flange configurations built to Ingersoll-Rand dimensions, not ANSI. This allows for these separators to be flanged directly to the watercooled aftercoolers - no spool piece is required when used in conjunction with current production Ingersoll-Rand watercooled aftercoolers.
2. We recommend the use of an Auto Drain Valve. See Automatic Drain Valve Section
3. Design pressure is 150 PSI @ 400°F. Pressure relief devices should not exceed this setting.