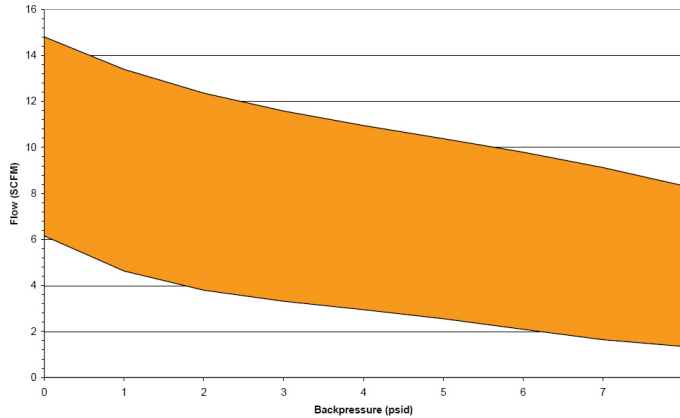
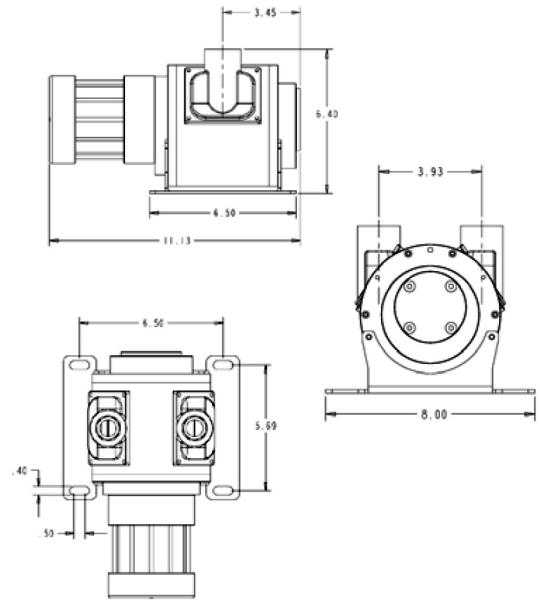


Model 55 Univane™ Compressor

M55 Performance Envelope



Specifications



Specification Table

Model 55H Univane™ Compressor	
Application:	Hydrogen
Vane:	Single Composite Vane
Bearings:	Sealed, Ceramic Balls Lubricated with Krytox®
Input/Output Fitting:	SAE O-Ring Port, Size 12 (Many common fitting adapters available)
Fitting Options (sold separately)	SAE-12 O-Ring to 3/4" tube stub; p/n ES-C00410-000 SAE-12 O-Ring to 1/2" tube; p/n ES-C01622-000 SAE-12 O-Ring to 1/2" FNPT; p/n ES-C01623-000
Housing Material:	316 Stainless Steel
Overall Dimensions:	6.4 x 8.0 x 11.13 in
Operating Temperature:	-40 to + 250°F (-40 to +121°C)
Flow Rate Range:	2 to 15 (SCFM)—See Performance Curve 56 to 425 (SLPM)
Boost Pressure:	0 to 8 PSIG (0 to 550 mbar)*
Maximum Input Pressure:	50 PSIG (3,450 mbar)
DC Brushless Motor: (Nominal Voltage)	24 or 48 VDC Sensorless brushless DC motor controller required (sold separately)

*Contact Applications Engineering for higher pressure requirements

Ordering Information

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Rev. 06/2009

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