

VRU-1



NATURAL GAS COMPRESSOR VAPOR RECOVERY UNIT

The VRU-1 is designed to be perfectly suited as a Vapor Recovery Unit, as well as a small natural gas booster compressor. The VRU-1 is a small unit with a simple design, but it has been engineered with heavy duty components and extremely durable running gear, operating at a relatively low speed. These robust features make this unit more reliable

and longer lasting than other compressors of this type.

The VRU-1 is a single-throw, single-stage compressor rated at 15HP and typically belt driven at a maximum of 600RPM. It is available with either 5" or 8" double acting cylinders which utilize simple poppet valves. The VRU-1 has a relatively high capacity

due to the combined rod-load capability of 10,000 lbs.

Please contact Arrow Engine Company for more information on the new VRU-1 Compressor, or consider having the Arrow Compression Products Packaging Division provide a complete turn-key compressor package built to your specifications.



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VRU1-ML-F-JAN12

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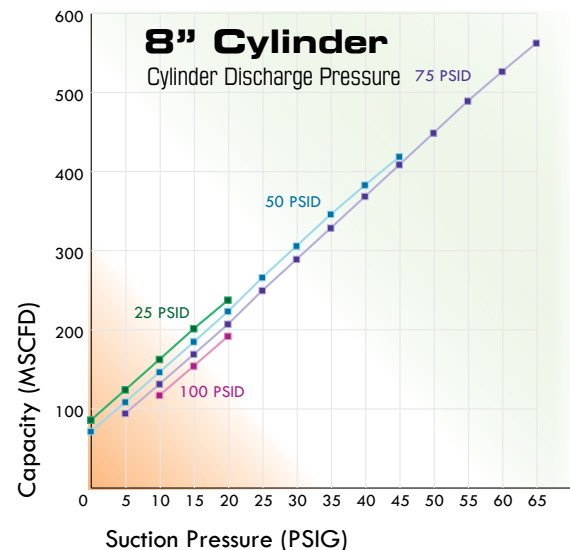
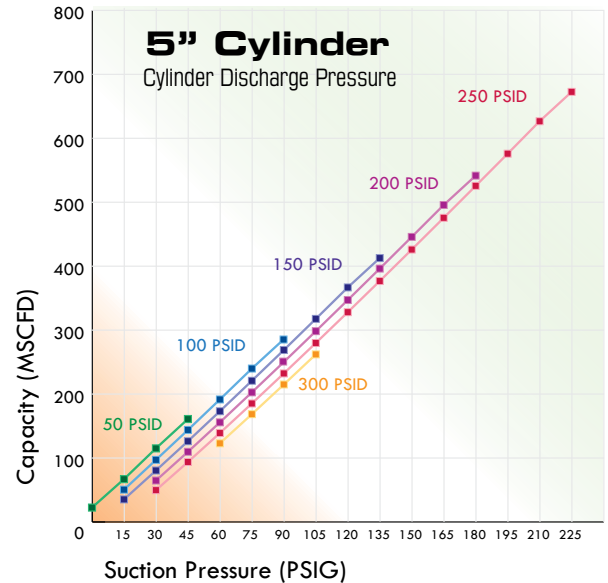
DESIGN SPECIFICATIONS

FRAME

Horsepower	15BHP
Speed Range	150-600 RPM
Maximum Combined Rod Load	10,000 Pounds
Stroke	2 1/4 Inches
Friction Horsepower	2HP
Frame Lubrication	Splash
Crankshaft	Ductile Iron
Connecting Rods	Forged Steel
Main Bearings	Tapered Roller
Connecting Rod Bearings	Precision Insert Trimetal
Crosshead	Aluminum
Crosshead Wrist Pin	Hardened Steel - Full Floating
Wrist Pin Bushing	Bronze
Frame Oil Capacity	2 Gallons

CYLINDERS

5 Inch Diameter, Double Acting	350 psig MAWP
5 Inch Diameter Piston Material	Ductile Iron
8 Inch Diameter, Double Acting	150 psig MAWP
8 Inch Diameter Piston Material	Anodized Aluminum
Piston Rod Diameter	1 1/8 Inches
Piston Rod Material	Hardened Steel w/Rolled Threads
Piston Rings & Rider Band	Carbon-Filled Teflon
Rod Packing	Carbon-Filled Teflon
Cylinder Lubrication	Non-Lube
Valves	Ductile Iron with Poppets



Charts based on natural gas with a specific gravity of 0.65

