

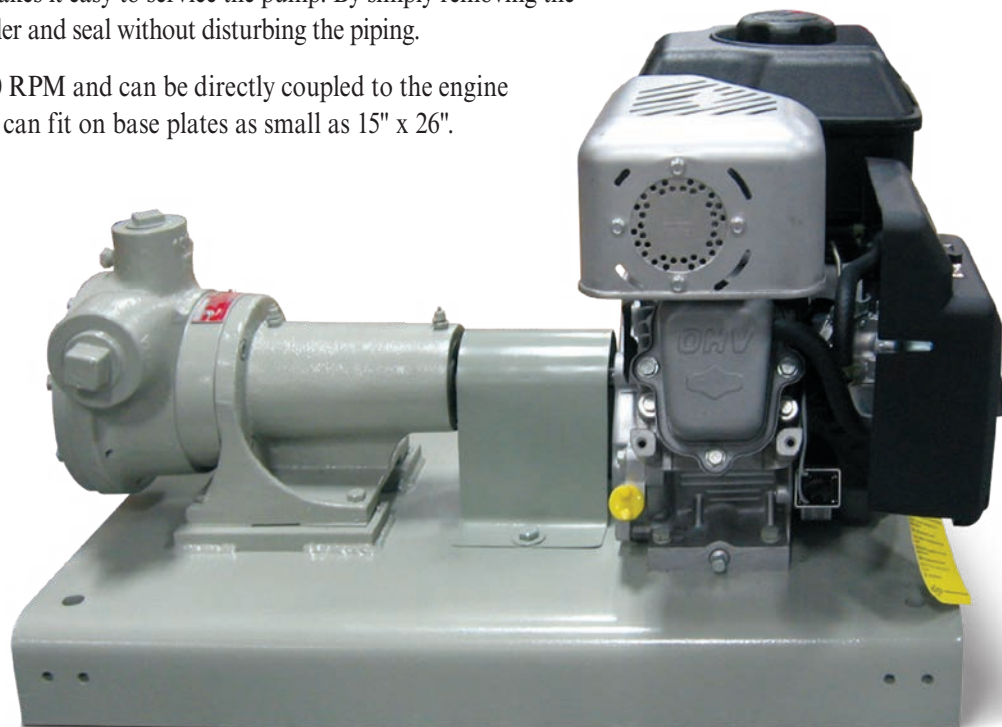
Coro-Flo® Goes Mobile

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If you thought the Corken Coro-Flo® regenerative turbine pump could only be driven by electrical motors, think again. A mobile Coro-Flo package can be driven by gasoline, diesel, or LP fired engines and are flexible, cost effective and easily installed. Since there are no electrical connections, the mobile Coro-Flo package is ideal for rural applications where electrical power is not available.

The continuous-duty Coro-Flo pump is designed for low-capacity, high-head applications and operates without noise, vibrations, or pulsations commonly found with other pump technologies. The pump only has one moving part—the impeller—which floats on the shaft with no rubbing or metal-to-metal contact. The balanced mechanical seal is furnished with its own sleeve and provides long, reliable service. The simplicity of the design makes it easy to service the pump. By simply removing the pump cover, you can service the impeller and seal without disturbing the piping.

The pump ranges from 1,800 to 3,600 RPM and can be directly coupled to the engine or belt driven. The compact package can fit on base plates as small as 15" x 26".



Applications:

Ammonia
Carbon dioxide
Refrigerants
Refined fuels
Light oils
Glycols
Solvents
Asphalt burner feed
Foam blowing agents

Features & Benefits

Regenerative turbine type:	Able to handle liquefied gases without flashing
High flows & differential pressures:	Ideal for dual hose dispensers & multiple dispensers
Heavy duty bearings:	Long bearing life
Single mechanical seal:	Very easy seal replacement and maintenance
Floating impeller:	Long impeller life, lower maintenance
Multiple flange options:	NPT or ANSI provides optimal versatility

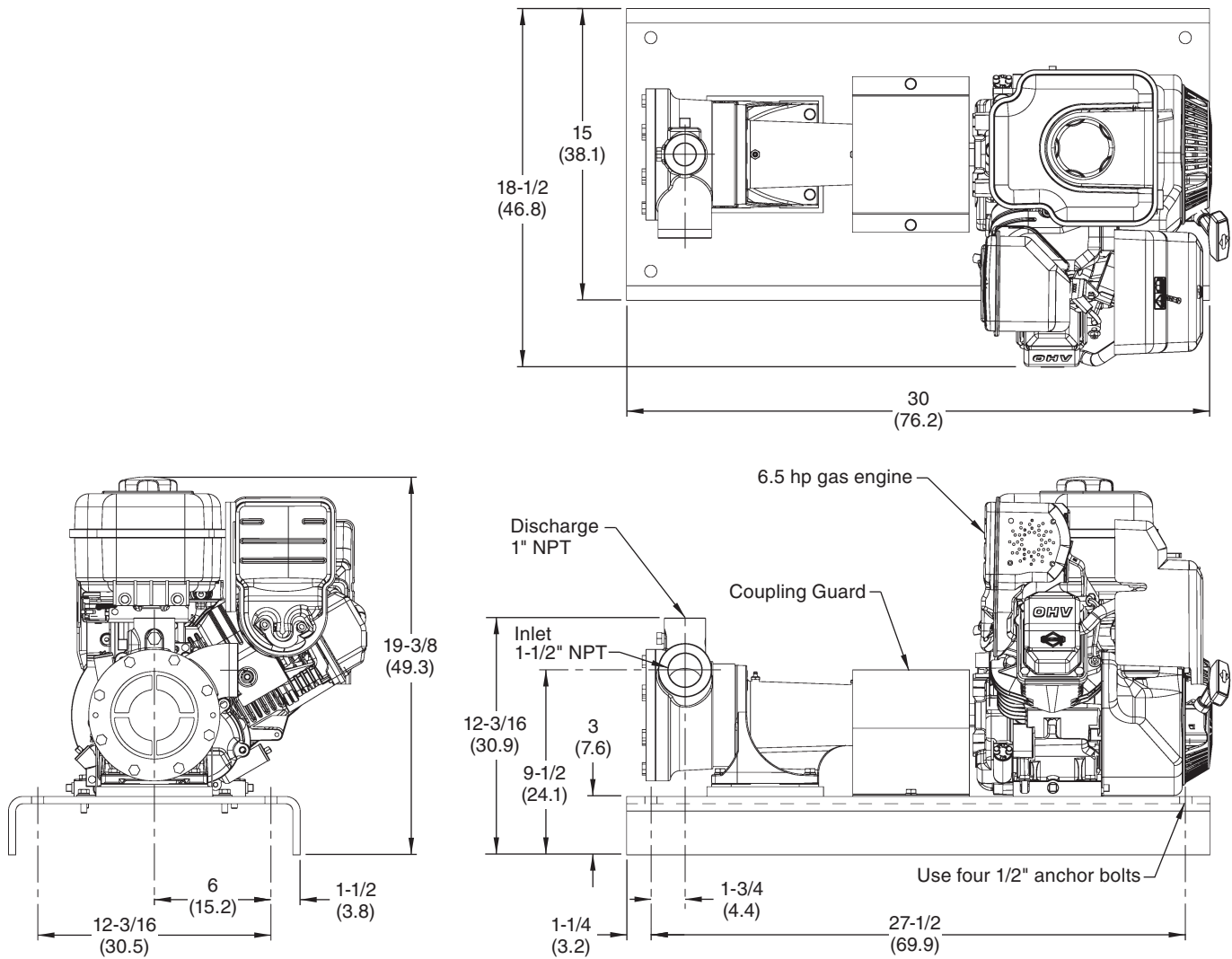
Material Specifications

Part	Available Materials
Case / cover	Ductile Iron ASTM A536
Impeller	Bronze, Ductile Iron, Steel, Stainless Steel
Shaft	Steel, Stainless Steel
O-rings	Buna-N, Neoprene, Viton, Ethylene Propylene, Kalrez
Seal sleeve	Aluminum, Stainless Steel
Seal seat	Cast Iron, NI-Resist, Ceramic, SIC, Stainless Steel, Tungsten Carbide
Seal housing	Cad Plated Steel, Stainless Steel

Mechanical Specifications

Inlet	1-1/4" NPT (Models 9,10)
	1-1/2" NPT (Models 12,13,14,15)
	1-1/2" ANSI 300# RF (Models 9-15, 060, 075, 150)
Outlet	1" NPT (Models 9-15)
	1" ANSI 300# RF (Models 9-15, 060,075,150)
RPM range	1,800–3,600
Working pressure	400 PSI Maximum
Max. differential pressure	125 PSI (Models 9-15)
	150 PSI (Models 060,075)
	250 PSI (Model 150)
Temperature range	-25 to 225°F
Max. viscosity	400 SSU

Outline Dimensions



All dimensions are in inches (centimeters).



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