

VANAIR Comet Hydraulic 30 CFM Reciprocating

Reciprocating Power

As the first company to utilize Power Take-off (PTO) technology for air compressors, Vanair continues to develop units of different operational methods to give customers the product that best fits their application.

Truck-mounted Mobility

Ideal for applications where heavy-duty performance is needed and space requirements are limited, the Comet's compact design makes it an ideal choice for the best of both worlds.

Vanair Dependability

Every product that Vanair designs, engineers, and manufactures is backed by years of technological experience, expertise, and a commitment to continuous improvement. From installation assistance and operations training to comprehensive maintenance kits and troubleshooting techniques, Vanair offers the products and services you expect from the PTO innovator.

Extra Power Packed in a Compact Design

Vanair Comet 30 cfm Hydraulic-Powered Reciprocating Compressors




VANAIR
AIR POWER TO GO™



For applications where truck-bed space is at a premium, yet your application demands powerful performance time after time, rely on Vanair's Comet 30 cfm hydraulic-powered reciprocating compressor to get the job done.

SPECIFICATIONS

Capacity (cfm)	30
Air Pressure	100
Hydraulic Flow (gpm)	11.5
Hydraulic Pressure (psi)	1800
Input Speed (rpm)	1420

Compressor Dimensions
with fittings (in.) –
32.4L x 17.75W x 21.75H

Allow for adequate ventilation

Dry Weight (lbs.) – 280

HYDRAULIC SYSTEM REQUIREMENTS

- 3000 psi rated hydraulic pump
- Pressure relief set at 3200 psi
- Hydraulic reservoir at 2.5 times the oil flow (recommended)
- Dedicated gear pump
- Additional oil cooler for high-ambient temperatures

SPECIAL FEATURES

Compressor

- Single-stage, four-cylinder reciprocating type, direct-driven
- Integral hydraulic oil cooler
- Added features include:
 - Powder-coated, galvanized sheetmetal enclosure
 - Cast-aluminum crankcase
 - Corrosion-resistant steel valves
 - Tapered roller-type main bearings
 - Balanced crankshaft
 - Weight-matched balanced pistons
 - High-flow valves
 - Lightweight connecting rods
 - Interstage cooling
- Supply connections:
 - Hydraulic oil in – 3/4" 37° JIC
 - Hydraulic oil out – 3/4" 37° JIC
- Electrical 12-volt DC/24-volt DC

Control System

- Built-in discharge line check valve to prevent head pressure during re-load or start-up
- Integral manifold-mounted priority flow and solenoid diverter valve with hydraulic pressure relief

Safety Equipment

- Air pressure-relief safety valve
- Hydraulic oil pressure-relief valve

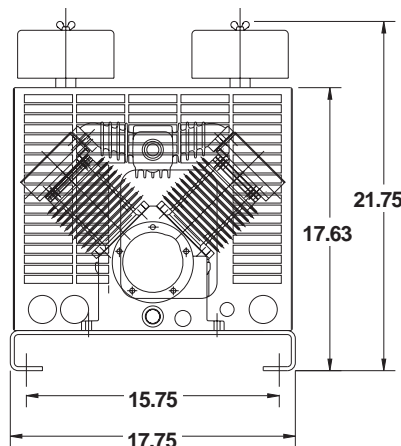
OPTIONS/ACCESSORIES

- Filter/lubricator/regulator (FLR)
- Air hoses, hose reels, and fittings
- 20-, 30-, or 60-gallon air reservoirs



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FRONT VIEW



SIDE VIEW

