

Hydraulic - 60 to 185 CFM

All the Advantages of an Underdeck System

Lightweight, space saving and cost effective, Vanair's hydraulically-driven underdeck air compressor systems are ideal for vehicles that already have a built-in hydraulic system.

Component Dimensions (with fittings)

Models 60 and 85

Compressor (in.) – 12W x 29L x 13.5H
Air/Fluid Receiver (in.) – 10D x 30L
Fluid Cooler (in.) – 22W x 17.5H x 9.25D

Models 125, 160, and 185

Compressor (in.) – 12W x 29L x 13.5H
Air/Fluid Receiver (in.) – 12D x 38L
Fluid Cooler (in.) – 26.5W x 19.25H x 9.25D



UDH

Capacity (CFM)	60	85	125	160	185*
Air Pressure (psi)	100 to 150	100 to 150	100 to 150	100 to 150	100 to 150
Hydraulic Flow (gpm)	17.0	23.5	27.6 - 29.2	36.8 - 38.3	42.2 - 44.2
Hydraulic Pressure (psi)	2300 to 2800	2300 to 2700	2100 to 2620	2200 to 2700	2400 to 2830
Compressor Input (rpm)	1030	1460	1340 - 1370	1770 - 1780	2015 - 2040
Compressor Oil Capacity (gal.)	2.5	2.5	3.5	3.5	3.5
Mounted Weight (Dry) (lbs.)	428	428	453	453	453

*Consult factory for over 185 cfm. Ratings above are approximate and are based on 120°F hydraulic fluid temperature. Consult Vanair for Specific details.

SPECIAL FEATURES

Safety Equipment

- High-temperature shutdown
- High-pressure shutdown
- Air pressure-relief safety valve
- Minimum pressure valve
- Automatic blow down on shutdown
- Oil fill plug safety relief

Instrumentation

- Hour Meter
- Pressure Gauge
- Temperature Gauge

Options/Accessories

- External, spin-on air-oil separating element
- Dual Pressure
- Service/control line moisture separators
- Filter/lubricator/regulator (FLR)
- Air hoses, hose reels, and fittings
- OSHA safety valve (velocity fuse)
- Sullair® air tools
- Tool Oil Lube Lubricator
- Post drivers

Hydraulic System Requirements

Vanair highly recommends consulting a hydraulic supply expert for specifying the correct hydraulic pump size and type, oil reservoir size, hydraulic cooler, hydraulic pressure relief, and other hydraulic supply components for your application. Please take into consideration the following:

- The hydraulic flow and pressure requirements of the air compressor
- Keep in mind that when the compressor is running there is a continuous hydraulic load
- The duty cycle and ambient operating temperatures
- Other hydraulic equipment which may share the same hydraulic supply system (Vanair recommends a dedicated pump and hydraulic circuit)