



A/C COMPRESSOR
AXIAL DIRECT DRIVE

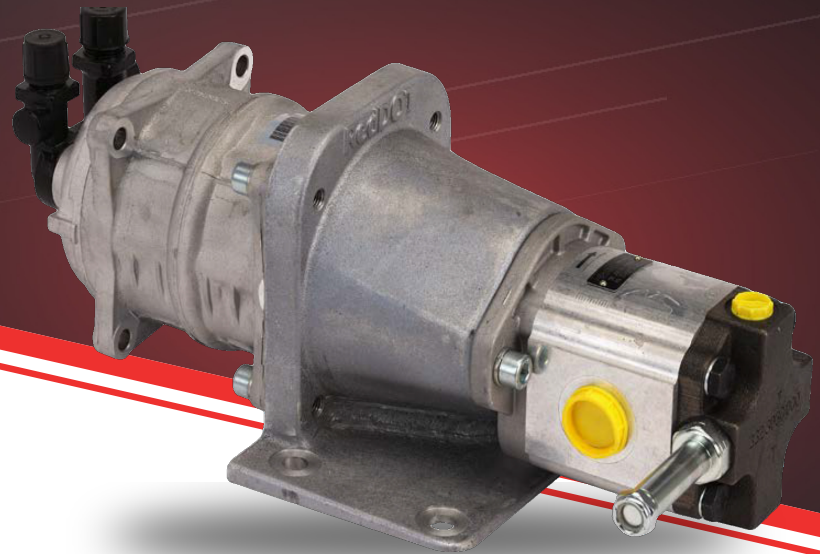
R-9976

NO BELTS
HYDRAULIC
DRIVEN

HYDRAULIC AXIAL DIRECT DRIVE

Cooling where the engine can't reach.

The perfect solution when you can't run the compressor directly from the engine. No belts, minimal A/C hose length, maximum performance.



OVERVIEW

Fewer lines. Fewer leak points.

The hydraulic motor has an integrated on/off solenoid valve and bypass circuit, giving greater hydraulic flow and pressure range flexibility. With fewer components and connections, the R-9976 is simpler to install, and the mounting plate is the same as previous installations.

- Integrated on/off solenoid valve & bypass circuit
- No external control valves or bypass circuits
- Only three hydraulic lines to connect
- 12 V and 24 V coils + wiring harness included

3

HYDRAULIC LINES

Earlier models: up to 7

0

BELTS

Driven by vehicle hydraulics

THREE HYDRAULIC MOTOR SIZES

R-9976-5P

8 CC/REV

Same as dash-3 assembly

R-9976-6P

14 CC/REV

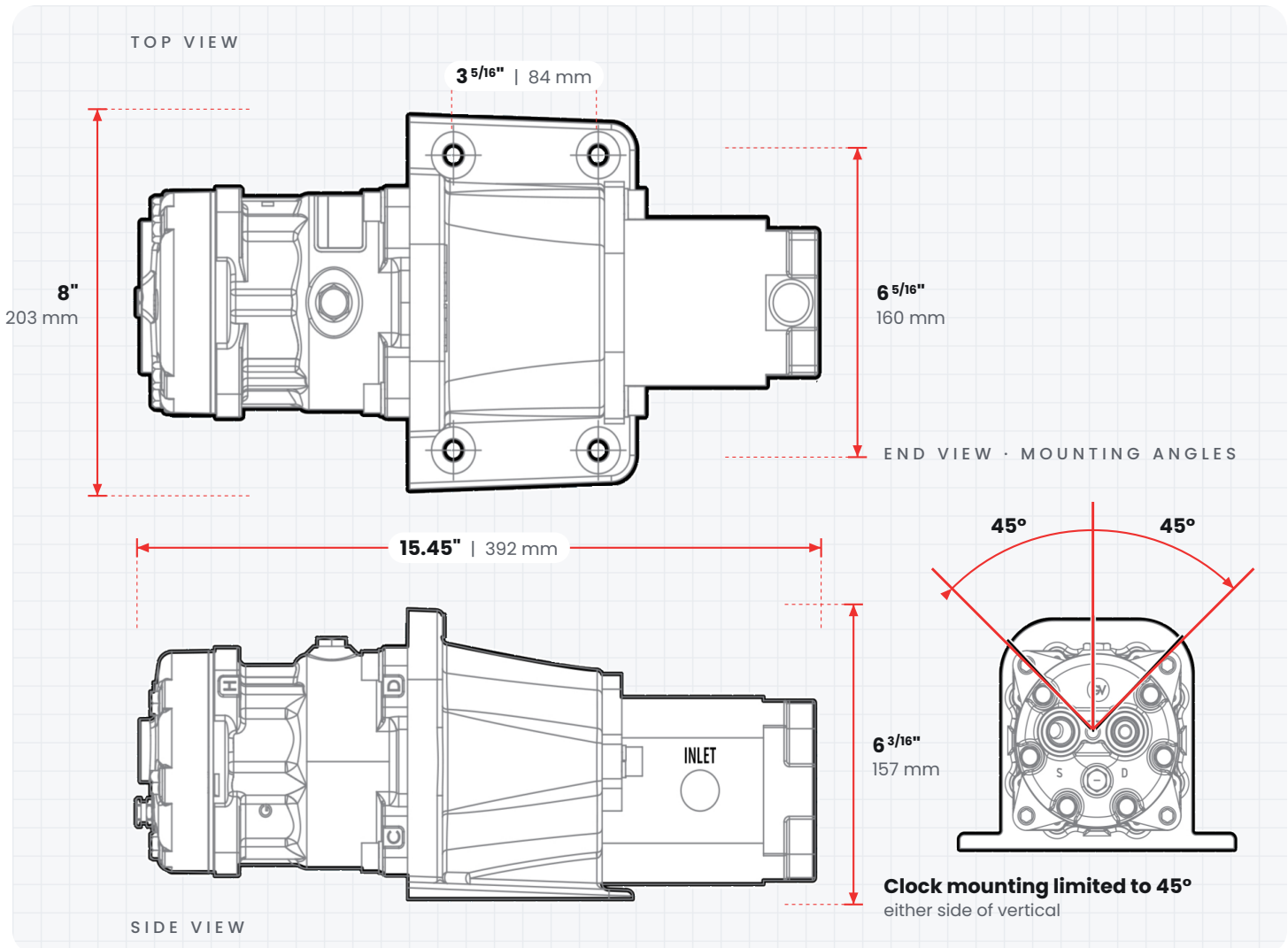
R-9976-7P

23 CC/REV

12/24
V COILS

DIMENSIONS & MOUNTING

Same mounting plate. Easy fit.



IN THE BOX

Ready for 12 V or 24 V.

Every R-9976 ships with both 12 and 24 volt coils and the wiring harness to connect it to your vehicle's electronics.

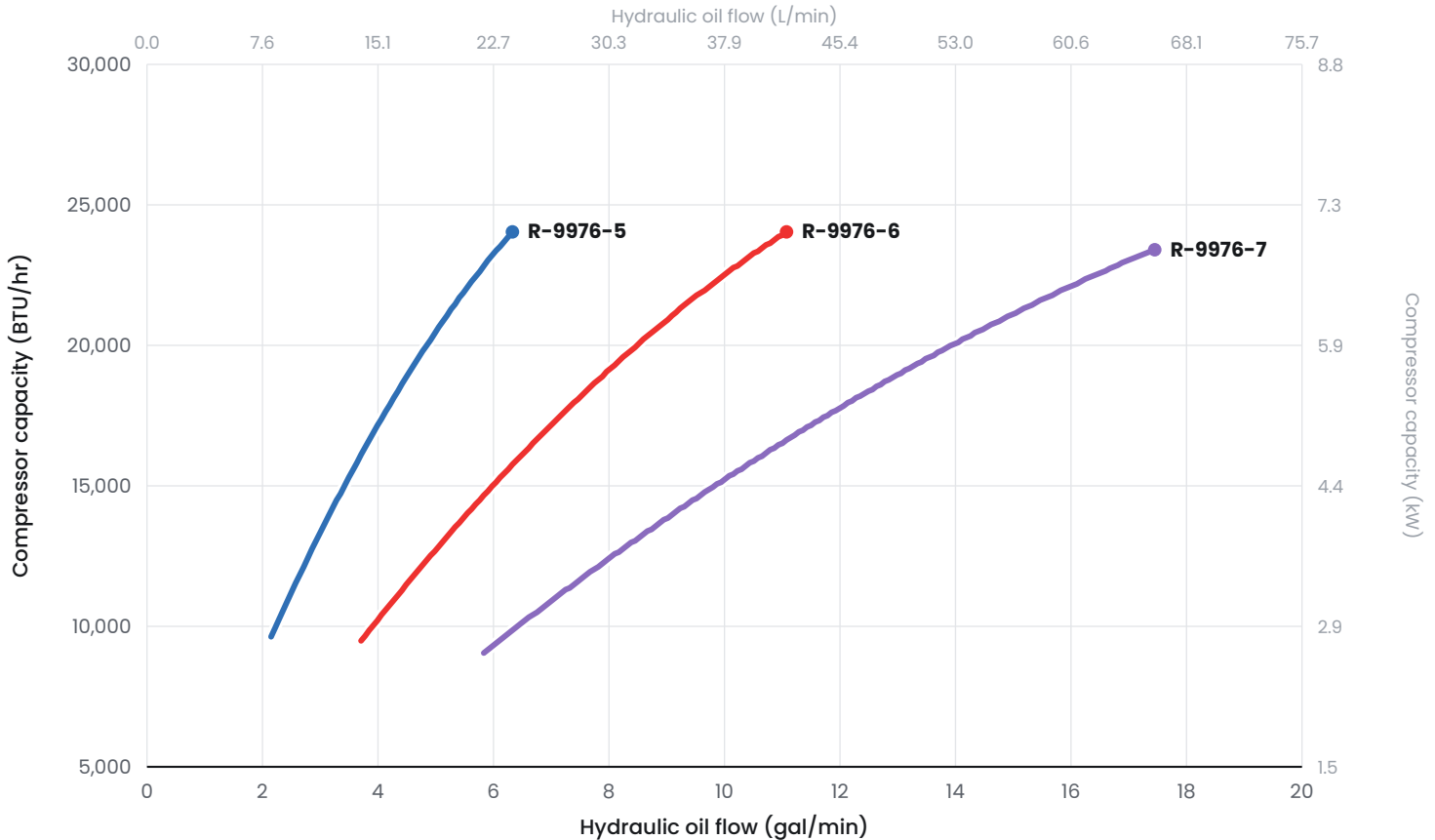
- 12 V solenoid coil
- 24 V solenoid coil
- Wiring harness



PERFORMANCE

Hydraulic flow & pressure curves

Choose the correct assembly based on your available hydraulic system pressure and flow rate.



R-9976-5

Min flow 2 GPM (7.6 LPM)
 Max flow 6 GPM (22.7 LPM)
 Max pressure 3625 psi (250 bar)
 Min pressure 2000 psi (137 bar)

R-9976-6

Min flow 4 GPM (15 LPM)
 Max flow 11 GPM (42 LPM)
 Max pressure 3625 psi (250 bar)
 Min pressure 1200 psi (83 bar)

R-9976-7

Min flow 6 GPM (22.7 LPM)
 Max flow 18 GPM (68 LPM)
 Max pressure 3262 psi (225 bar)
 Min pressure 700 psi (48 bar)



WARNING

Red Dot Corporation takes no responsibility for modifications to the vehicle's hydraulic systems. All hydraulic modifications must be done by a certified hydraulic technician.