

ON-ROAD

R-6100 Rooftop

Air Conditioner Unit

COMMERCIAL TRUCKS • CONSTRUCTION • AGRICULTURE



The R-6100 is a lightweight, high-capacity unit with a styled low profile.

Low profile ceiling plenum blends with any interior.

The R-6100 is our most popular low-profile rooftop A/C unit for trucks and heavy-duty equipment cabs.

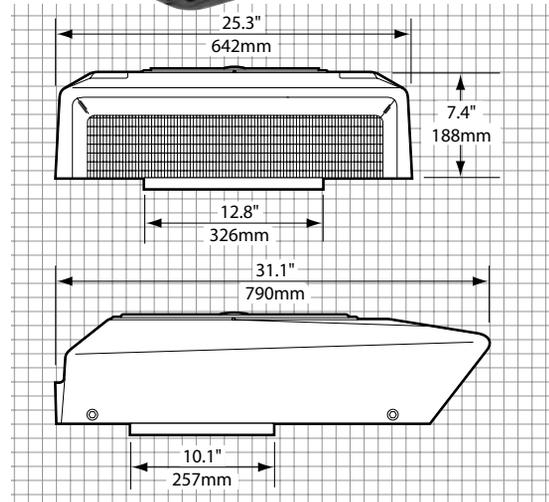
It's rotomolded housing is tough, light, and extends just 7.4 inches above the roofline to reduce the risk of impact or interference with equipment bodies and accessories. Inside the cab, the ceiling plenum houses the controls for the double blowers and thermostat as well as a cab air filter yet it protrudes barely 1.5 inches below the headliner. Two large diffusers rotate 360 degrees to concentrate airflow wherever it's needed.



HEATER-A/C

R-6100 SPECIFICATIONS

BTUs	Cooling -16,000 BTU/Hr with 36°F (4.7 kw with 2.2°C) refrigerant temperature and 80°F (26.7°C) wet bulb entering air
AIR FLOW	265 CFM (450 m ³ /h)
WEIGHT	70 lbs. (32kg)
CONDENSER COIL	The coil is aluminum fin and copper tube construction. This material selection, which includes a tube of .022" (6 mm) wall thickness, results in an effective, lightweight, and rugged coil.
CONDENSER MOTOR/ FAN	The motor is a permanent magnet type selected for its extended life. The motor is sealed and a slinger ring and hub cap added for weather protection. The fan is aluminum with a heavy duty spider and riveted blades.
CURRENT DRAW	33 amps @ 13.6 VDC (includes 4 amps for A/C clutch) 16.5 amps @ 27.2 VDC (includes 2 amps for A/C clutch)
CONTROLS	Three speed blower and adjustable thermostat



R-6100 SYSTEM ORDERING GUIDE

	R-134a	NOTES
UNITS	R-6100-4P R-6100-4-24P	12 VDC 24 VDC
CONDENSER	Contained in R-6100 unit	
INSTALLATION KIT	78R1505 78R1077	Refrigerant hose and fittings, etc. ATCO version Rooftop condenser EZ Clip version
OPTIONS	Bug Screen: Winter Cover: Universal Roof Mount Kit: Replacement Recirc. Filter: Replacement Receiver Drier: Replacement Plenum	RD-4-4529-1P RD-5-4718-0P RD-2-1302-0P (Relocates unit mounting bolts to pick up integral roof bracing) 78R5300 74R2546 RD-2-5974-0P
COMPRESSOR	Requires compressor and mounting kit	See 75 Series Compressor section