

AIR CONDITIONER
Red Dot Model **R-6101**

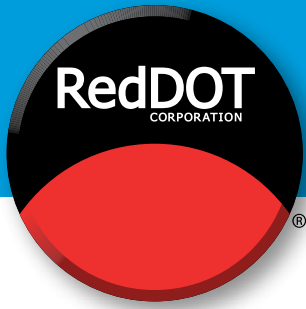
ROOFTOP

R-6101



The first step in a long-term program to refresh our units, Red Dot will offer a new design for the R-6100 rooftop air conditioner this year.

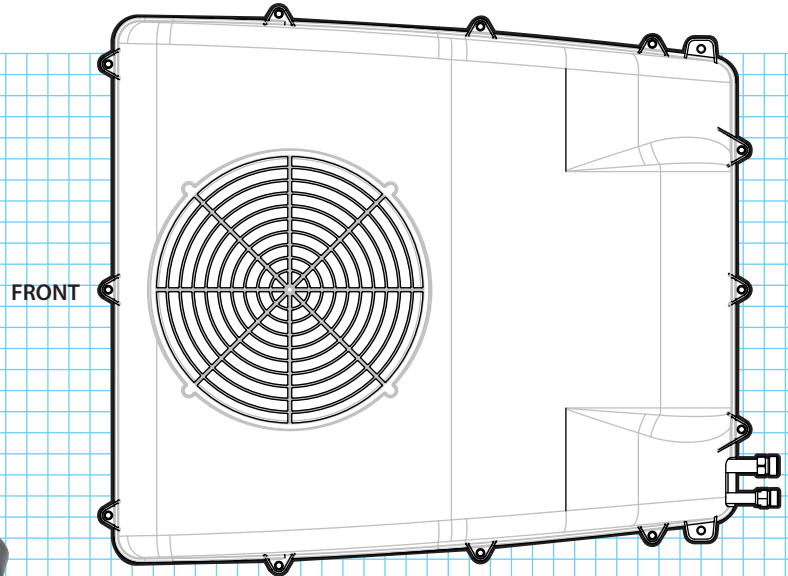
Our engineers set out to create a sleek, low-profile housing that would look right at home on today's truck and heavy-equipment cabs. In the process of developing this unit, early tests show a 28% weight reduction and 30% performance increase compared to the existing design.



The injection-molded housing has pockets to hold the receiver-drier, blower assembly, and evaporator core, so they're simpler to replace. A 12-inch Spal fan, dual-scroll/dual-inlet Spal blower, rifled-tube evaporator, and a parallel-flow condenser contribute to the improved performance.

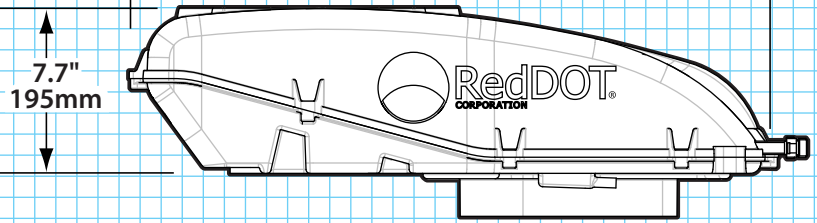


A low profile plenum protrudes barely 1½" into the cab and blends easily into the headliner leaving ample head room. Frigid, high-velocity air can be directed 360° through the large diffusers located directly below the double blowers. Also featured is a cab air filter incorporated into the plenum.



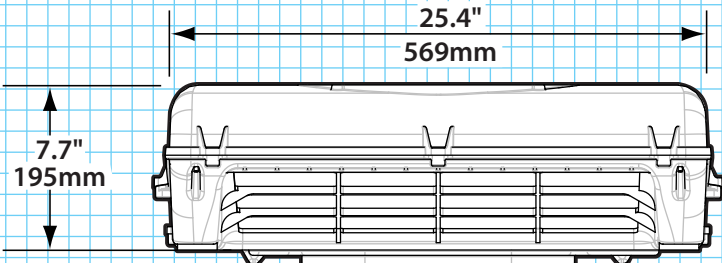
FRONT

29"
761mm



7.7"
195mm

10.1"
257mm



25.4"
569mm

7.7"
195mm

12.7"
322mm
FRONT

SPECIFICATIONS

BTU's	Cooling – 21,300 BTU @ 100°F (6.2kw @ 37.8°C) air temperature rise
Air Flow	299 CFM (508 m³/h)
Weight	40lbs (18.1kg)
Current Draw	25.7 amps @ 13.6 VDC 12.9 amps @ 27.2 VDC
Controls	Three speed

1 square = 1"