

AIR CONDITIONER  
Red Dot Model **R-1200 & R-1205**

**NO-IDLE A/C**

Red Dot's battery-powered A/C is designed for all makes of commercial trucks and tractors. There's no better way to maintain a cool, comfortable cab and sleeper environment without the expense of idling, maintenance, or a complicated installation.

Distributed and supported in North America by Red Dot, the R-1200 is engineered by Indel B, known worldwide for innovative refrigeration and A/C systems.



# R-1200

## No-Idle Air Conditioner Unit

### TRUCK SLEEPERS

The R-1200 No-Idle Air Conditioning system is designed for rubber-tired, over-the-road applications. It will maintain a cool, comfortable sleeper environment while the truck engine is turned off, even in hottest and most humid climates. The system requires four dedicated Group 31 deep cycle AGM batteries and provides ten hours of cool comfortable sleeper A/C.

### R-1200 SPECIFICATIONS

<b>COMPRESSOR</b>	Two Danfoss Compressors
<b>REFRIGERANT</b>	R-134a
<b>VOLTAGE</b>	12 / 24 volt Direct Current
<b>COOLING CAPACITY*</b>	Up to 1800 Watt / 6150 BTU
<b>12V CONSUMPTION*</b>	75 Amps/Hour (maximum), 37 Amps/Hour (minimum)
<b>FAN SPEED/POWER</b>	3-Speed (265 CFM)
<b>BATTERY PROTECTION</b>	Standard
<b>DIMENSIONS &amp; WEIGHTS</b>	Condensing unit: 12"H x 28 3/4"W x 4 1/4"D - 15.8 lbs. Evaporating unit: 5 5/8"H x 15 3/8"W x 13"D - 11.7 lbs. Compressor/control unit: 8"H x 15"W x 15 1/2"D - 54.5 lbs. <b>TOTAL: 82 lbs.</b>

\* figures taken with ambient temperature at 32°C / 89.6°F



**Back of Sleeper**  
Condenser with  
Dual Fans

**Below Sleeper**  
Dual Compressor  
Unit

**In Sleeper**  
Evaporator with  
Dual Blowers

**FEATURES:** The R-1200 basic kit includes these three components with all hoses and fittings.

#### **In Sleeper** Evaporator with Dual Blowers

- Mounts in the sleeper for flexible positioning and installation
- Dual high speed blower motors force cool air throughout the sleeper
- Digital control panel allows the driver to fine tune the comfort level

#### **Below Sleeper** Dual Compressor Unit

- Dual Danfoss compressors provide maximum BTU's when needed
- 12/24 Volt DC operation voltage extends system run time
- Compact design fits nicely under the sleeper

#### **Back of Sleeper** Condenser with Dual Fans

- Lightweight and low profile allow flexible positioning and installation
- Dual 12" fans offer efficient condenser operation in hot environments
- Rugged Stainless Steel frame provides long life and product appeal

### R-1200 OPTIONS:

#### **Smart Battery Isolator** RD-5-13056-0P

- Reduces charging system workload by not connecting the auxiliary batteries until the starting batteries are charged to 13.2V.
- Allows bi-directional charging from alternator or from shore power charger/converter when available.
- Simple installation  
-Connect to starting battery, auxiliary battery, and ground.



#### **Trojan Absorbed Glass Mat (AGM) Battery** RD-5-13055-0P (four pack)

- Designed specifically for cycling truck applications/ auxiliary A/C systems
- Excellent recharge efficiency while driving
- 30 month warranty



#### **Converter / Battery Charger** RD-5-13054-0P

- 115 Volt AC to 12 Volt DC
- Allows system to run from shore power when available
  - Recharges the auxiliary batteries to 90% in 2-3 hours
  - Specifically designed for Group 31 deep cycle AGM batteries



# R-1205

## No-Idle Air Conditioner Unit

### DAY CABS • LIGHT-DUTY TRUCKS

With the rising cost of fuel, clean diesel initiatives for a "greener" environment and the passing of no-idle regulations, over-the-road drivers are left with no choice but to install an idle reduction system. The R-1205 is a battery powered electric air conditioning system that independently functions with the engine turned off. It's quick, simple installation, intelligent design and low maintenance makes it the perfect idle reduction system that provides driver comfort, efficiency and safety for your day cab.



### R-1205 SPECIFICATIONS

<b>COMPRESSOR</b>	Single Danfoss Compressor
<b>REFRIGERANT</b>	R-134a
<b>VOLTAGE</b>	12 / 24 volt Direct Current
<b>COOLING CAPACITY*</b>	950 Watt / 3250 BTU (Max)* 650 Watt / 2240 BTU (Min)
<b>12V CONSUMPTION</b>	29 Amps/Hour (maximum), 15 Amps/Hour (minimum)
<b>FAN SPEED/POWER</b>	6-Speed (265 CFM)
<b>BATTERY PROTECTION</b>	Standard
<b>ANTI-TILT PROTECTION</b>	Standard
<b>DIMENSIONS &amp; WEIGHTS</b>	External condenser: 7 <sup>3</sup> / <sub>16</sub> "H x 34 <sup>1</sup> / <sub>16</sub> "W x 23 <sup>3</sup> / <sub>16</sub> "D – 55 lbs. (Total) Internal evaporator: 6 <sup>1</sup> / <sub>2</sub> "H x 13 <sup>3</sup> / <sub>4</sub> "W x 15 <sup>1</sup> / <sub>4</sub> "D

\* figures taken with ambient temperature at 32°C / 89.6°F

A Partnership with



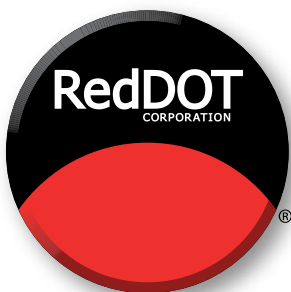
## **Long-Lasting Comfort. Best-in-Class Support. All-Makes, No-Idle.**

Comfort comes in many forms. It's the money you save because you're not burning fuel to cool the cab. It's the satisfaction of complying with anti-idling laws. It's a simple, all-makes installation that doesn't take up a lot of valuable interior space. It's a rugged, energy-efficient design that minimizes voltage draw. It's up to 6,150 btu/hr of cooling when you need it. It's the clean, quiet operation of an all-electric air conditioner.

And it's knowing that your battery-powered auxiliary A/C system is backed by Red Dot's world-class distribution and customer support network.

Talk to your local Red Dot distributor about the R-1200 and R-1205 battery-powered mobile A/C systems. And take comfort in the most economical, efficient auxiliary A/C products available.

## **Red Dot Delivers.**



[www.RedDotCorp.com](http://www.RedDotCorp.com)