

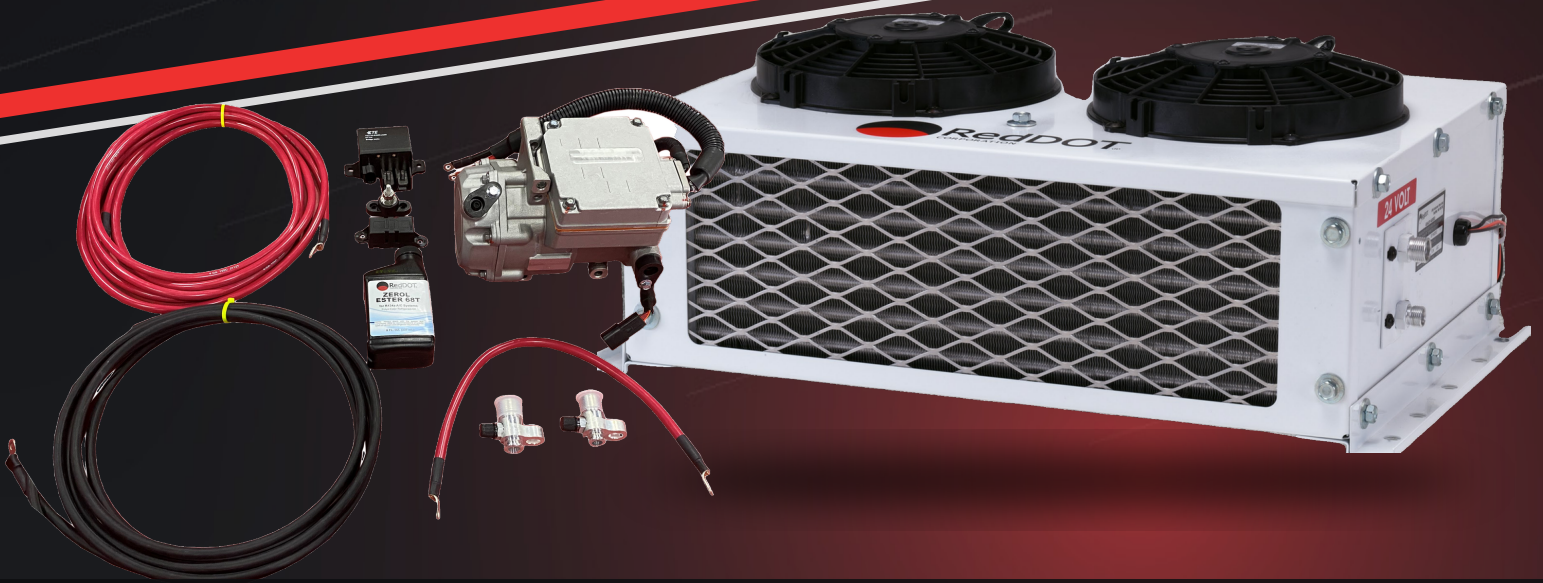
ELECTRIC SPLIT SYSTEMS

AVAILABLE IN
12V | 24V
MODELS

ALL-ELECTRIC CONDENSING SIDE + EVAPORATOR · 12V | 24V

No engine-driven compressor. No problem.

Pair an all-electric condensing package or electric compressor kit with a proven RedDOT evaporator — and build the cab climate system that fits your vehicle.



4 SYSTEMS

Ready-to-order pairings

3 EVAPORATORS

Ductable or backwall

2 VOLTAGES

12 VDC and 24 VDC

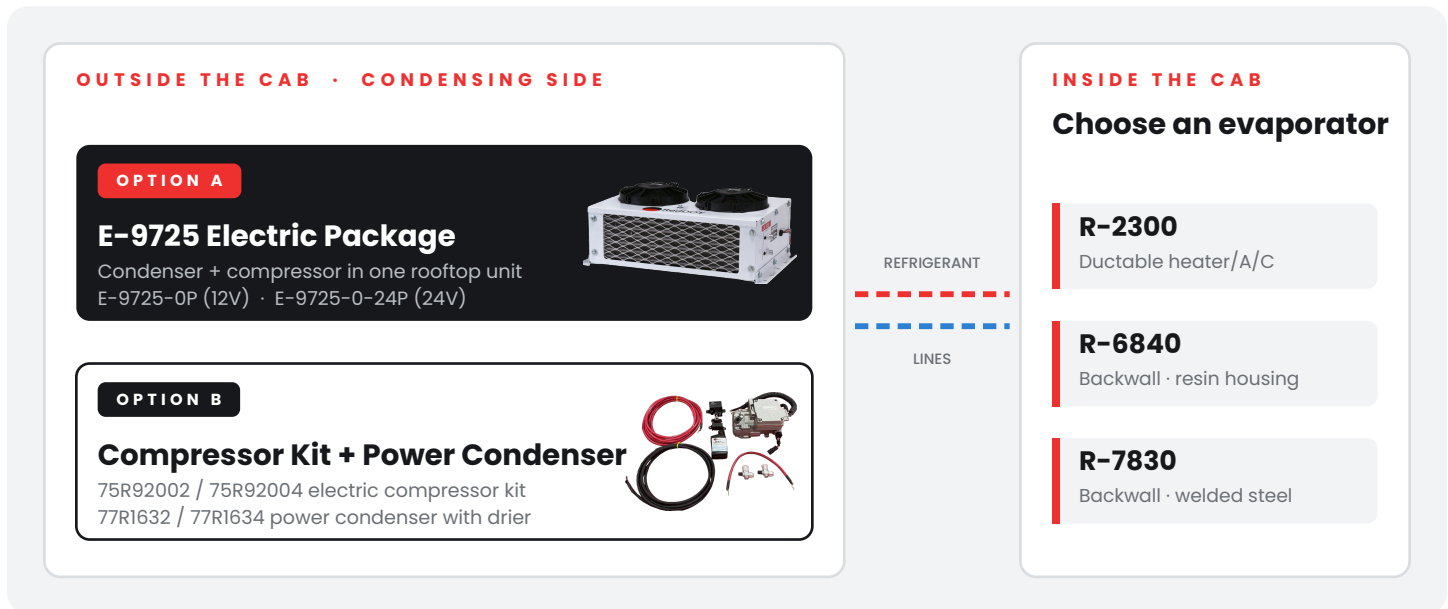
R-134a

Refrigerant

OVERVIEW

Split the system. Keep the cab cool.

A split system puts the heat-rejecting components outside the cab and the evaporator inside, connected by refrigerant lines. With an electric compressor in the loop, cooling runs on vehicle DC power — no engine-driven compressor or belt required. Choose a condensing side, then choose the evaporator that fits your cab.



WHY ELECTRIC SPLIT

Built around your vehicle.

- Cools without an engine-driven compressor
- Mount the compressor where it fits — kit or rooftop package
- Matched 12 VDC and 24 VDC components
- R-134a refrigerant throughout
- Three evaporator styles to fit the cab layout

CHOOSE YOUR SYSTEM

Four proven pairings.

- 1** **E-9725 + R-2300**
- 2** **E-9725 + R-6840**
- 3** **E-9725 + R-7830**
- 4** **Kit + 77R1632/34 + R-2300, R-6840 or R-7830**

See pages 5–6 for complete part numbers.

WHICH CONDENSING SIDE?

E-9725 package — one unit, simplest install

16,760 BTU/HR · 24V package cooling

Kit + condenser — mount the compressor anywhere

13,661 BTU/HR · 24V compressor, high speed

OPTION A ALL-IN-ONE ELECTRIC PACKAGE

E-9725

Rooftop electric remote-mount condenser with the compressor built in. Condenser and compressor. One package.



SPECIFICATION	12V	24V
Part number	E-9725-0P	E-9725-0-24P
Condenser capacity	11,630 BTU/hr	20,680 BTU/hr
Cooling capacity	11,536 BTU/hr	16,760 BTU/hr
Amp draw	97 A	92 A
Package weight	63 lbs	63 lbs
Refrigerant	R-134a	R-134a

Replacement compressor: RD-2-7777-1P (12V) · RD-2-7777-0P (24V)

OPTION B BUILD IT FROM COMPONENTS

Electric Compressor Kit

75R92002 (12V) · 75R92004 (24V)



EACH KIT CONTAINS

- Compressor (12 or 24 volt)
- Wiring & electrical components
- Fittings
- Compressor oil (Zerol Ester 68T)
- Installation instructions

SPECIFICATION	12V KIT	24V KIT
Red Dot no.	RD-2-7979-0P	RD-2-7980-0P
Cooling — low	3,415 BTU/hr	4,269 BTU/hr
Cooling — med	5,464 BTU/hr	8,709 BTU/hr
Cooling — high	7,300 BTU/hr	13,661 BTU/hr
Current (low / high)	67 / 96 A	42 / 92 A
Displacement	18 cc	18 cc
Fittings	#8 & #10	#8 & #10

Rating conditions: 29 psig suction · 213 psig discharge · 18 °F superheat · 9 °F subcooling

PAIRS WITH THE KIT

Power Condenser

77R1632 (12V) · 77R1634 (24V)

- Remote-mount condenser with fan
- Receiver drier included
- Matched to the compressor kit voltage



SPEC	77R1632	77R1634
Red Dot no.	RD-4-5700-1P	RD-4-5700-1-24P
Capacity	20,000 BTU	20,000 BTU
Fan voltage	12 VDC	24 VDC
Drier	Included	Included
Size (H×L×T)	15×16¼×6 in	15×16¼×6 in

IMPORTANT

Electric compressors must be covered to protect from weather elements or any moisture.

— EVAPORATORS

Pick the fit. Keep the comfort.

Every evaporator below pairs with the E-9725 package or the electric compressor kit and power condenser. Select by mounting location, airflow and the space available in the cab.

R-2300

DUCTABLE HEATER / A/C



Versatile universal unit — mounts on the floor, ceiling or under the dash, with optional ducting to route air where it's needed.

Cooling	17,736 BTU/hr
Heating*	32,070 BTU/hr
Air flow	275 CFM
Amps 12V	12.2 A
Amps 24V	6.1 A
Weight	15 lbs

- Floor, ceiling or under-dash mount
- Optional ducting & louvers
- A/C-only or heater/A/C

R-6840

BACKWALL · RESIN HOUSING



Shown with optional floor support kit

Compact wall-mount unit with advanced coil and blower technology in a tough engineered-resin housing.

Cooling	22,300 BTU/hr
Heating	—
Air flow	325 CFM
Amps 12V	18.6 A
Amps 24V	9.5 A
Weight	16 lbs

- High-low motor speed
- Four adjustable louvers
- Adjustable thermostat

R-7830

BACKWALL · WELDED STEEL



Shown with optional floor support kit

Compact, high-capacity unit for between the seats or the backwall of class 6–8 cabs. Welded steel construction.

Cooling	17,180 BTU/hr
Heating	—
Air flow	260 CFM
Amps 12V	18 A
Amps 24V	9 A
Weight	25 lbs

- Between-seats or dash mount
- Multidirectional diffusers
- Adjustable thermostat

Cooling rated at 36 °F (2.2 °C) refrigerant temperature. Amp draw at 13.6 / 27.2 VDC includes A/C clutch allowance.
*Heating applies to R-2300 heater/A/C models (R-2300-2P / R-2300-2-24P), @ 100 °F air temperature rise.

— SYSTEMS 1-3

E-9725 + your evaporator.

One rooftop electric package on the outside, your choice of evaporator on the inside.

SYSTEM

1



E-9725



R-2300

E-9725 + R-2300

Ductable heater/A/C evaporator

12V
**E-9725-0P
R-2300-0P**

 Package cooling
11,536 BTU/hr
24V
**E-9725-0-24P
R-2300-0-24P**

 Package cooling
16,760 BTU/hr

SYSTEM

2



E-9725



R-6840

E-9725 + R-6840

Backwall · resin evaporator

12V
**E-9725-0P
R-6840-0P**

 Package cooling
11,536 BTU/hr
24V
**E-9725-0-24P
R-6840-0-24P**

 Package cooling
16,760 BTU/hr

SYSTEM

3



E-9725



R-7830

E-9725 + R-7830

Backwall · welded steel evaporator

12V
**E-9725-0P
R-7830-0P**

 Package cooling
11,536 BTU/hr
24V
**E-9725-0-24P
R-7830-0-24P**

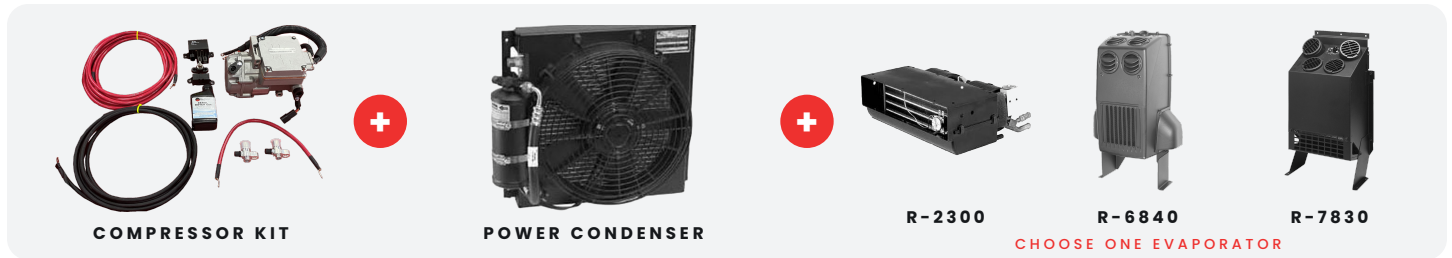
 Package cooling
16,760 BTU/hr

Package cooling capacity is the E-9725 rating. R-2300 heater/A/C versions: R-2300-2P (12V) · R-2300-2-24P (24V).

— SYSTEM 4

Kit + Power Condenser + evaporator.

Mount the compressor where it fits. Pair the electric compressor kit with a 77R1632 / 77R1634 power condenser and any of the three evaporators.



SYSTEM 4 COMPONENT	12V SYSTEM	24V SYSTEM
Electric compressor kit	75R92002 (RD-2-7979-0P)	75R92004 (RD-2-7980-0P)
Power condenser w/ drier	77R1632 (RD-4-5700-1P)	77R1634 (RD-4-5700-1-24P)
Evaporator — choose one	R-2300-0P	R-2300-0-24P
	R-6840-0P	R-6840-0-24P
	R-7830-0P	R-7830-0-24P
Compressor cooling (high speed)	7,300 BTU/hr	13,661 BTU/hr

— ORDERING GUIDE

All systems at a glance.

SYSTEM	12V	24V
System 1 · E-9725 + R-2300	E-9725-0P + R-2300-0P	E-9725-0-24P + R-2300-0-24P
System 2 · E-9725 + R-6840	E-9725-0P + R-6840-0P	E-9725-0-24P + R-6840-0-24P
System 3 · E-9725 + R-7830	E-9725-0P + R-7830-0P	E-9725-0-24P + R-7830-0-24P
System 4 · Kit + condenser + evaporator	75R92002 + 77R1632 + evap.	75R92004 + 77R1634 + evap.

For hose kits, controllers and accessories, see specific unit brochures or catalog.