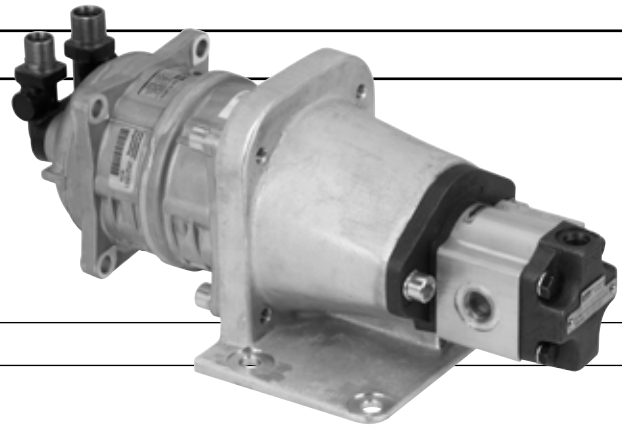


R-9976

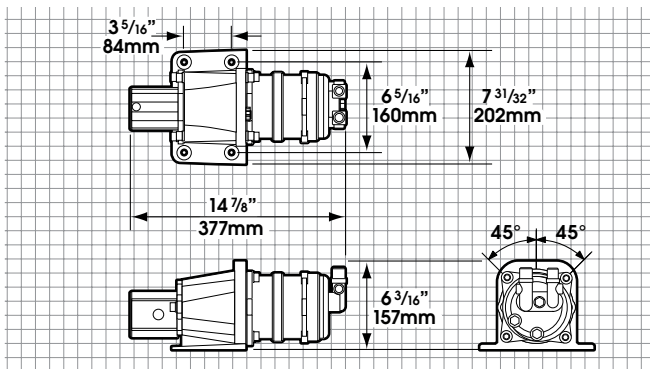
Hydraulic Axial Direct Drive

Cons Tru CTion • Minin G • a Gri Cu LTure

The R-9976 direct-drive hydraulic compressor uses no belts or clutch and minimizes A/C hose length—ideal for cranes, articulated equipment, and other applications where the cab and engine are far apart. Available in displacements of 5 and 9.3 cubic inches. Compressor speed control is possible on this unit with a separate hydraulic device supplied by the installer.



	GPM	Minimum PSI	Maximum PSI	Compressor Displacement
R-9976-3P	1.1 – 6.3	1,800	3,988	9.3 cu.in.



Clock mounting for compressor limited to 45°.

Attitude: compressor limited to 10° variance from level, upright, horizontal position.

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

HYDRAULIC CONTROL VALVE

For use with R-9976-1

Maximum flow is 15 GPM at 2,500 PSIG (241 Bar at 57 L/min)

72R9904 RD-5-11209-0P

Electrically piloted hydraulic control valve (normally open)
24volt



72R9912 RD-5-11210-0P

Used to convert 72R9004 (left) to 12 volts



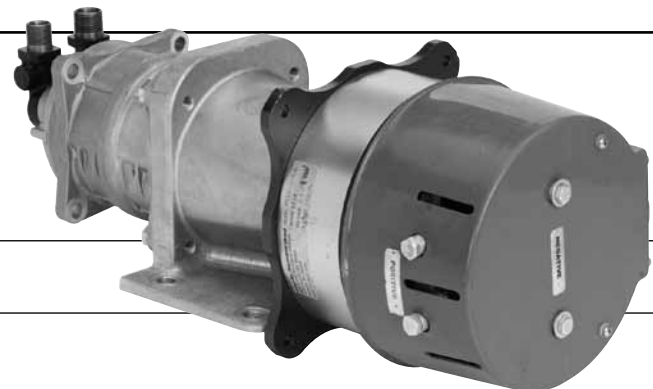
R-9978

Battery-Powered Electric-Motor-Driven Compressor

Tru Cks • Vans • uTiLiTy Vehi CLes

The R-9978 is a quiet, efficient electric-motor-driven compressor for 12V or 24V electrical A/C systems ranging from 17,000 to 30,000 BTU. The low-voltage, brushless motor operates directly from a battery pack and is ideal for systems where a traditional belt-driven or hydraulic compressor is not an option. Amp draw: 75-120 amps. Compressor speed ranges from 700 to 6,000 RPM.

	Volts	Weight	Dimensions
R-9978-0P	12 VDC	30 lbs (13.6 kg)	19"L x 9"W x 9"H
R-9978-0-24P	24VDC	30 lbs (13.6 kg)	19"L x 9"W x 9"H



DIRECT DRIVE UNITS



CLIMATRANS INC.

www.climatrans.com

Eastern Canada

Pressurizer & Remote Mount Filters

Booster Blower

AGRICULTURAL · MINING · INDUSTRIAL

Attaching directly to the 78R5100 and 78R5110 remote mount filters (shown below) the Booster Blower forces dust free air into the cab through our heater and air conditioner units.

PRESSURIZER SPECIFICATIONS

AIR FLOW	140 CFM (238m3/h) with filter; 230 CFM (391m3/h) free flow
WEIGHT	7 lbs. (3 kg)
MOTOR/FAN	One 12 VDC, single speed (24 VDC available)
CURRENT DRAW	10.2 amps @ 13.6 VDC 6 amps @ 27.2 VDC
DIMENSIONS	4" inlet 3" outlet
UNITS	73R9202 (12 VDC) 73R9204 (24 VDC)



Remote Mount Filters

The integration of Red Dot's Remote Mount Filters with the Booster Blower guarantees your dust-free working environment.

BACKPACK MOUNT

78R5000



9" Dia x 16" long
(228mm x 464mm)

REPLACEMENT PARTS

Filter Model	78R5000
Filter	78R5200
Hood	RD-5-4288-0P
Band	RD-5-4289-0P
Rubber Elbow	78R5500

HORIZONTAL MOUNT

78R5100



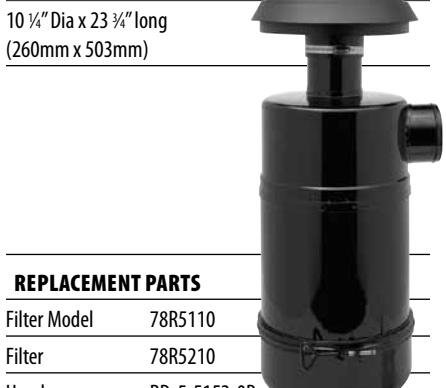
10 1/4" Dia x 18" long
(260mm x 457mm)

REPLACEMENT PARTS

Filter Model	78R5100
Filter	78R5210
Hood	RD-5-5151-0P
Band	RD-5-5150-0P

VERTICAL MOUNT

78R5110

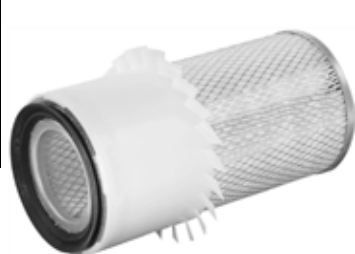


10 1/4" Dia x 23 3/4" long
(260mm x 503mm)

REPLACEMENT PARTS

Filter Model	78R5110
Filter	78R5210
Hood	RD-5-5152-0P
Band	RD-5-5150-0P

* Cab pressure and protection level may vary with individual cab integrity



Intake Replacement Filter
78R5200



Fresh Air Intake Replacement Filter
78R5210



Air Outlet Adapter For Pressurization
72R4531

Off-Road Evaporator Kits All 134a Compatible

When ordering kits it is recommended that you order both the condenser and the compressor mount kit. **DROP SHIP ONLY** Allow four weeks lead time

Caterpillar

Model Name	Model Number	Engine	Kit Number	Evaporator	Condenser	Condenser Mount Kit	Compressor	Compressor Mount Kit
Dozer	953	3204	R-17002-5P	Included	Included	Included	Included	Included
Dozer	D4C	3204	R-17002-2P	Included	Included	Included	Included	Included
Dozer	D4h	3204	R-17002-3P	Included	Included	Included	Included	Included
Dozer	D5	3306	R-17002-4P	Included	Included	Included	Included	Included
Excavator	312		R-17003-0P	Included	Included	Included	Included	Included
Excavator	325	3116	R-17003-1P	Included	Included	Included	Included	Included
Excavator	330 / 350		R-17003-2P	Included	Included	Included	Included	Included
Grader	120H	3116	R-17002-0P	Included	Included	Included	Included	Included
Grader	140H	3306	R-17002-1P	Included	Included	Included	Included	Included
Haul Truck	768C, 769C, 772B, 773B	3408 / 3412	R-10235-4P	Included	Included	Included	Included	Included
Scraper	627B	3306	R-17004-0P	Included	Included	Included	Included	Included
Wheel Loader	IT28G / 928G	3116, 3126	R-10047-0P	Included	Included	Included	Included	Included

Hitachi

Model Name	Model Number	Engine	Kit Number	Evaporator	Condenser	Condenser Mount Kit	Compressor	Compressor Mount Kit
Excavator	EX200		R-17000-0P	Included	Included	Included	Included	Included
Excavator	EX300		R-17000-1P	Included	Included	Included	Included	Included
Excavator	EX400		R-17000-2P	Included	Included	Included	Included	Included
Excavator	EX400-1		R-17000-3P	Included	Included	Included	Included	Included

John Deere

Model Name	Model Number	Engine	Kit Number	Evaporator	Condenser	Condenser Mount Kit	Compressor	Compressor Mount Kit
Excavator	490E-LC	4045T	R-10035-5P ++	Included	Included	RD-4-4705-0P	Included	75R9715
Excavator	690E-LC	6068T / 6414T	R-10035-5P* ++	Included	Included	RD-11-0126-0P	Included	75R9710
Excavator	790E-LC	6068T / 6414T	R-10035-5P ++	Included	Included	RD-11-0127-0P	Included	75R9710
Excavator	892E-LC	6076	R-10035-5P ++	Included	Included	RD-11-0128-0P	Included	75R9575
Excavator	992E-LC	6101T	R-10035-5P ++	Included	Included	RD-11-0128-0P	Included	75R9805
Wheel Loaders	544H	6068T	R-10060-4P +	Included	Included		Included	75R9405
Wheel Loaders	624H	6068T	R-10060-4P +	Included	Included		Included	75R9410

Komatsu

Model Name	Model Number	Engine	Kit Number	Evaporator	Condenser	Condenser Mount Kit	Compressor	Compressor Mount Kit
Loader	WA180		R-17001-0P	Included	Included	Included	Included	Included
Loader	WA320-1		R-17001-1P	Included	Included	Included	Included	Included
Loader	WA380		R-17001-2P	Included	Included	Included	Included	Included
Loader	WA450		R-17001-3P	Included	Included	Included	Included	Included

* Beginning with Serial Number 559603. J.D. Pulley part # R123413 must be ordered to complete installation

+ Must order John deere Pulley # 123413 to complete installation

++ John Deere "Allied Approved" kit