



R-4500

Rooftop Condenser (45,000 BTU)

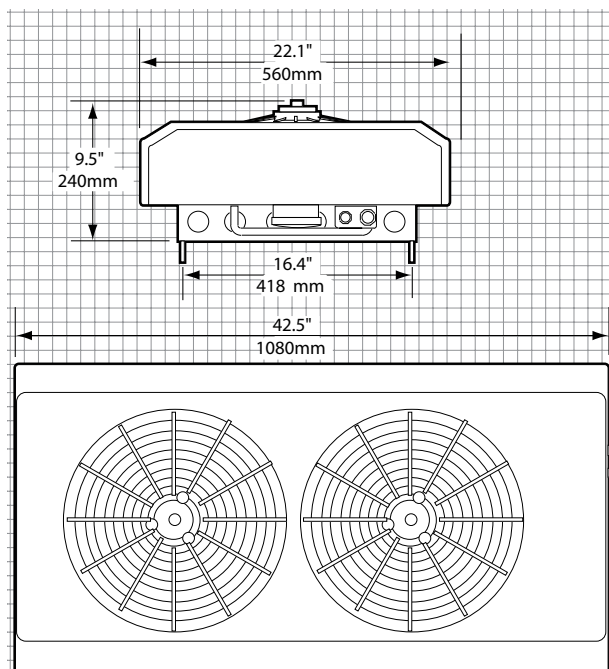
Crash/Fire/ r esCue • DUAL EVAPORATORS

Our largest "power" condenser, the R-4500 is a dual-fan unit with the capacity needed for high-performance evaporators and dual-evaporator systems. Available with a low-profile conversion kit.



R-4500 SPECIFICATIONS

CAPACITY	45,200 BTU/hr. @ 135°F (13.2 kW @ 57.2°C) condensing temp. and 110°F (43.3°C) entering air
WEIGHT	85 lbs. (38.6 kg)
AIR FLOW	2,011 CFM (3,517 m3/h)
MOTORS	Two 16-inch diameter
CURRENT DRAW	30.3 amps @ 13.6 VDC
MODEL	R-4500-8P (12 VDC) R-4500-8-24P (24 VDC)
OPTIONS:	Low Profile Conversion Kit RD-4-5341-0P



R-6160

Rooftop Condenser (24,000 BTU)

Tru Cks • Cons Tru CTion • AGRICULTURE

A compact, rugged rooftop condenser with a low profile for cabs with minimal roof space or aerodynamic fairings.



R-6160 SPECIFICATIONS

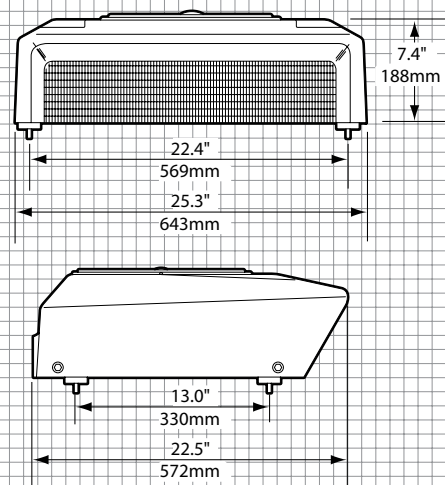
CAPACITY	24,000 BTU's/hr (7 kW @ 65.5°C)
WEIGHT	23 lbs. (10.5 kg) Lightweight
CONDENSER COIL	The coil is aluminum fin and copper tube construction, which includes a tube of .022" (6 cm) wall thickness, results in an effective, lightweight rugged coil.
MOTOR/FAN	The motor is a permanent magnet type selected for its extended life. The fan is made of aluminum.
CURRENT DRAW	12 amps @ 13.6 VDC (includes 4 amps A/C for clutch) 6 amps @ 27.2 VDC (includes 2 amps A/C for clutch)
UNITS	R-6160-0P (12 VDC), R-6160-0-24P (24 VDC)

OPTIONS:

Receiver Drier Kit (24 VDC) RD-5-4722-1P/-2P

Winter Cover RD-5-4743-0P

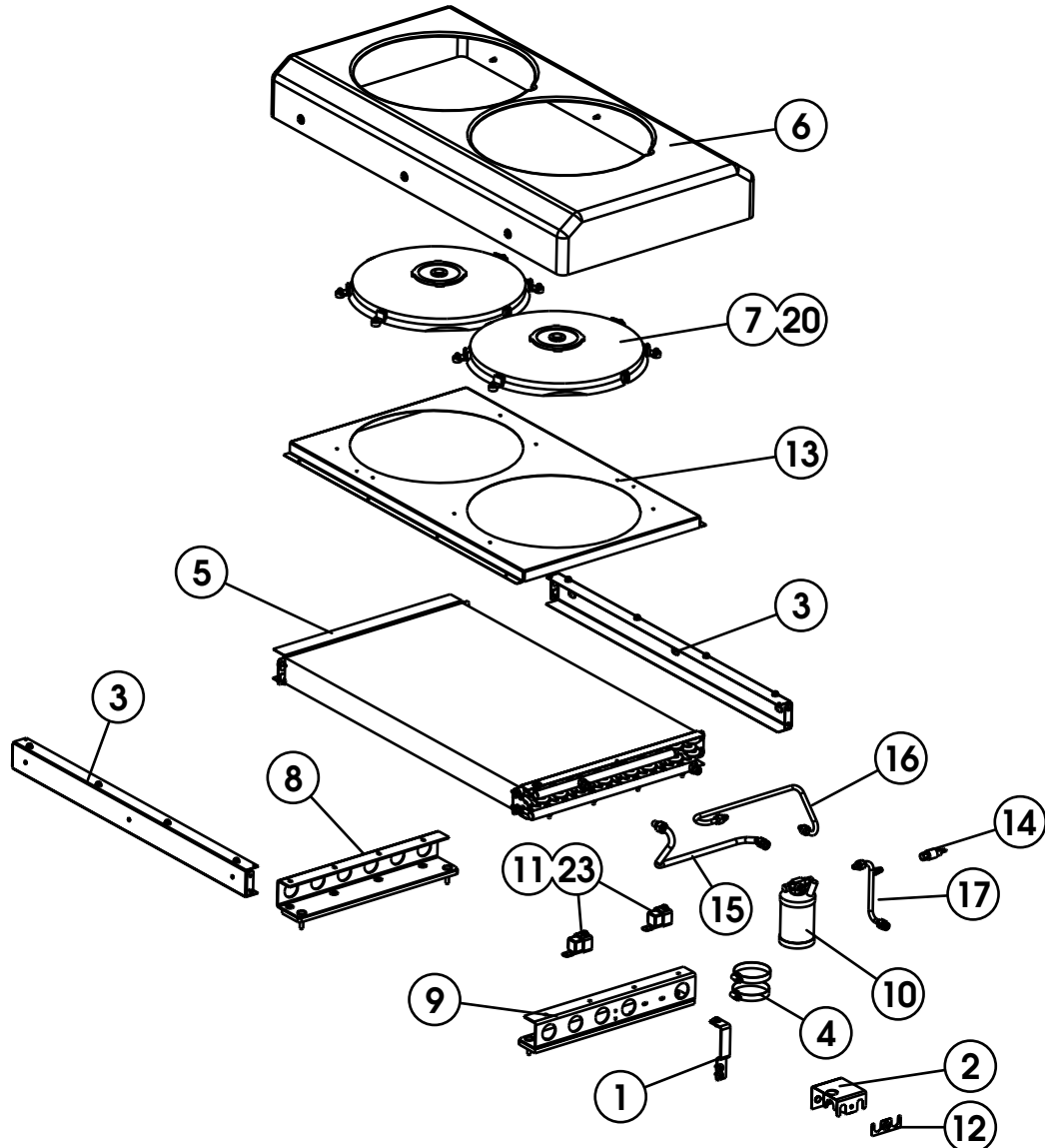
Bug Screen RD-4-4529-1P





Condenser Roofmount R-4500

SERVICE PARTS LIST



ITEM	NOTE	PART NO.	DESCRIPTION	CAT. NO.
1		RD-4-5047-1	BRACKET ASSEMBLY-DRIER	
2		RD-4-5053-0	BRACKET ASSEMBLY-SUPPORT	
3	2	RD-4-5044-2	CHANNEL ASSEMBLY COVER	
4	2	RD-5-4035-52	CLAMP	70R5650
5		RD-4-5045-0	COIL ASSEMBLY	77R0990
6		RD-4-5041-0	COVER-CONDENSER	
7	2	RD-5-8785-2	FAN/MOTOR ASSEMBLY 16"	73R8592
8		RD-4-5042-1	LEG ASSEMBLY-MOUNTING LEFT	
9		RD-4-5043-2	LEG ASSEMBLY-MOUNTING RIGHT	
10		RD-5-9419-0	RECEIVER DRIER ASSEMBLY	
11	2	RD-5-6690-0	RELAY-SEALED	71R1902
12		RD-4-4404-2	RETAINER-FITTING	

ITEM	NOTE	PART NO.	DESCRIPTION	CAT. NO.
13		RD-4-5324-2	SHROUD ASSEMBLY-FAN	
14		RD-5-9267-0	SWITCH-HIGH SIDE	
15		RD-4-5050-0	TUBE ASSEMBLY- INLET #8	
16		RD-4-5052-0	TUBE ASSEMBLY- #6	
17		RD-2-3524-1	TUBE ASSEMBLY- #6	
18	A	RD-5-8636-0	BRACKET- MOUNTING	
19	A	RD-4-5056-0	WIRE HARNESS ASSEMBLY	
20	B	RD-5-8785-3	FAN/MOTOR ASSEMBLY 16"	73R8594
21	A,B	RD-4-5056-1	WIRE HARNESS ASSEMBLY	
22	A,C	RD-4-5321-0	WIRE HARNESS	
23	B	RD-5-6693-0	RELAY	71R1904

NOTES: A= Not shown B=24 Volts C=RMS

RED DOT CORPORATION

Aftermarket Office P.O.Box 88790 Seattle, WA 98138 (425) 251-6897 fax (206) 251-3934

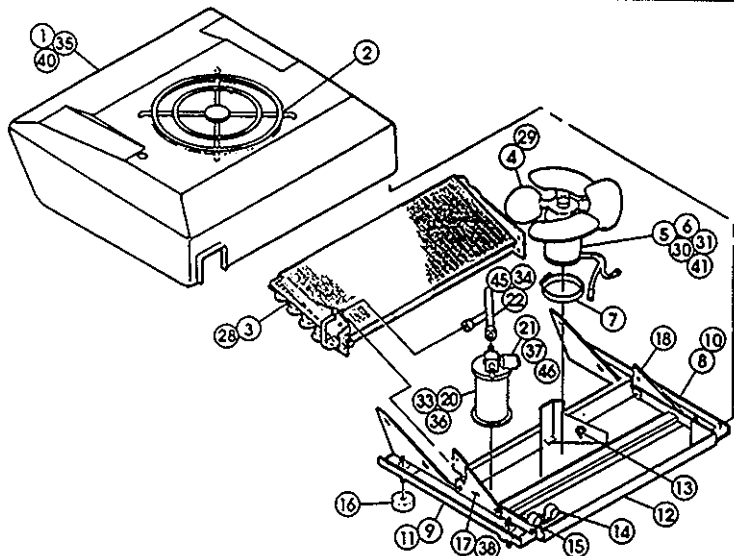
RD-4-5198-0 (REV C)

FOR REFERENCE ONLY. SUBJECT TO CHANGE WITHOUT NOTICE



Rooftop Condenser R-6160

SERVICE PARTS LIST



ITEM	NOTE	PART NO.	DESCRIPTION	CAT. NO.	ITEM	NOTE	PART NO.	DESCRIPTION	CAT. NO.
1	F	RD-4-3882-0	COVER ASSY (W/FAN GUARD)		26	CEG	RD-2-1288-0	BRACKET (REC/DRIER)	
2		RD-5-3894-2	FAN GUARD ONLY		27	DE	RD-4-4529-2	BUG SCREEN	
3		RD-5-3874-1	CONDENSER ASSY		28	F	RD-4-4738-0	CONDENSER ASSY (4 ROW)	77R 0620
4		RD-8-3508-0	FAN	77R 0500	29	F	RD-5-7297-0	FAN	73R 8100
5		RD-5-5120-0	MOTOR - 12V	73R 8110	30	F	RD-5-8709-0	MOTOR - COND ASSY, 12V	
6		RD-5-5120-24	MOTOR - 24V	73R 0512	31	F	RD-5-7129-24	MOTOR - COND ASSY, 24V	73R 0644
7		RD-5-4035-52	CLAMP (3.5")	73R 0514	32	LE	RD-4-5284-0	WIRE HARNESS	
8		RD-4-3879-1	RAIL ASSY (R.H.)	70R 5650	33	FG	RD-5-6544-1	RECEIVER/DRIER ASSY	
9		RD-4-3879-0	RAIL ASSY (L.H.)		34	FG	RD-4-4747-0	TUBE ASSY	
10	A	RD-4-3912-0	RAIL ASSY (R.H.)		35	H	RD-4-3882-2	COVER ASSY	
11	B	RD-4-3912-1	RAIL ASSY (L.H.)		36	J	RD-5-7061-1	RECEIVER/DRIER	
12		RD-4-3875-0	PAN ASSY		37	J	RD-5-4640-0	BINARY SWITCH	74R 2536
13		RD-5-4216-0	DIODE	71R 1900	38	J	RD-2-1288-0	BRKT-REC/DRIER	71R 7050
14		RD-5-4665-0	CLAMP - HOSE	70R 5706	39	EJ	RD-4-5240-0	WIRE HARNESS	
15		RD-5-4666-0	CLAMP - HOSE	70R 5708	40	K	RD-4-3882-3	COVER ASSY	
16	A	RD-5-3855-1	SPACER (4)		41	K	RD-5-8709-0	COVER ASSY (W/FAN GUARD)	
17		RD-2-1266-2	BRACKET (L.H.)		42	KE	RD-4-5272-0	MOTOR ASSY 12V	
18		RD-2-1266-3	BRACKET (R.H.)		43	KE	RD-4-5273-0	BUG SCREEN	
19	BE	RD-3-4961-0	WIRE HARNESS ASSY		44	KE	RD-4-5283-0	SCREEN BRKT ASSY (R.H.)	
20	C	RD-5-4727-1	RECEIVER/DRIER ASSY	74R 2596	45	K	RD-4-5283-1	SCREEN BRKT ASSY (L.H.)	
21	C	RD-5-4583-0	TRINARY	71R 7550	46	K	RD-2-2961-0	TUBE ASSY	
22	C	RD-2-1735-0	TUBE ASSY		47	KE	RD-5-5833-0	LOW PRESSURE SWITCH ASSY	71R 6130
23	CE	RD-5-6693-0	RELAY 24V	71R 1904	48	KE	RD-4-5284-0	WIRE HARNESS	71R 6120
24	CE	RD-5-6690-0	RELAY 12V	71R 6120	49	LE	RD-4-5357-0	TUBE & BRACKET ASSY	
25	CEG	RD-4-4317-0	WIRE HARNESS ASSY						

A. USED ON R-6020-0, 3, 4 MODELS B. USED ON R-6020-1, 2 MODELS C. PART OF OPTIONAL RD-5-4722-1 (12 VOLT) OR RD-5-4722-2 (24 VOLT) REC/DRIER KITS
D. OPTIONAL E. NOT SHOWN F. USED ON R-6160-0 G. PART OF OPTIONAL RD-5-7100-3 (12 VOLT) OR RD-5-7100-4 (24 VOLT) REC/DRIER KITS
H. USED ON R-6050 MODELS I. USED ON R-6160-4 MODELS J. USED ON R-6160-5 MODEL L. USED ON R-6160-6 MODEL

ORDERING INFORMATION

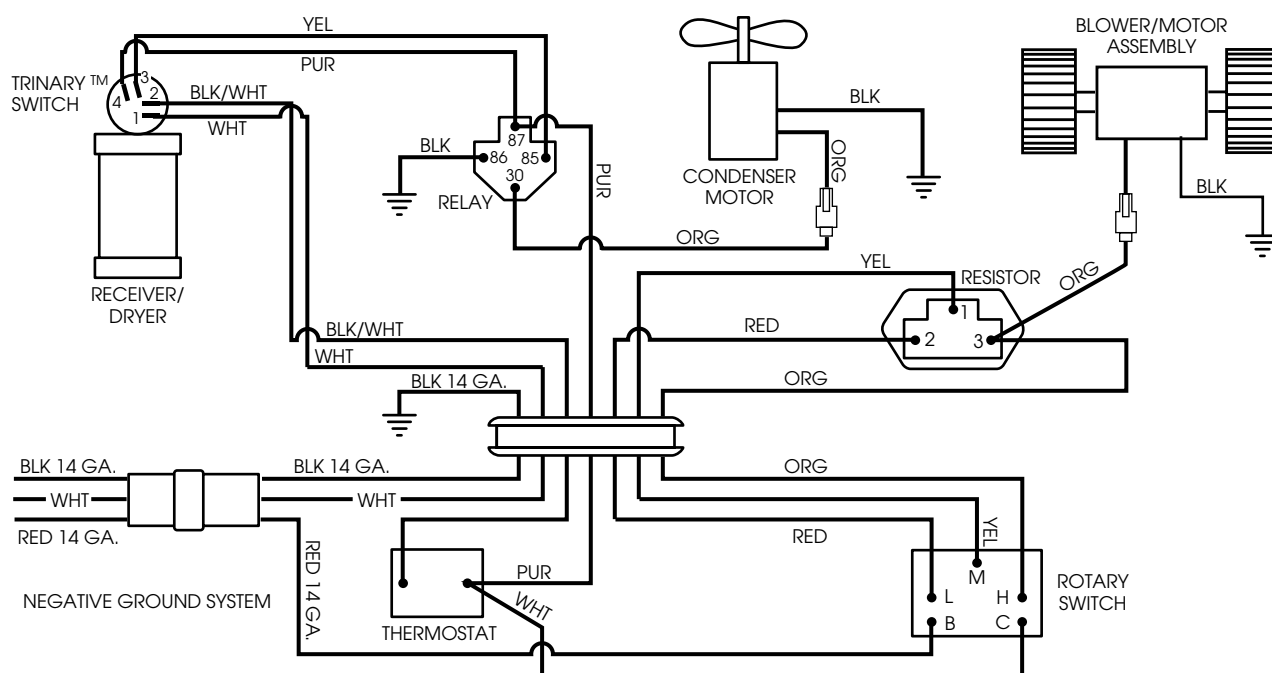
FOR R-6060 RECEIVER/DRIER ACCESSORY KIT USE RD-5-4722-1 (12V) OR -2 (24V)
FOR R-6160 RECEIVER/DRIER ACCESSORY KIT USE RD-5-7100-3 (12V) OR -4 (24V)
FOR WINTER COVER USE RD-5-4743-0



Universal Rooftop Air Conditioner R-6100 Series

ELECTRICAL SCHEMATIC

ELECTRICAL SCHEMATIC



1) ALL WIRE IS 16 GA. UNLESS OTHERWISE NOTED.

2) SEE RE-2-1255-0 AND RD-2-1250-0 WIRE HARNESS ASSYS FOR INDIVIDUAL WIRE DESCRIPTION AND SPECIFICATIONS.

ORDERING INFORMATION

ORDER BY MODEL NUMBER **R-6100-0**.

FOR 24 VOLT APPLICATIONS ADD **-24** TO MODEL NUMBER.

Additional cost may be needed for complete systems:

1. Channel Mounting Kit - RD-2-1302-0P
2. Installation Kit - RD-5-5014-1P

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R-6260

Rooftop Condenser (38,800 BTU)

TRUCKS • CONSTRUCTION • AGRICULTURE

A dual-fan, high-capacity rooftop condenser with a low profile for cabs with minimal roof space or aerodynamic fairings.



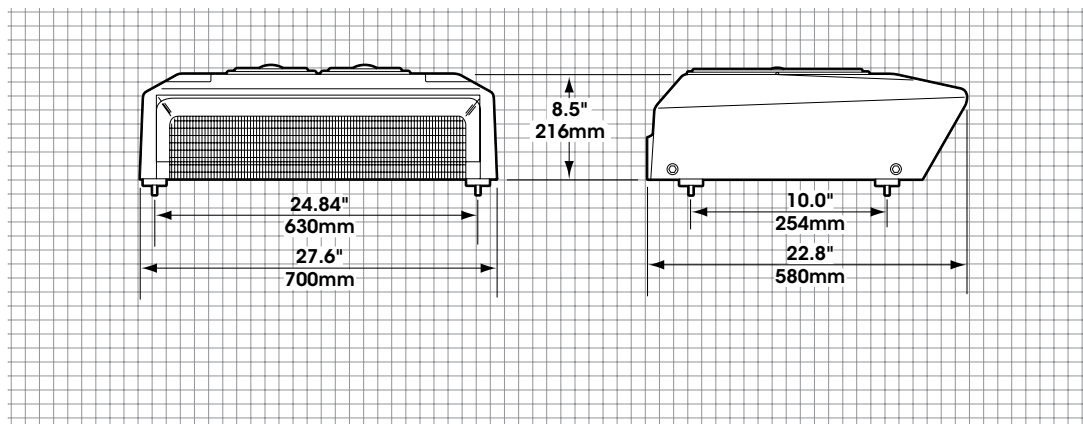
R-6260 SPECIFICATIONS

CAPACITY	38,800 BTU/hr (11.4 kW @ 65.5°C)
WEIGHT	30 lbs. (14 kg) Lightweight
MOTOR/FAN	Two 11-inch (27.9 cm) diameter pancake motor fan assembly producing 970 CFM (1,648 m3/h)
CURRENT DRAW	15 amps @ 13.6 VDC (includes 4 amps A/C for clutch) 8.5 amps @ 27.2 VDC (includes 2 amps A/C for clutch)
UNITS	R-6260-1P (12 VDC) R-6260-1-24P (24 VDC)

OPTIONS:

Bug Screen Kit RD-4-5135-0P

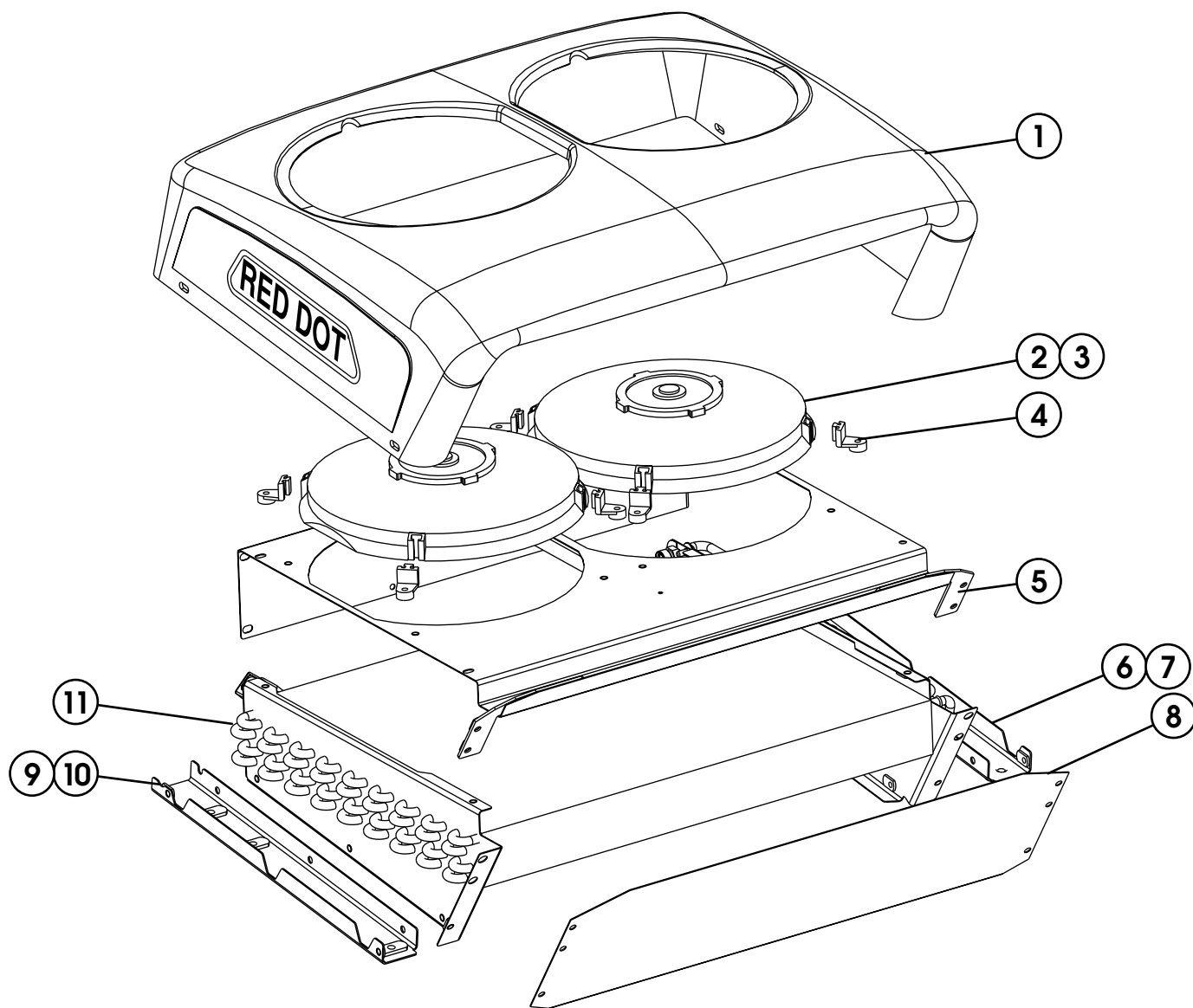
Winter Cover RD-5-8412-0P





Rooftop Condenser Model R-6260-0,-0-24,-2

SERVICE PARTS LIST



ITEM	NOTE	PART NO.	DESCRIPTION	CAT. NO.
1		RD-4-5121-0	Cover	
2	B	RD-5-8627-3	Fan/Motor Assy, 11 in Puller 24V	73R8574
3	A,C	RD-5-8627-2	Fan/Motor Assy, 11 in Puller 12V	73R8572
4		RD-5-8636-0	Bracket - Mounting, 90°	
5		RD-4-5123-0	Plenum Assy	
6	A,B	RD-4-5125-4	Rail Assy. - Left Side	
7	C	RD-4-5125-10	Rail Assy. - Left Side, RHD	

ITEM	NOTE	PART NO.	DESCRIPTION	CAT. NO.
8		RD-4-5136-0	Screen - Bug	
9	A,B	RD-4-5125-5	Rail Assy. - Right Side	
10	C	RD-4-5125-11	Rail Assy. - Right Side, RHD	
11		RD-4-5122-0	Condenser Assembly	
	A,C,D		Wire Harness Assembly - 12V	
	B,D		Wire Harness Assembly - 24V	

NOTES: A= R-6260-0 only B=R-6260-0-24 only C=R-6260-2 only D=Not Shown

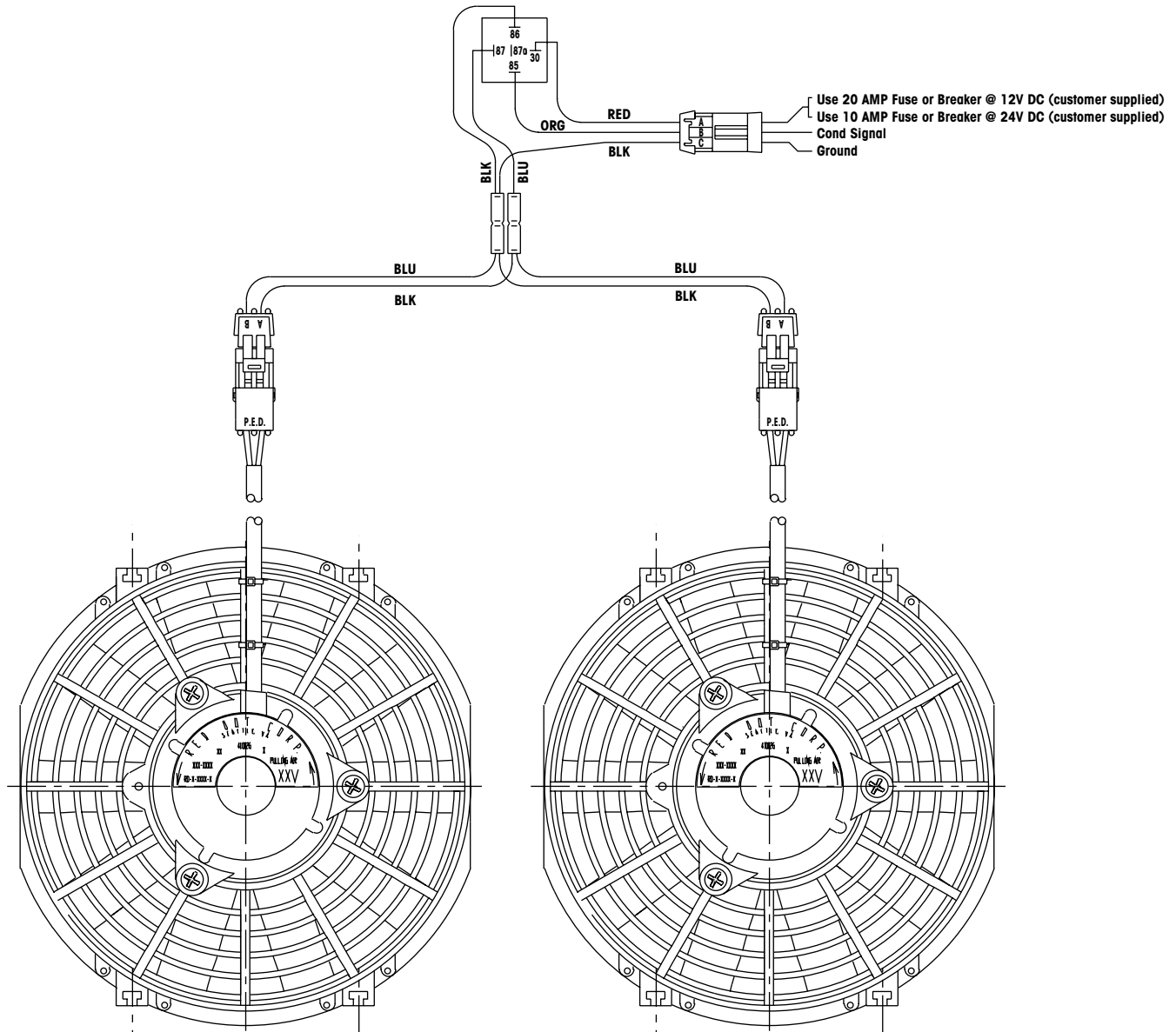
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RD-3-9168-0 (REV --) Sheet 1 Of 2 FOR REFERENCE ONLY. SUBJECT TO CHANGE WITHOUT NOTICE

Rooftop Condenser Model R-6260-0,-0-24,-2

WIRING SCHEMATIC



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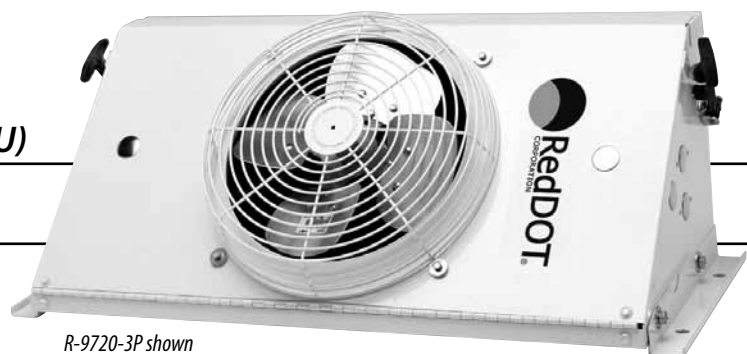
RD-3-9168-0 (REV --) Sheet 2 Of 2 FOR REFERENCE ONLY. SUBJECT TO CHANGE WITHOUT NOTICE

R-9720

Remote Mount Condenser (30,000 BTU)

CONSTRUCTION • MINING • AGRICULTURE

The R-9720 is the industry's most versatile and rugged remote-mount condenser. Its unique design allows installation on a horizontal surface or mounted below a roof or floor panel simply by changing two hose connectors. Suitable for off-highway applications, commercial trucks, or specialty vehicles where a radiator-mount or rooftop condenser cannot be used.



R-9720-3P shown

R-9720 SPECIFICATIONS

CAPACITY	30,000 BTU/Hr. (8.8 kW)
WEIGHT	45 lbs. (16.8 kg)
CONDENSER COIL	Copper tubing, aluminum fins and plated steel headers
CURRENT DRAW	12.3 amps @ 13.6 VDC (includes 4 amps for A/C clutch) 6.17 amps @ 27.2 VDC (includes 2 amps for A/C clutch)
FAN	10-inch (25.4 cm) diameter, 4 blade fan with single speed long life motor
UNITS	With receiver drier R-9720-3P (12 VDC), R-9720-3-24P (24 VDC)

R-9720 SERIES SYSTEM ORDERING GUIDE

R-9720-3P	12 VDC w/ In-Line Drier	R-134a Compatible
R-9720-3-24P	24 VDC w/ In-Line Drier	R-134a Compatible

R-9720 Series OPTIONS:

Shock Mount Assembly

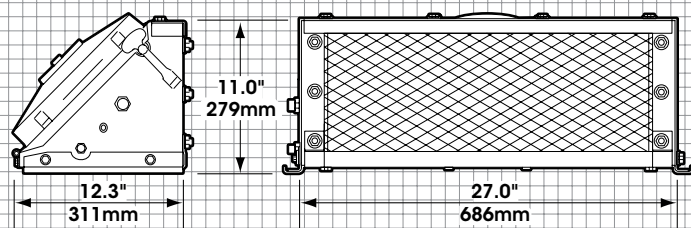
RD-4-3669-0P

(2 required
per unit)



Condenser Mount Bracket

77R9020





This exploded view diagram illustrates the assembly of a mechanical device, likely a pump or a specialized fan. The central component is a rectangular housing (1) with a mesh screen (9) on its front. A circular impeller or fan wheel (8) is mounted on a shaft (11) within the housing. A motor (3) with a fan (5) is connected to the housing via a coupling (22). Various pipes (13, 14, 15, 16, 31) and fittings (23, 24, 25, 26) are shown connecting to the housing. A control panel (7) with a switch (27) and a pressure gauge (29) is attached to the side. A base (19, 20) supports the housing. Other components include a filter (2), a valve (21), and a small box (11, 12). The diagram uses dashed lines to show the relative positions and assembly paths of the parts.

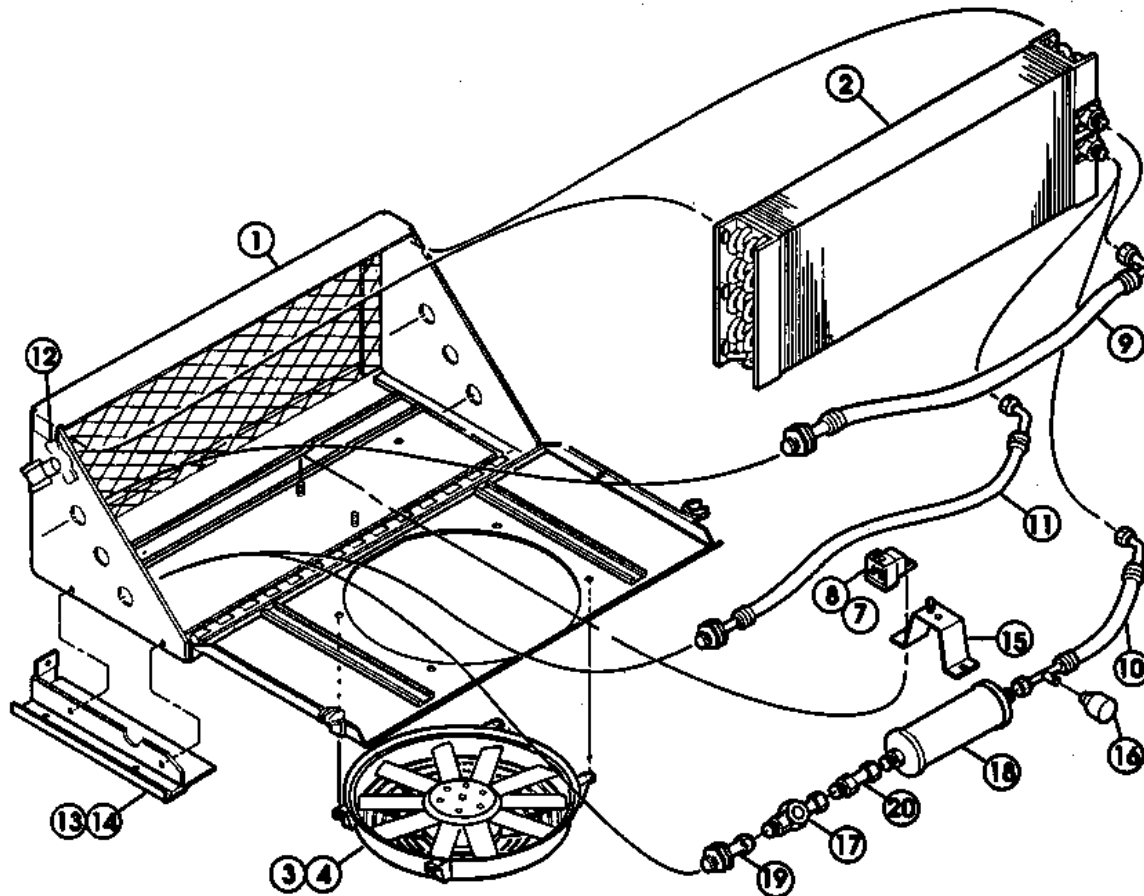
ITEM	NOTE	PART NO.	DESCRIPTION	CAT. NO.	ITEM	NOTE	PART NO.	DESCRIPTION	CAT. NO.
1		RD-4-4058-0	HOUSING ASSY		17	CDF	RD-2-1783-8.60	HOSE ASSY - FREON #6	
2		RD-4-4069-1	CONDENSER ASSY		18	CDF	RD-2-1785-8.60	HOSE ASSY- FREON #6	
3	AC	RD-5-5120-0	MOTOR(12V)	73R0512	19		RD-4-4073-0	BRACKET ASSY	
4	BD	RD-5-5120-24	MOTOR(24V)	73R0514	20		RD-4-4073-1	BRACKET ASSY	
5		RD-4-3508-0	FAN	73R8100	21		RD-4-4266-0	MOUNT ASSY - MOTOR	
6		RD-5-4216-0	DIODE	71R1900	22		RD-3-4410-0	RETAINER (MOTOR)	
7		RD-4-3804-0	FITTING BRACKET ASSY		23	CDE	RD-5-4640-0	BINARY SWITCH ASSY	
8		RD-5-3894-1	GUARD-FAN		24	CD	RD-5-6671-0	RECEIVER DRIER	
9	AB	RD-5-4400-0	CLAMP-DBL HOSE SUPP	70R 5770	25	CD	RD-5-4903-0	MOISTURE INDICATOR	
10	CD	RD-5-4666-0	CLAMP-SINGLE HOSE	70R5708	26	CD	RD-4-4290-0	BRACKET ASSY- DRIER	
11	CE	RD-5-6690-0	RELAY- 12V	71R1902	27	E	RD-5-3843-0	RECEIVER DRIER	74R2566
12	DE	RD-5-6693-0	RELAY - 24V	71R1904	28	E	RD-4-4313-1	BRACKET - DRIER	
13		RD-2-1659-26	HOSE - FREON #6 TO #8		29	E	RD-4-4312-0	#6 TUBE ASSY	
14	AB	RD-2-0815-26.50	HOSE ASSY - FREON #6		30	E	RD-4-4312-1	#6 TUBE ASSY	
15	CD	RD-2-1784-12	HOSE ASSY - FREON #6		31	E	RD-2-1727-26.50	HOSE ASSY - FREON #6	
16	CD	RD-2-0815-8.50	HOSE ASSY - FREON #6						

- A. MODEL R-9720-1 ONLY 12V
- B. MODEL R-9720-1-24 ONLY 24V
- C. MODEL R-9720-3 ONLY 12V
- D. MODEL R-9720-3-24 ONLY 24V
- E. PART OF RD-11-0076 RECEIVER DRIER KIT PURCHASED SEPARATELY FOR USE WITH -1 AND -1-24 MODELS
- F. TO USE IN OPTIONAL MOUNTING LOCATIONS - NOT SHOWN



Remote Mount Condenser Models R-9720-4 & R-9720-5

SERVICE PARTS LIST



ITEM	NOTE	PART NO.	DESCRIPTION	CAT. NO.	ITEM	NOTE	PART NO.	DESCRIPTION	CAT. NO.
1		RD-4-4952-0	HOUSING ASSY		14		RD-4-4073-1	BRACKET ASSY	
2		RD-4-4069-1	CONDENSER ASSY	77R0110	15		RD-4-4253-1	BRACKET ASSY - DRIER	
3		RD-5-8631-2	FAN/MOTOR ASSY [12V]	73R8582	16	C	RD-5-8433-0	BINARY SWITCH ASSY	71R7075
4		RD-5-8631-3	FAN/MOTOR ASSY (24V)	73R8584	17	C	RD-5-4903-0	MOISTURE INDICATOR	70R3500
5	A	RD-5-4666-0	#8 CLAMP	70R5708	18	C	RD-5-7064-0	IN LINE RECEIVER DRIER	74R0460
6	A,B	RD-5-4665-0	#6 CLAMP	70R5706	19	C	RD-5-7836-13	#6 TUBE ASSY	70R6406
7	D	RD-5-6690-0	RELAY - 12V	71R1902	20	C	RD-3-5395-1	#6 TUBE ASSY	
8	D	RD-5-6693-0	RELAY - 24V	71R1904	21	A,D	RD-5-7061-2	RECEIVER DRIER	74R2526
9		RD-2-2595-28	HOSE ASSY - #6 TO #8		22	A,D	RD-5-5021-1	BRACKET ASSY - DRIER	
10	C	RD-2-2655-11	HOSE ASSY - #6		23	A,D	RD-4-5023-0	#6 TUBE ASSY	
11	B,D	RD-2-2649-29.25	HOSE ASSY-#6		24	A,D	RD-4-5023-1	#6 TUBE ASSY	
12		RD-5-8086-0	RETAINER ASSY [2]		25	A,D	RD-5-4640-0	BINARY SWITCH ASSY	71R7050
13		RD-4-4073-0	BRACKET ASSY		26	A,D	RD-5-4035-52	HOSE CLAMP	70R5650

A. NOT SHOWN B. R-9720-4 & R-9720-4-24 MODELS ONLY C. R-9720-5 & R-9720-5-24 MODELS ONLY

Red Dot Corporation PO Box 88790, Seattle, WA 98138 (425) 251-6897 Fax (425) 251-3934

RD-4-5113-0 REV A

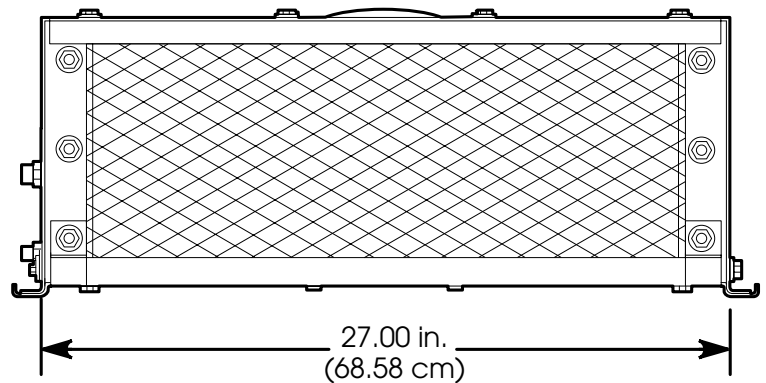
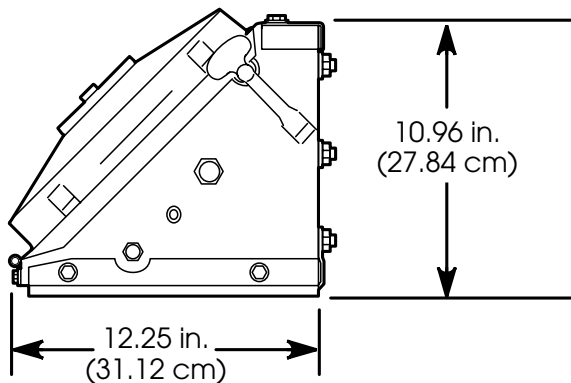
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Page 1 of 1



Red Dot Remote Mount Condenser R-9720 Series

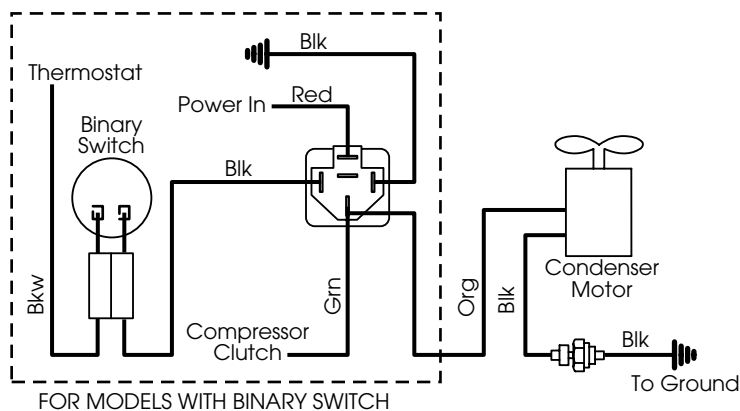
TECHNICAL SALES BULLETIN AND SERVICE PARTS LIST DIMENSIONS



SPECIFICATIONS

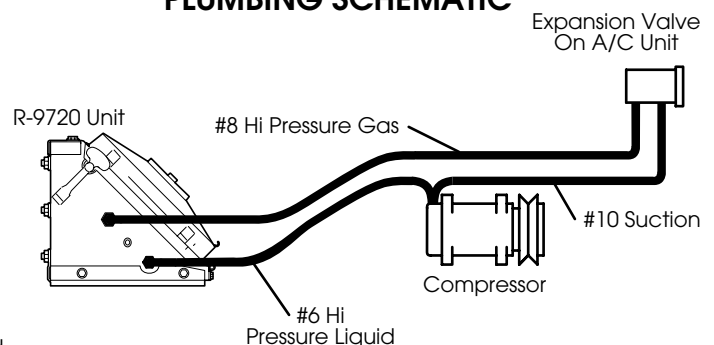
Capacity:	27,000 BTU/Hr (6804 kcal/h) @ 150°F Condensing Temp. and 100°F Entering Air
Air Flow:	740 CFM (1257 m ³ /h)
Current Draw:	12.3 Amps @ 13.6 Volts D.C. 6.17 Amps @ 27.2 Volts D.C.
Condenser Coil:	Copper Tubing, Aluminum Fins and Plated Steel Headers
Motor:	Single Speed, Long Life Sealed With Pre-Lubricated Bearings
Fan:	10" Dia., Pancake Motor Fan Assembly
Weight:	38 Lbs. (17.24 Kg.)

ELECTRICAL SCHEMATIC



SCHEMATICS

PLUMBING SCHEMATIC



R-9723 Rooftop

Remote-Mount Condenser (32,900 BTU)

CONSTRUCTION • MINING • AGRICULTURE

Rugged and versatile, the R-9723 remote-mount condenser can be mounted on a horizontal surface or below a roof or floor panel. Includes an in-line drier for installation without reconfiguring the A/C plumbing. High-performance SPAL fans provide superior reliability.



R-9723 SPECIFICATIONS

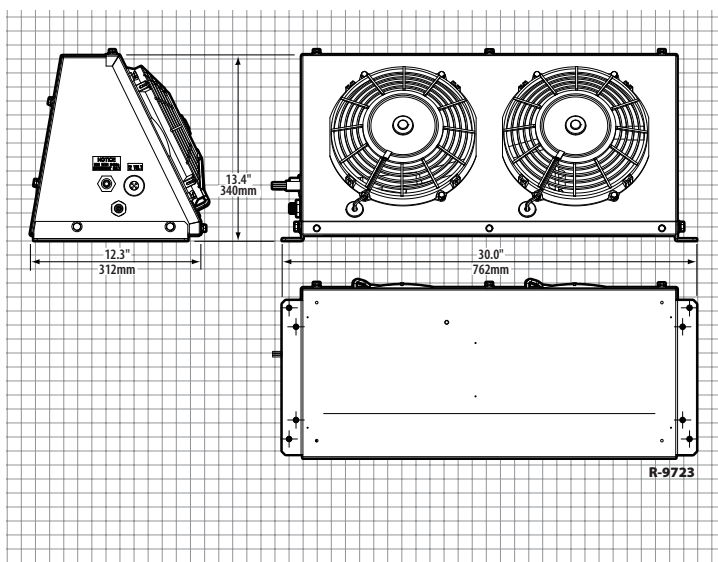
BTU'S 32,900 BTU/Hr

AIR FLOW 1100 CFM (1869 m³/h)

WEIGHT 50 lbs. (23 kg)

CURRENT 14A @ 13.5V

DRAW 8.2A @ 27V



R-9723 SERIES SYSTEM ORDERING GUIDE

R-9723-0P	12 VDC with In-Line Drier	R-134a Compatible
R-9723-0-24P	24 VDC with In-Line Drier	R-134a Compatible

R-9725

Remote Mount Condenser (33,000 BTU)

CONSTRUCTION • MINING • AGRICULTURE

The R-9725's dual fans provide the capacity to handle any of Red Dot's auxiliary air conditioners. Can be mounted vertically or horizontally. Rock guard optional.

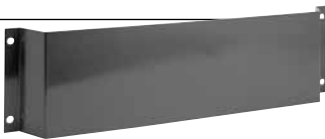


R-9725 SPECIFICATIONS

CAPACITY	33,000 BTU/hr (9.7 kW)
WEIGHT	40 lbs. (18 kg)
CONDENSER COIL	Copper tubing, aluminum fins and plated steel headers
MOTORS	Single speed sealed permanent magnet
CURRENT DRAW	24 amps @ 13.6 VDC (includes 4 amps for A/C clutch) 12 amps @ 27.2 VDC (includes 2 amps for A/C clutch)
FANS	Two 8-inch (20.32 cm) diameter bladed fans producing 900 CFM (1,529 m3/h)
UNITS	R-9725-1P (12 VDC), R-9725-1-24P (24 VDC)

OPTIONS:

Rock Guard
RD-4-4548-1P



R-9730

Remote Mount Condenser (44,500)

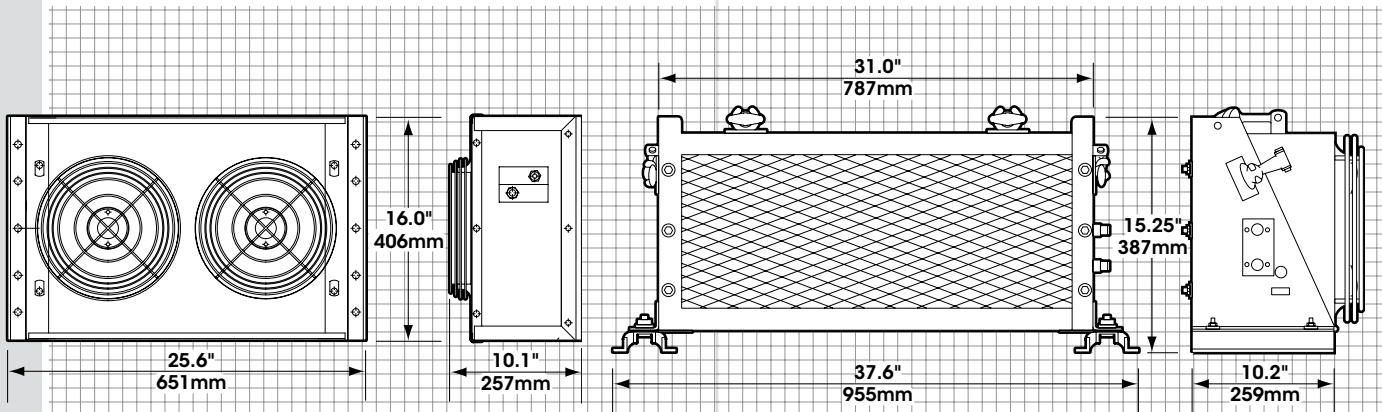
CONSTRUCTION • MINING • AGRICULTURE

The R-9725 is a heavy-duty condenser with the capacity to support dual-evaporator systems used in punishing off-highway environments.

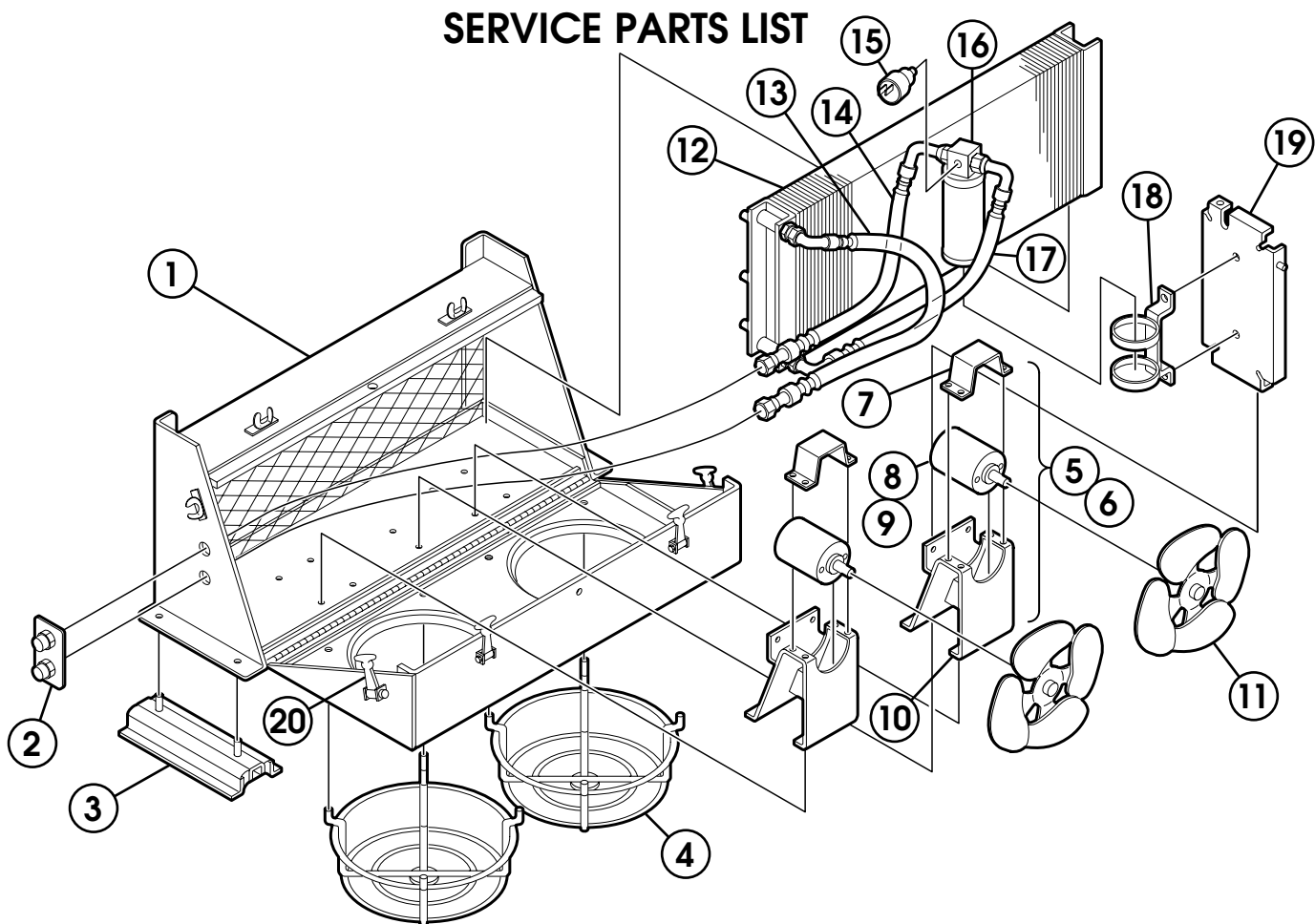


R-9730 SPECIFICATIONS

CAPACITY	44,500 BTU/hr (13 kW)
WEIGHT	74 lbs. (33.6 kg)
CONDENSER COIL	Copper tubing, aluminum fins and plated steel headers
MOTORS	Two single speed, long life sealed with pre-lubricated bearings.
CURRENT DRAW	26 amps @ 13.6 VDC (includes 4 amps for A/C clutch) 13 amps @ 27.2 VDC (includes 2 amps for A/C clutch)
FANS	Two 10-inch (25.4 cm) dia. bladed fans producing 1500 CFM (2,548 m3/h)
UNITS	R-9730-0P (12 VDC), R-9730-0-24P (24 VDC)



SERVICE PARTS LIST



ITEM	NOTE	PART NO.	DESCRIPTION	CAT. NO.	ITEM	NOTE	PART NO.	DESCRIPTION	CAT. NO.
1		RD-4-3666-0	HOUSING ASSY		11		RD-4-3508-0	FAN (2)	73R 4254
2		RD-4-3804-0	FITTING ASSY		12		RD-4-3646-0	CONDENSER ASSY	
3		RD-4-3669-0	SHOCK MOUNT (2)		13		RD-2-1649-29	#8 FREON HOSE ASSY	
4		RD-5-3894-1	FAN GUARD (2)		14		RD-2-0815-14.70	#6 FREON HOSE ASSY	
5	A	RD-4-3670-0	MOTOR & MNT ASSY 12V		15		RD-5-4646-0	SWITCH-PRESSURE, BINARY	
6	B	RD-4-3670-1	MOTOR & MNT ASSY 24V		16		RD-5-3593-0	RECEIVER DRIER	71R 1450
7		RD-3-3174-0	RETAINER - MOTOR (2)		17		RD-2-1647-24	#6 FREON HOSE ASSY	
8	A	RD-4-4418-0	MOTOR - 12V (2)	73R 0512	18		RD-4220-1	BRACKET - REC. DRIER	
9	B	RD-4-4418-1	MOTOR - 24V (2)	73R 0514	19		RD-4-3652-0	SUPPORT - REC. DRIER	71R 8300
10		RD-4-4150-0	MOTOR MOUNT ASSY (2)		20		RD-5-4195-0	ANCHOR, RUBBER (4)	

A. 12 Volt Application B. 24 Volt Application

APPLICATIONS

Tracked Vehicles

Haul Trucks

Drill Rigs

The Construction Of This Unit Makes It Ideal For Mounting On Tracked Or Rubber Tired Vehicles Such As Used In Off Highway And Agricultural Applications. There Is No Requirement For Ram Air. Therefore, The Unit May Be Mounted In Any Suitable Location. The Vibrasorber Brackets Are Undrilled Making It Possible To Either Weld Or Bolt As Desired.

ORDERING INFORMATION

ORDER BY MODEL NUMBER **R-9730-0**.
FOR 24 VOLT APPLICATION ADD-**24** TO MODEL NUMBER

Additional cost items for a complete installation

1. Winter Cover (Optional) RD-5-4021-0

RED DOT CORPORATION P.O. Box 58270 Seattle, WA 98138 (206) 575-3840

RD-4-4510-0 (REV A)



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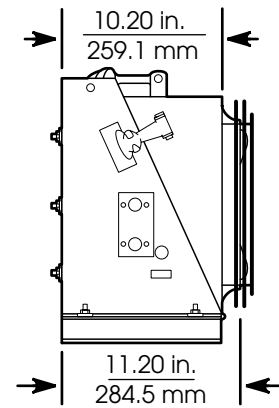
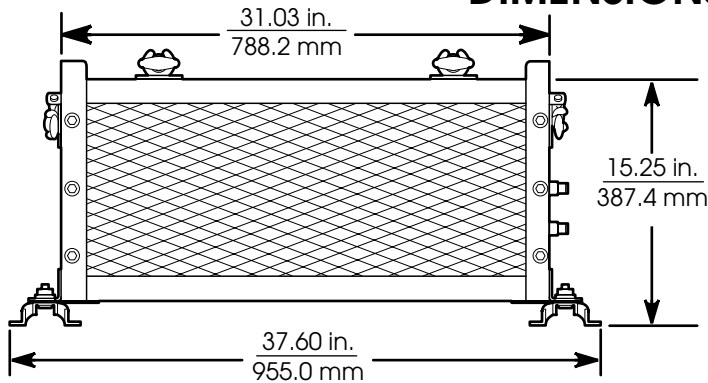
4- **2BC**
3/92



Red Dot Heavy Duty Condenser R-9730 Series

TECHNICAL SALES BULLETIN AND SERVICE PARTS LIST

DIMENSIONS

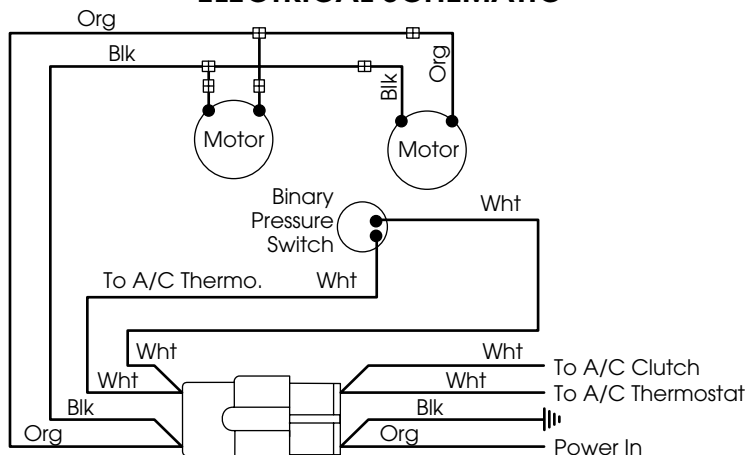


SPECIFICATIONS

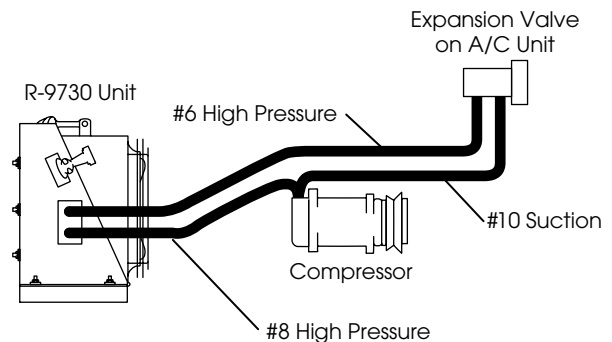
- Capacity:** 44,500 BTU/Hr (13.04 KW/Hr) @ 150°F (65.5°C) Condensing Temperature And 100°F (37.8°C) Entering Air
- Weight:** 74 Lbs. (33.6 Kg), Dry
- Condenser Coil:** Copper Tubing, Aluminum Fins And Plated Steel Headers
- Motors:** Two Single Speed, Long Life Sealed With Pre-Lubricated Bearings
- Current Draw:** 26 Amps @ 13.6 VDC (Includes 4 Amp for A/C Clutch)
13 Amps @ 27.2 VDC (Includes 2 Amp for A/C Clutch)
- Fan Blades:** Two 10" Dia., 4-Bladed Fans Producing 1500 (42.5 M³/Min) C.F.M.
- Receiver Drier:** High Capacity With Red Dot Binary™ Switch.

SCHEMATICS

ELECTRICAL SCHEMATIC



PLUMBING SCHEMATIC

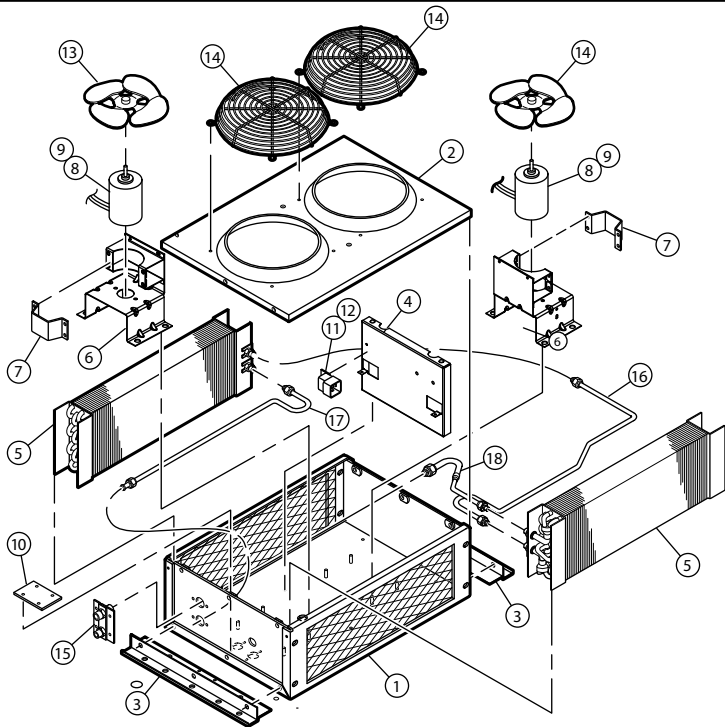


Receiver Drier Located Inside Unit For Easy Access.



Remote Mount Condenser Model R-9725

SERVICE PARTS LIST



ITEM	PART NO.	DESCRIPTION	CAT. NO.
1	RD-4-4501-0	Housing Assembly	
2	RD-4-4480-2	Cover Assembly	
3	RD-4-4463-0	Mounting Bracket Assembly (2)	
4	RD-4-5856-0	Bulkhead Assembly	
5	RD-4-4440-0	Condenser Assembly (2)	77R 0090
6	RD-4-5855-0	Motor Mount Assembly (2)	
7	RD-3-3174-0	Retainer-Motor (2)	
8	RD-5-8709-0	Motor - 12v (2)	73R0562
9	RD-5-7129-24	Motor - 24v (2)	73R0544

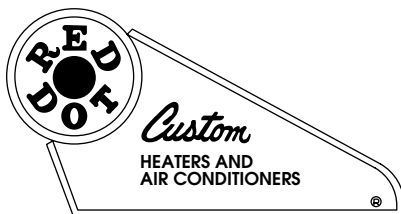
ITEM	PART NO.	DESCRIPTION	CAT. NO.
10	RD-4-4547-1	Cover Plate Assembly	
11	RD-5-6690-0	Relay-12v Sealed	71R 1902
12	RD-5-6693-0	Relay-24v Sealed	71R 1904
13	RD-5-7123-0	Fan (2)	
14	RD-5-6767-0	Fan Guard (2)	
15	RD-4-3804-0	Fitting-Bracket Assembly	
16	RD-4-4470-0	#6 Outlet to Inlet Tube Assembly	
17	RD-4-4471-0	#6 Outlet Tube Assembly	
18	RD-4-4465-0	#8 Stepdown To #6 Inlet	

RED DOT CORPORATION

P.O.Box 88790 Seattle, WA 98138 (206) 575-3840 fax (206) 574-6659

RD-4-4506-0 (REV C)

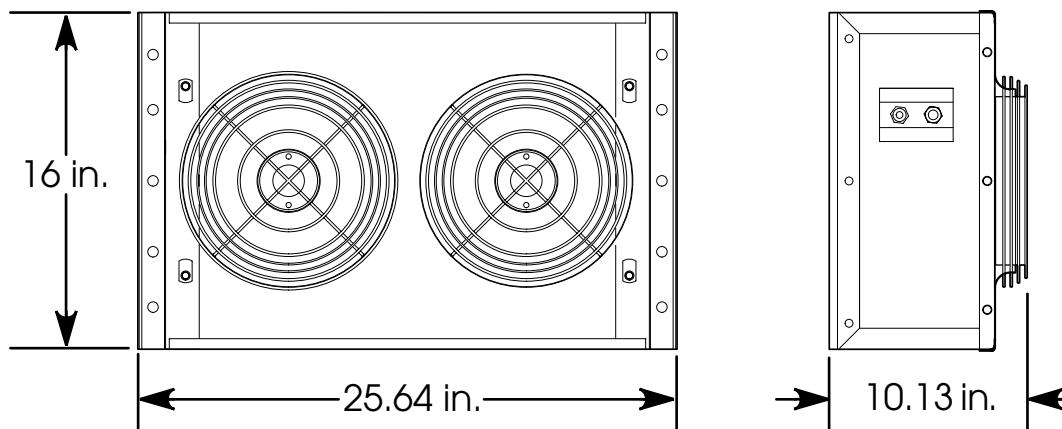
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Red Dot Remote Mount Condenser R-9725 Series

TECHNICAL SALES BULLETIN AND SERVICE PARTS LIST

DIMENSIONS

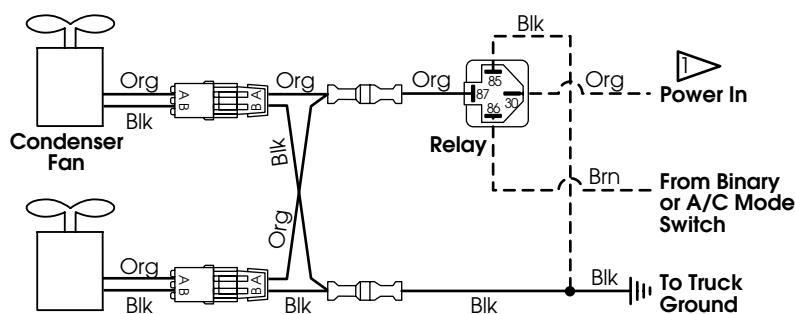


SPECIFICATIONS

Capacity:	33,000 (97 KW) BTU/Hr @ 150°F (65.6°C) Condensing Temp. and 100°F (37.8°) Entering Air
Air Flow:	850 CFM (24.1 M ³ /Min)
Current Draw:	20 Amps @ 13.6 Volts D.C. 10 Amps @ 27.2 Volts D.C.
Condenser Coil:	Copper Tubing, Aluminum Fins and Plated Steel Headers
Motor:	Single Speed, Long Life Sealed With Pre-Lubricated Bearings
Fan:	Two 8" Dia., 5 Bladed Fans Producing 850 CFM

SCHEMATICS

ELECTRICAL SCHEMATIC



USE 30 AMP FUSE OR CIRCUIT BREAKER FOR 12V SYSTEMS (CUSTOMER SUPPLIED)
USE 15 AMP FUSE OR CIRCUIT BREAKER FOR 24V SYSTEMS (CUSTOMER SUPPLIED)
--- HIDDEN LINES INDICATE CUSTOMER SUPPLIED COMPONENTS

PLUMBING SCHEMATIC

