

72R SERIES

Controls

Water & Air



CLIMATRANS INC.

www.climatrans.com

Eastern Canada

72R SERIES

AIR SWITCHES AND CYLINDERS

AIR SENSING SWITCHES

72R0050

RD-5-4475-0P

Normally Closed,
Opens at 25 PSIG
1/8"-27 NPTF Male



72R0070

RD-5-5538-0P

Normally Open,
Closes at 21 TO 29 PSIG
1/8" - 27 NPTF Male



RED DOT AIR SWITCHES

72R0100

RD-5-4740-0P

Air Switch Guard



72R0220

RD-5-3827-2P

Nickle plated toggle



72R0600

RD-5-5721-0P

Black Toggle with Quick Connect
fitting 1/4" In and 1/4" Out



72R0190

RD-5-5721-1P

Black Toggle
With Quick Connect fittings
1/4" in and 1/4" out



72R0240

Rd-5-3827-4P

Chrome Push Button
Momentary Off/Maintain On



72R0610

RD-5-4721-0P

Black Toggle with Quick Connect fitting
1/4" In and 1/8" Out



72R0200

RD-5-3827-0P

Black Toggle, Flat



72R0260

RD-5-3827-6P

Black Toggle



72R0210

RD-5-3827-1P

Black Toggle, Round



72R0500

RD-5-4747-0P

TOGGLE with guard used in fifth wheel slide and
other pneumatic applications.
Inlet & outlet are 1/8"-27
NPTF Female



AIR HOSE SHOWN IN SECTION 78

Chrome mounting nut (1 1/2-32 UNF-2B)

AIR CYLINDERS / HYDRAULIC CONTROL VALVES

SINGLE ACTION RED DOT AIR CYLINDERS

Part No.	Factory No.	Cylinder Diameter	Cylinder Length	Stroke	Material	Mount	Air Fitting	
72R1100	RD-3267-1P	.75"	3.25"	1.02"	Brass	D	A	
72R1200	RD-5-5414-4P	.625"	3.69"	1.10"	Plastic	F	B	
72R1210	RD-5-5784-5P	.625"	3.69"	1.10"	Plastic	F	C	

DOUBLE ACTING RED DOT AIR CYLINDERS

Part No.	Factory No.	Cylinder Diameter	Cylinder Length	Stroke	Material	Mount	Air Fitting	
72R1300	RD-5-5424-1P	.69"	4.74"	.5"	Plastic	F	B	
72R1310	RD-5-6028-1P	.79"	5.34"	.375"	Plastic	F	C	

- A 1/8" NPT Threads
 B 1/8" Nylon Hose Push-in Fitting
 C 3/16" Nylon Hose Push-in Fitting
 D 9/16" - 18 UNF-2A Threaded Mounting
 F Plastic Mounting Plate

SOLENOID VALVE

Provides electric control for operation of air cylinders, air actuated shutters, air controlled clutching fans.
 Solenoid can be normally open or normally closed depending on control port used.
 1/8" - 27 NPT Threads

72R1502

RD-5-0060-0P

12 VDC – Draws .65 AMPS



72R1504

RD-5-0060-24P

24 VDC – Draws .45 AMPS



72R SERIES

AIR DIFFUSERS AND LOUVERS

72R2000 RD-5-5476-0P

Snap In Louver Fits 1 3/8" X 5 3/4" Opening



72R2100 RD-5-3709-0P

Louver Fits 1 3/4" X 3 5/8" Opening - Oval Connection



72R2105 RD-5-6220-0P

Oval Connection All Black - 1 1/16" X 4 3/4" Opening



72R2110 RD-5-6555-0P

Louver Fits 1.4" X 4.4" Opening



72R2120 RD-3-8989-0P

Louver Fit 3" X 7 1/4" Opening



72R2130 RD-5-5520-0P

Louver Fits 1.6" X 5.1" Opening - Stud Mount



72R2140 RD-5-5552-0P

Louver Fits 1 3/4" X 5 1/8" Hole - Snap Mount



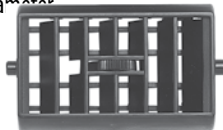
72R2150 RD-5-4452-0P

Louver Fits 1 7/8" X 3 3/8" Opening - Snap Mount



72R2160 RD-5-9637-0P

3 1/2" X 2 1/4" X 1 3/8" deep Opening - 3 1/4" X 1 1/16" Pivot: 1/4" diameter



72R2200 RD-5-4451-0P

Louver Fits 1 1/16" X 4 25/32" Opening - Stud Mount



72R2250 RD-5-3597-0P

Fits 1 1/16" X 5 1/16" Opening - Clip Mount Louver* Dimensions: 2 1/2" X 7 1/2" - 100% Shutoff



72R2255 RD-5-10418-0P

Fits 2 1/2" X 7 1/2" Opening - Clip Mount Louver* Outside dimension: 3" x 8"



72R2300 RD-4340-0P

Louver Fits 2.69" X 6.50" Opening - Stud Mount



72R2350 RD-5-10478-0P

Louver Fits 2 3/4" X 7 1/4" Opening - Snap Mount



72R2351 RD-5-6987-0P

5 1/8" x 2" x 1" deep - Opening 4 3/4" x 2" x 1" deep



72R2500 RD-5-3701-0P

Ball Louver With 2" Hose Adapter* Fits 2 1/2" Hole



72R2550 RD-5-3758-0P

Flush Mount Ball Louver* †



72R2600 RD-5-3702-0P

Ball Louver With 2 1/2" Hose Adapter*



72R2605 RD-5-10211-0P

Ball Louver With 2 1/2" Hose Adapter*



72R3000 RD-5-6017-0P

Fixed Vane 1 1/8" X 8 1/2"



72R3010 RD-3-7838-2P

Right Hand Fixed Vane Defrost Outlet



72R3020 RD-3-7838-3P

Left Hand Fixed Vane - Defrost Outlet



72R3050 RD-5-3596-0P

2" Diffuser (Flush)



72R3100 RD-5-5223-1P

3 1/2" Diffuser, 3 5/8" O.D., 3 1/16" mounting hole



* 100% Shut Off

† Retaining Ring Sold Separately: RD 5-4611-0P



AIR DIFFUSERS, LOUVERS, DUCTS AND ADAPTERS

72R3110 RD-5-5223-0P

3 1/2" Diffuser, 3 3/8" O.D., 3 3/16" mounting hole
With Angled Base, includes spring

**72R3111** RD-5-5222-0P

3 3/4" x .907" Louver – 3 1/4" Opening

**72R3120** RD-5-8436-0P

3" Diffuser

**72R3130** RD-5-9024-0P

3" Diffuser

**72R3135** RD-5-10236-0P

3 1/2" Diffuser, 3 3/8" O.D. 3 1/4" mounting hole

**72R3140** RD-5-9053-0P

4" Diffuser

**72R3149** RD-5-11560-0P

Fits 3" Hole – 2" Hose

**72R3150** RD-5-9425-0P

Fits 3" Hole – 2 1/4" Hose 100% Shut Off – Inlet = 2.165"

**72R3151** RD-5-10030-0P

2" Hose

**72R3155** RD-5-9426-0P

Fits 3" Hole – 2 1/4" Hose

**72R3156** RD-5-10031-0P

2" Hose, 3" O.D., 2 1/4" x 2" mounting hole

**72R3157** RD-5-8928-0P

Louver Outlet

**72R3200** RD-5-3846-0P

4 1/2" Diffuser (Flush)

**72R3510** RD-3196-1P

2 1/2" Defrost Outlet Assembly

**72R3530** RD-3196-3P

3" Defrost Outlet Assembly

**72R3550** RD-3196-5P

3 1/2" Defrost Outlet Assembly

**72R3600** RD-5-9313-0P

2 1/2" Hose

**72R3601** RD-1-0422-0P

2 1/2" Auxiliary Outlet Assembly

**72R3603** RD-1-0423-0P

3" Auxiliary Outlet Assembly

**72R4000** RD-5-9153-0P

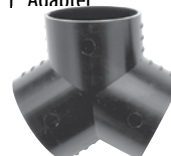
Defrost Duct With 2 1/2" Hose Adapter
Length = 19 3/8"
Width = 4 5/8"
Height = 5 1/2"

**72R4010** RD-5-9152-0P

Defrost Duct With 2 1/2" Hose Adapter
Length = 20 1/4"
Width = 2 1/2"
Height = 3 3/8"

**72R4400** RD-5-9157-0P

2 1/2" Flexhose "Y" Adapter

**72R4500** RD-5-9158-0P

2 1/2" To 3" Flexhose Adapter



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AIR DIFFUSERS, LOUVERS, DUCTS AND ADAPTERS

72R4510 RD-5-9159-0P

2 1/2" To 2" Flexhose Adapter



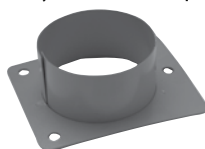
72R4530 RD-3-1566-2P

Air Outlet Assembly for 4" Hose To Square Plate



72R4531 RD-3-4812-2P

Air Outlet Assembly for 3" Hose To Square Plate



72R4532 RD-5-8926-0P

Straight 2 1/4" Hose Outlet



72R4533 RD-1-0639-0P

3 1/2" Defrost Hose Outlet



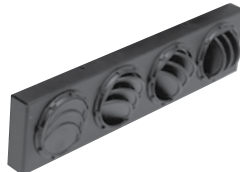
RD-1-1651-0P

2 1/2" Outlet Adapter, 4-way Duct, fits R-2100



RD-2-3279-0P

Four Louver Outlet Adapter, fits R-2100



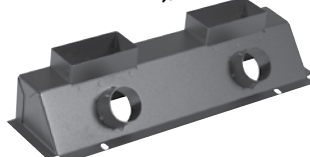
RD-3-10111-0P

Louvered Plenum Assembly, fits R-9520



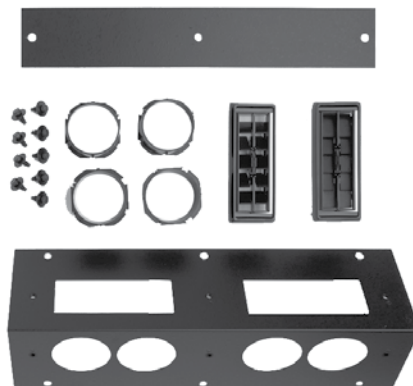
RD-3-10112-0P

Ductable Plenum Assembly, fits R-9520



RD-3-6060-0P

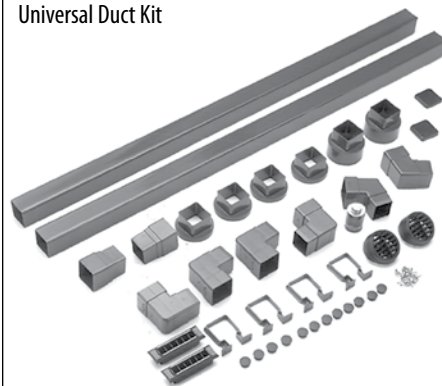
Plenum Assembly with 2 1/2" Hose Adapters



78R2100

RD-5-6683-0P

Universal Duct Kit



DEFROST HOSE

78R0200 RD-5-5122-108P

2" Defrost Hose (9 ft)

78R0250 RD-5-5123-108P

2 1/2" Defrost Hose (9 ft)

78R0300 RD-5-3930-108P

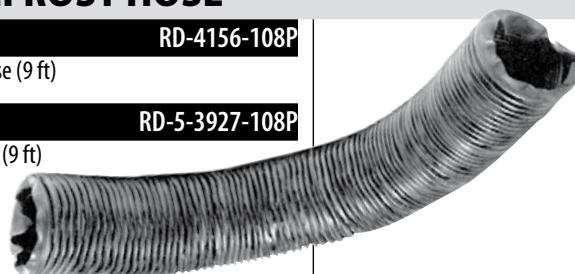
3" Defrost Hose (9 ft)

78R0350 RD-4156-108P

3 1/2" Defrost Hose (9 ft)

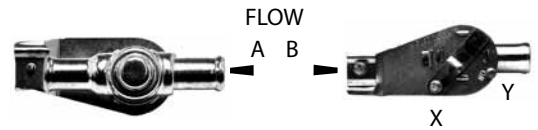
78R0400 RD-5-3927-108P

4" Defrost Hose (9 ft)



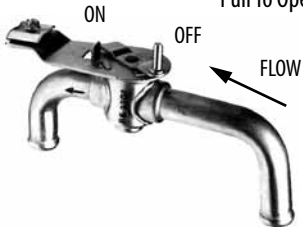
RED DOT CABLE CONTROLLED WATER VALVES METAL

Automotive & Heavy Duty TYPE - IN LINE			FLOW	ON	OFF
72R5040	RD-5-4923-0P	5/8" hose to 5/8" hose	A	X	Y
72R5050	RD-4257-0P	5/8" hose to 5/8" hose	B	X	Y
72R5055	RD-5-10223-0P	5/8" hose to 5/8" hose	B	X	Y
72R5060	RD-5-5119-0P	5/8" hose to 5/8" hose	A	Y	X
72R5070	RD-5-5191-0P	3/4" hose to 3/4" hose	A	X	Y



72R5080 RD-5-5215-0P

5/8" Hose, 90° elbow to 5/8" Hose, 110° elbow
Pull To Open



72R5110 RD-5-8034-0P

5/8" Hose to 3/4" Hose
Pull To Open



72R5500 RD-5-5192-0P

5/8" Hose to 5/8" Hose
Manual Open & Close



72R5600 RD-5-5193-0P

3/4" Hose to 3/4" Hose
Manual Open & Close



72R SERIES

WATER VALVES

RED DOT CABLE CONTROLLED WATER VALVES ENGINEERED POLYMER

72R5200**RD-5-5300-0P**

$\frac{3}{8}$ " Hose to $\frac{3}{8}$ " Hose
Pull To Close

**72R5210****RD-5-5300-1P**

$\frac{3}{8}$ " Hose to $\frac{3}{8}$ " Hose
Pull To Open

**72R5285****RD-5-9224-1P**

$\frac{3}{8}$ " Hose to $\frac{3}{8}$ " Hose
Push To Open
Fits John Deere Wheel
Loader 324H, 344H
Replacement Cable Clip
RD-5-8885-0M

**72R5203****RD-3-11046-0P**

$\frac{1}{4}$ " Hose to $\frac{3}{8}$ " Hose with Stem Water Control Valve
Pull To Close



Fits Caterpillar Skid Steer, B-Series, Tier II

72R5260**RD-5-5495-1P**

$\frac{3}{8}$ " Hose to $\frac{3}{8}$ " Hose
90° Elbow*
Pull To Open

**72R5350****RD-5-8193-2P**

$\frac{3}{8}$ " Hose to $\frac{3}{8}$ " Hose
Pull To Open

**72R5204****RD-5-10635-0P**

$\frac{3}{8}$ " Hose to $\frac{3}{4}$ " Hose with Stem Water Control Valve
Pull To Close



Fits Caterpillar Skid Steer, A-Series, Tier I & II

72R5270**RD-5-5495-2P**

$\frac{3}{8}$ " Hose to $\frac{3}{8}$ " Hose
90° Elbow*
Pull To Close

**72R5360****RD-5-9224-0P**

$\frac{3}{8}$ " Hose to $\frac{3}{8}$ " Hose



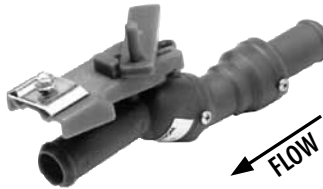
All cable controlled water valves are complete with
cable clamp & mounting hardware.

RED DOT CABLE CONTROLLED WATER VALVES WITH FLOW RESTRICTER

Red Dot has designed these water valves with a flow restricter.
The restricter reduces water flow to approximately 5 to 6 gallons per minute through the heater core.
The benefits are easier modulation, extended water valve life and maximized heater core efficiency.

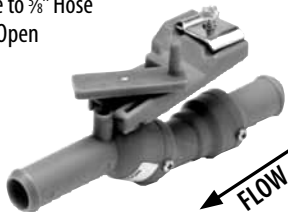
72R5220 RD-5-7760-1P

$\frac{3}{8}$ " Hose to $\frac{3}{8}$ " Hose
Push To Open



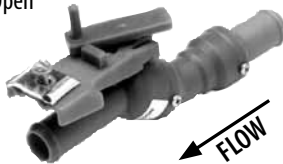
72R5230 RD-5-7760-2P

$\frac{3}{8}$ " Hose to $\frac{3}{8}$ " Hose
Pull To Open



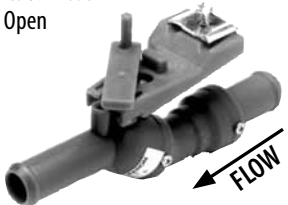
72R5240 RD-5-7760-3P

$\frac{3}{8}$ " Hose to $\frac{3}{8}$ " Hose
Pull To Open



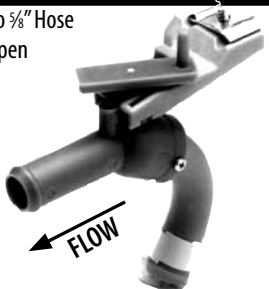
72R5250 RD-5-7760-0P

$\frac{3}{8}$ " Hose to $\frac{3}{8}$ " Hose
Push To Open



72R5280 RD-5-8083-0P

$\frac{3}{8}$ " Hose to $\frac{3}{8}$ " Hose
Push To Open



72R5355 RD-1-2246-0P

$\frac{3}{8}$ " Hose to $\frac{3}{8}$ " Hose – Water Valve & Self Clinching Pin
Pull To Open

Fits R-9787 Model,
AGCO Tractor 35, 45, 55
Standard & Advanced



72R6510 RD-5-8935-0P

Pull To Open Cable Controller
Fits Freightliner FL Series, Volvo C.O.E.



72R6515 RD-5-8943-0P

Pull To Open Cable Controller
Fits Freightliner FTLC120
Century Class 1996-2002
OE#A22-44-553-000



72R6520 RD-5-10344-0P

$\frac{3}{8}$ " Hose To $\frac{3}{8}$ " Hose
Pull to Close
Fits Freightliner
Applications



72R6525 RD-5-8390-0P

Water Valve for Caterpillar Motor Grader 24H



72R6530 RD-5-10345-0P

$\frac{3}{8}$ " Hose To Core Mount – Pull to Close
Fits Freightliner and Volvo Applications



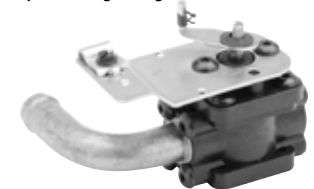
72R6533 RD-5-11319-0P

$\frac{3}{8}$ " Hose To Core Mount – Pull to Open
Fits Freightliner and Volvo Applications
Volvo OE#1118414, 176362



72R6535 RD-5-8894-0P

$\frac{3}{8}$ " Hose To Core Mount – Pull to Open
Fits Caterpillar Long / Large Haul 793, 797



72R6540 RD-5-9415-0P

Red Dot Model R-6120 Gillig Bus, R-6135 Orion Bus
Gillig Models 21-43550, 21-55565
Orion Models 071320036, 058, 151
5/8" x 5/8" hose

Cable controlled
Pull to Open



72R6547 RD-5-10055-0P

$\frac{3}{8}$ " Hose To Core Mount – Pull to Close
Fits Caterpillar Small Track Tractor
(STTT Series)
D3, D4, D5



RED DOT
AIR OPERATED WATER VALVES

72R6400

RD-5-8804-0P

 $\frac{5}{8}$ " Hose To $\frac{5}{8}$ " Hose**72R6410**

RD-5-8859-0P

 $\frac{3}{4}$ " Hose To $\frac{3}{4}$ " Hose**72R6423**

RD-5-8857-2P

 $\frac{5}{8}$ " Hose To $\frac{5}{8}$ " Hose**72R6401**

RD-5-8804-1P

 $\frac{5}{8}$ " Hose To $\frac{5}{8}$ " Hose**72R6420**

RD-5-8857-0P

 $\frac{5}{8}$ " Hose To $\frac{5}{8}$ " Hose**72R6425**

RD-5-8857-3P

 $\frac{5}{8}$ " Hose To $\frac{5}{8}$ " Hose**72R6403**

RD-5-8804-2P

 $\frac{5}{8}$ " Hose To $\frac{5}{8}$ " Hose**72R6421**

RD-5-8857-1P

 $\frac{5}{8}$ " Hose To $\frac{5}{8}$ " Hose**70R8420**

RD-5-4497-0P

Female fitting
page

is on this



LS = Limited to stock on hand

NOTE: Air operated water valves require 80 to 120 PSI of air to operate. Air supply threads are $\frac{1}{4}$ "-27 NPT.

ELECTRONIC WATER VALVE

72R7000

RD-5-8635-0P

12 or 24 Volt 3/4" hose connections

Replacement knob available separately: 71R4063



72R7105

RD-5-8135-0P

Replacement

Electronic Water Valve



72R7100

RD-5-10258-0P

12 or 24 Volt 3/4" hose connections

Replacement knob available separately: 71R4063

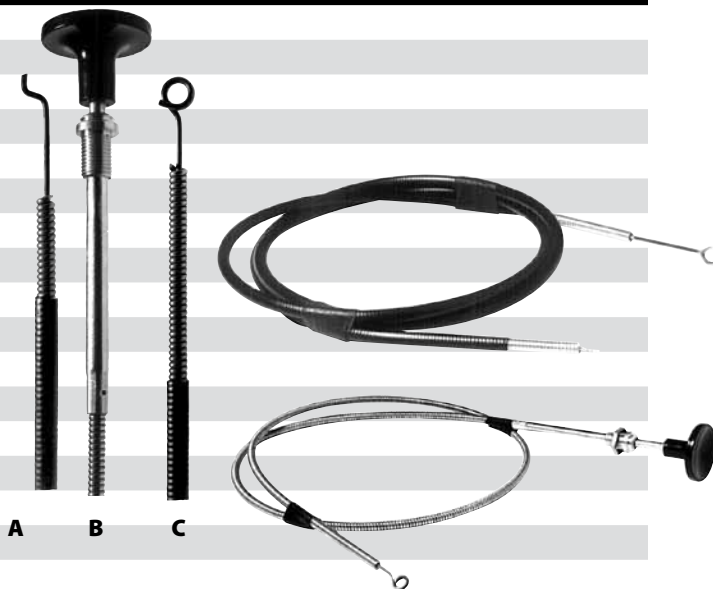


72R SERIES

WATER VALVES CONTROL CABLES

CONTROL CABLES

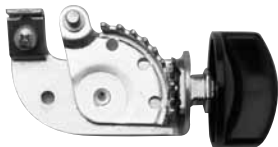
PART NO.	Factory No.	Description	End 1	End 2
72R7280	RD-4124-18P	18" with knob	C	B
72R7290	RD-4124-20P	20" with knob	C	B
72R7600	RD-4124-38P	38" with knob	C	B
72R7700	RD-4124-76P	76" with knob	C	B
72R8190	RD-4180-24P	24"	A	C
72R8200	RD-4180-29P	29"	A	C
72R8250	RD-4180-36P	36"	A	C
72R8255	RD-5-9225-36P	36"	C	C
72R8270	RD-5-6802-0P	41"	C	C
72R8280	RD-5-6803-0P	44"	C	C
72R8300	RD-4180-46P	46"	A	C
72R8315	RD-5-6667-46P	46"	C	C
72R8360	RD-4180-57P	57"	A	C
	RD-3-9188-0P	65 1/2"	A	B
72R8400	RD-4180-76P	76"	A	C
72R8410	RD-4180-79P	79"	A	C



72R9000

RD-5-7999-0P

Shown With Knob 71R4020 — Use With Cable Ends "A" & "C"
Replacement Hot/Cool Label RD-5-8886-0M

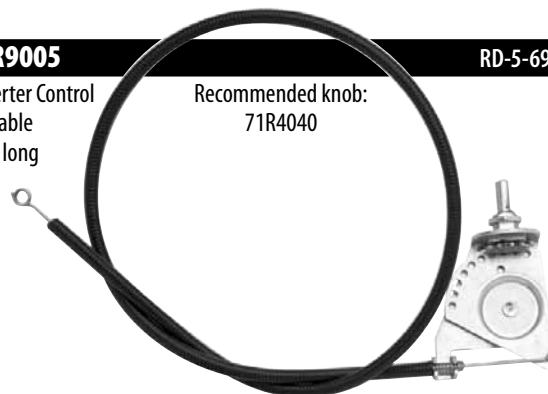


72R9005

RD-5-6917-2P

Converter Control
and Cable
28 3/4" long

Recommended knob:
71R4040



CABLE CONVERTER ASSEMBLIES



PART NO.	Factory No	Length	Cable End
72R8260	RD-5-9443-2P	24 1/16"	C
72R8265	RD-5-9443-3P	27 1/4"	C
72R8275	RD-5-9443-4P	83 1/4"	C