



74R SERIES

Receiver Driers

Accessories

Did You Know...

The primary function of a receiver drier is to remove moisture from the A/C system. Under normal operating conditions the drier canister should be warm to the touch. The presence of frost on the canister indicates an internal restriction. The A/C system is overdue for its annual service interval.

Service Tip

System oil color can often provide us with some idea of compressor and internal system conditions.

- Black oil indicates carbonization caused by air (moisture) in the system.
- Brown oil indicates copper plating caused by moisture in the system.
- Grey or metallic oil indicates bearing wear or piston scoring. Piston scoring may be attributed to high head pressures caused by system moisture.

The presence of system moisture is detrimental to component service life and system reliability. When combined with refrigerant, moisture will result in the development of hydrochloric or hydrofluoric acid and attack (etch) metal surfaces in the refrigerant circuit.

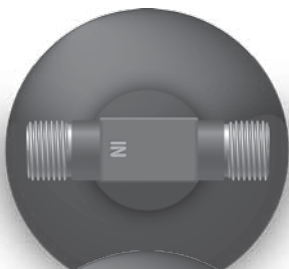


CLIMATRANS INC.

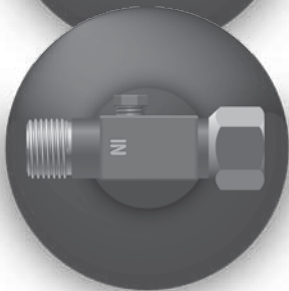
www.climatrans.com

Eastern Canada

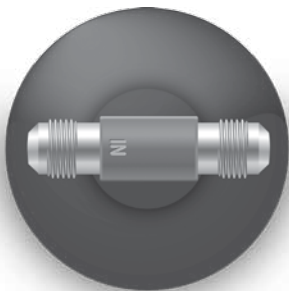
IDENTIFICATION GUIDE



O-Ring
Male / Male



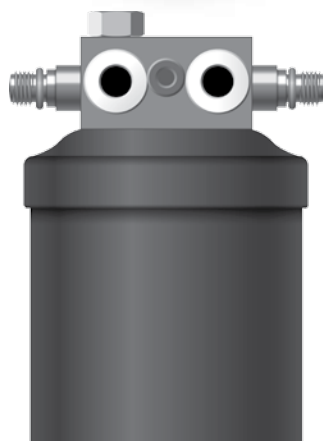
O-Ring
Male / Female



Flare
Male / Male



Quick Disconnect
Male / Male



Slimline Manifold Block
Male / Male
With two Schrader valve charge ports

Components in an air conditioning system require a clean, non-corrosive environment. Moisture is corrosive to air conditioner system components and must be eliminated for efficient a/c system operation. Any time the a/c system is opened, the receiver drier (or accumulator and orifice tube) needs to be replaced. A good preventative maintenance practice is to replace the receiver drier or the accumulator / orifice tube at regular intervals. See the **Preventive Maintenance Guide** at the beginning of the Reference Section in the back of this catalog.

Receiver driers have a variety of maintenance components that may be installed to assist with receiver drier operation. Typically not all will be installed on a given unit. See the following pages that detail receiver drier features.

A. Moisture Indicator

Contains a litmus paper device which turns colors to designate the condition of the refrigerant;

- Blue** = normal;
- Pink** = moisture in the system;
- White** = very wet;
- Gray** = oil contamination

B. Pressure Relief Valve

A protection device designed to open and "bleed off" excessive pressure.

C. Fuse Plug

A fuse plug is a bi-metal device that melts down to release excessive pressure.

D. Sightglass

A "window" for observing the condition of the refrigerant.

E. Schrader Valve / M-10 Valve

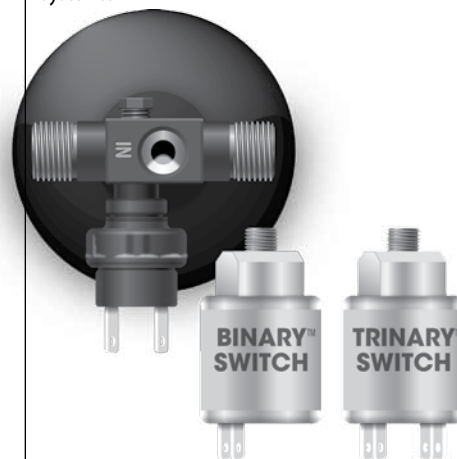
A gauge or charge port that allows access to the system for checking and charging

refrigerant pressures.

Low / High Pressure Switches

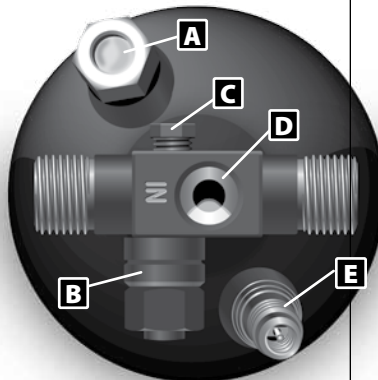
A switch port allows for a male or female pressure switch to be added to the drier. The first function prevents the compressor from operating if the system charge is lost or ambient temperature is too low. The second stops the compressor if head pressure increases to unsafe levels. It automatically resets when pressure drops back to normal. A Binary Switch™ assembly performs both the above functions. Install Binary on liquid side of A/C system between condenser and expansion valve, for use with R-12 and R-134a.

A Trinary Switch™ switch assembly performs both functions detailed above. The third function is a shutter/fan override switch that keeps head pressure within normal range by opening shutters or operating engine fan to increase air flow across condenser when head pressure rises above set valve. A Trinary switch is also installed on the liquid side of a/c system between condenser and expansion valve. For use with R-12 and R-134a systems.



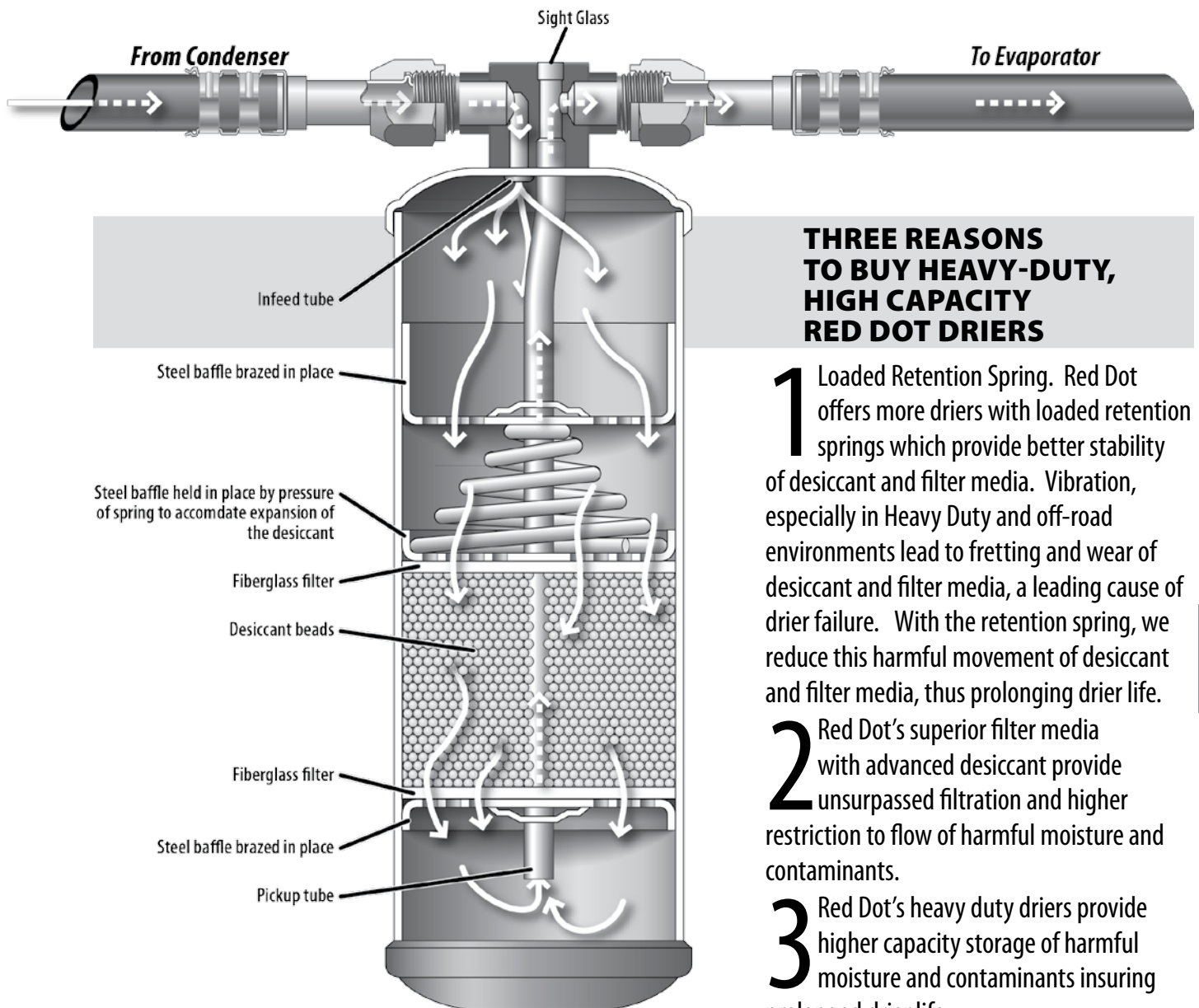
Maintenance Components

Shown on an O-Ring receiver drier with male / male connections. Not all receiver driers will have all these components; they may be combined in a wide variety of ways.



- A** Moisture Indicator
- B** High Pressure Relief Valve
- C** Fuse Plug
- D** Sight Glass
- E** Schrader Charge / Gauge Port

CUT-AWAY



**THREE REASONS
TO BUY HEAVY-DUTY,
HIGH CAPACITY
RED DOT DRIERS**

1 Loaded Retention Spring. Red Dot offers more driers with loaded retention springs which provide better stability of desiccant and filter media. Vibration, especially in Heavy Duty and off-road environments lead to fretting and wear of desiccant and filter media, a leading cause of drier failure. With the retention spring, we reduce this harmful movement of desiccant and filter media, thus prolonging drier life.

2 Red Dot's superior filter media with advanced desiccant provide unsurpassed filtration and higher restriction to flow of harmful moisture and contaminants.

3 Red Dot's heavy duty driers provide higher capacity storage of harmful moisture and contaminants insuring prolonged drier life.



Receiver Driers are used on most heavy-duty air conditioning installations. It is mounted between the condenser and the expansion valve. It is composed of a tank, a filter, a drying agent (desiccant) and a pickup tube. An alternative device, commonly used on automobiles, is an Accumulator. Red Dot sells a variety of these. You will find them listed at the following our selection of Receiver Driers.

A receiver Drier serves two principle functions.

- 1 Storage Tank-** The Receiver Drier receives liquid refrigerant from the condenser, caching it until it is needed by the evaporator.
- 2 Refrigerant Drier-** The Receiver Drier contains a drying agent that absorbs moisture that may have accumulated in the liquid refrigerant. This drying agent, called desiccant, is usually in the form of beads of silica gel. Moisture is extremely harmful to air conditioning components.

The Receiver Drier's operation is very simple. As shown in the illustration, the liquid refrigerant enters the top chamber. It flows through a fiberglass filter pad (which also serves to hold the desiccant in place), then through the desiccant which removes any moisture in the refrigerant. It then flows through a second filter pad until it exits the Receiver Drier through the pickup tube at the bottom. The spring on the top of the desiccant chamber serves to give the desiccant room to expand as it absorbs the unwanted moisture.

74R SERIES

RECEIVER DRIERS SPECIFICATIONS

Listed in ascending order by **Diameter x Height x Fitting Type** and **Size**

Dia.	Height	Fitting Size	High Capacity	Fuse/ Press. Relief	Switch Port	Red Dot Part No.	Factory No.
2 ½	6 ¾	#6 - #8 Male O-Ring In-Line		—	—	74R0450	RD-5-4947-0P
2 ½	7 ¼	#6 Male O-Ring		—	Side	74R1106	RD-5-7559-0P
2 ½	7 ¼	#6 Male O-Ring		—	Side	74R1107	RD-5-7559-1P
2 ½	8	#6 Male O-Ring		Fuse	Side	74R0906	RD-5-4950-0P
2 ½	9 ¾	#6 Male O-Ring In Line	X	—	—	74R0460	RD-5-7064-0P
2 ½	13 ¾	Quick Disconnect In Line		—	—	74R0470	RD-5-8605-0P
2 ¾	9 ¾	#6 Male O-Ring	X	Trin. Sw/Press Rel.	Side	74R1906 *	RD-5-4632-1P
2 ¾	9 ¾	#6 Male O-Ring	X	Trin. Sw/Press Rel.	Side	74R1956 *	RD-5-4632-0P
2 ¾	10	#6 Male O-Ring	X	Press. Relief	Top	74R1706	RD-5-3593-1P
2 ¾	10	#6 Male O-Ring	X	Press. Relief	Side	74R1756	RD-5-3593-0P
2 ¾	10	#6 Male O-Ring	X	Press. Relief	Side	74R1866	RD-5-7063-0P
2 ¾	10	#6 Male O-Ring (Schrader Port)	X	Press. Relief	Top	74R1806	RD-5-5571-0P
2 ¾	10	#6 Male O-Ring	X	L Press/Press Rel	Side	74R2106 **	RD-4160-1P
2 ¾	10	#6 Male O-Ring		Bin. Sw/Fuse	Top	74R1836 †	RD-5-9455-0P
2 ¾	10	#6 Male O-Ring		Trin. Sw/Fuse	Top	74R1846 *	RD-5-6575-0P
2 ¾	10	#6 Male O-Ring (Schrader Port)	X	Press. Relief	Side	74R1856	RD-5-5572-0P
2 ¾	10 ½	#6 Male O-Ring	X	Press. Relief	Top	74R1826	RD-5-7062-1P
2 ¾	10 ½	#6 Male O-Ring	X	Press. Relief	Top	74R3466	RD-5-6567-2P
3	6	#6 Male O-Ring	X	Bin. Sw/Press Rel.	Side	74R2586 †	RD-5-4727-0P
3	6	#6 Male O-Ring	X	Trin. Sw/Press Rel.	Side	74R2596 *	RD-5-4727-1P
3	6 ¼	#6 Male O-Ring	X	Press. Relief	Side	74R2546 ††	RD-5-7272-0P
3	6 ¼	#6 Male O-Ring	X	Press. Relief	Side	74R2547 ††	RD-5-7272-1P
3	6 ¼	#6 Male O-Ring (No Ports)	X	—	—	74R2576	RD-5-7061-0P
3	6 ¼	#6 Male O-Ring (Schrader Port)	X	Press. Relief	Side	74R2536	RD-5-7061-1P
3	6 ¼	#6 Male O-Ring	X	Press. Relief	Side	74R2526	RD-5-7061-2P
3	6 ¼	#6 Male O-Ring	X	Press. Relief	—	74R2590 ††	RD-5-9419-0P
3	7 ¾	#6 Male O-Ring (Schrader Port)	X	—	—	74R2676 ††	RD-5-9515-0P
3	8 ¼	#6 Male O-Ring (Schrader Port)	X	—	Side	77R2687	RD-5-10591-0P
3	8 ¼	#6 Male O-Ring	X	Press Relief	Top	74R2606 ††	RD-5-5583-0P
3	8 ¼	#6 Male O-Ring, 2 Schrader Ports		—	2 Top	77R2616	RD-5-10777-0P
3	8 ¼	#6 Male O-Ring Inlet - #6 Female O-Ring Outlet		Press Relief	2 Top	74R3156 ††	RD-5-10735-0P
3	8 ¾	#6 Male O-Ring	X	Fuse	Top	74R2607	RD-5-10582-0P
3	8 ¾	#6 Male O-Ring	X	Press Relief	Top	74R2608	RD-5-11192-0P
3	8 ¾	#6 Male O-R - #6 Female O-R (2 Schrader Ports)	X	Press Relief	Top	74R2667	RD-5-10583-0P
3	8 ¾	#6 Male O-R - #6 Female O-R (2 Schrader Ports)	X	Press Relief	Top	74R2668	RD-5-11193-0P
3	8 ½	#6 Male O-Ring		Press Relief	Top	74R2706	RD-5-4955-0P
3	9	#6 Male O-Ring		Press Relief	—	74R2800	RD-5-9389-0P
3	9	#6 Male O-Ring		—	—	74R1426 ††	RD-5-10743-0P
3	9	#6 Male O-Ring		—	—	74R1427 ††	RD-5-11531-0P
3	9	#6 Male O-Ring		Press Relief	—	74R2802	RD-5-11183-0P
3	9	#6 Male O-Ring		Press Relief	—	74R3064 ††	RD-5-10348-0P
3	9 ¼	#6 Male O-Ring		Press. Relief	—	74R1406 ††	RD-5-10742-0P
3	9 ¼	#6 Male O-Ring		Press. Relief	—	74R1407 ††	RD-5-11532-0P
3	9 ¼	#6 Male O-Ring (Schrader Port)		Fuse	Side	74R3066	RD-5-5589-0P
3	9 ¼	#6 Male O-Ring	X	Press. Relief	Top	74R3106 ††	RD-5-9789-0P
3	9 ¼	#6 Male O-Ring	X	Press. Relief	Top	74R3107 ††	RD-5-11533-0P
3	9 ¼	#6 Male O-Ring	X	Press. Relief	Side	74R3346 ††	RD-5-8240-0P
3	9 ½	#6 Male O-Ring		Press. Relief	—	74R1436 ††	RD-5-10744-0P
3	9 ¾	1 ¼ Female O-Ring In x ¾ Female O-Ring Out		Press. Relief	Top	74R3455	RD-5-12757-0P
3	9 ¾	#6 Male O-Ring In, #6 Female O-Ring Out		Press. Relief	Side	74R3146 	RD-5-7355-0P use 1 RD-5-
10584-0P							
3	9 ¾	#6 Male O-Ring In, #6 Female O-Ring Out	X	Press. Relief	Side	74R3147	RD-5-10584-0P



* With Trinary™ Switch ** With Low Pressure Switch † With Binary™ Switch †† With Moisture Indicator ‡ 2 Schraders ‡‡ Schrader

Fitting Conversion: #6 = 3/8" #8 = 1/2" #10 = 5/8" #12 = 3/4"

RECEIVER DRIERS SPECIFICATIONS

Dia.	Height	Fitting Size	High Capacity	Fuse/ Press. Relief	Switch Port	Red Dot Part No.	Factory No.
3	9 3/4	#6 Male O-Ring In - #6 Female O-Ring Out	X	Press Relief	Side	74R3070	RD-5-9440-OP
3	10	#6 Male O-Ring	X	Fuse	Side	74R3136 ††	RD-5-7517-OP
3	10	#6 Male O-Ring	X	Fuse	Side	74R3137 ††	RD-5-11185-OP
3	10	#6 Female O-Ring In - #6 Male O-Ring Out	X	—	—	74R3356 ††	RD-5-8254-OP
3	10	#6 Female O-Ring In - #6 Male O-Ring Out	X	—	—	74R3357 ††	RD-5-11184-OP
3	10	#6 Male O-Ring (Schrader Port)	X	Fuse	—	74R3370 †† 74R2306	RD-5-9786-OP use RD-5-6504-OP
3	10	#6 Male O-Ring		Fuse	Top	74R2306 ††	RD-5-6504-OP
3	10	#6 Male O-Ring (Schrader Port), 1/4" male flare	X	Fuse, 1/4" port	Side	74R3376 ††	RD-5-7517-1P
3	10	#6 Male O-Ring (Schrader Port), 1/4" male flare	X	Fuse, 1/4" port	Side	74R3377 ††	RD-5-11186-OP
3	10	#6 Male O-Ring, Male Metric Schrader with Male 10 x 1.25mm threads	X	Press. Relief	Side	74R3076 ††	RD-5-8241-OP
3	10	#6 Male O-Ring, Male Metric Schrader with Male 10 x 1.25mm threads	X	Press. Relief	Side	74R3077 ††	RD-5-11534-OP
3	10	#6 Male O-Ring		—	—	74R3306	RD-5-4834-OP
3	10	#6 Male O-Ring In - #6 Female O-Ring Out	X	Press. Relief	2 Top Metric	74R3330	RD-5-10586-OP
3	10	#6 Male O-Ring In - #6 Female O-Ring Out	X	Press. Relief	2 Top Metric	74R3331	RD-5-11196-OP
3	10	#6 Male O-Ring Inlet - #6 Female O-Ring Outlet, 2) M10 x 1.25mm Schrader Valves	X	—	—	74R3327	RD-5-10944-OP
3	10	#6 Male O-Ring Inlet - #6 Female O-Ring Outlet, 2) M10 x 1.25mm Schrader Valves	X	—	—	74R3328	RD-5-11188-OP
3	10	1 1/8" Female O-Ring In X #6 Female O-Ring Out		Press. Relief	—	74R3450	RD-5-4959-OP
3	10	Quick Disconnect, 2) 1/4" Schrader valves	X	—	2 Top	74R3310 †† LS 74R3311	RD-5-8008-OP use RD-5-10585-OP
3	10	Quick Disconnect, 2) 1/4" Schrader valves	X	—	2 Top	74R3309	RD-5-11195-OP
3	10	Quick Disconnect, 2) 1/4" Schrader valves	X	—	2 Top	74R3311	RD-5-10585-OP
3	10	Quick Disconnect, 2) 1/4" Schrader valves	X	Press Relief	2 Top	74R3313 ††	RD-5-10729-OP
3	10	Quick Disconnect	X	Press Relief	Side	74R3319 ††	RD-5-10741-OP
3	10	Quick Disconnect, 2) 1/4" Schrader valves	X	Press Relief	2 Top	74R3315	RD-5-10940-OP
3	10	Quick Disconnect, 2) 1/4" Schrader valves	X	Press Relief	2 Top	74R3317	RD-5-11190-OP
3	10	Quick Disconnect, 2) M10 Schrader valves	X	—	2 Top Metric	74R3321	RD-5-10941-OP
3	10	Quick Disconnect, 2) 7/16" Schrader valves	X	Press Relief	2 Top	74R3321	RD-5-10941-OP
3	10	Quick Disconnect, 2) 7/16" Schrader valves	X	Press Relief	2 Top	74R3323	RD-5-11189-OP
3	10 1/8	#6 Male O-Ring In - #6 Female O-Ring Out	X	Press. Relief		74R3336 ††	RD-5-7292-OP
3	10 1/4	#6 Male O-Ring	X	Press. Relief	Top	74R3120	RD-5-10589-OP
3	10 1/4	#6 Male O-Ring	X	Press. Relief	Top	74R3121	RD-5-10589-1P
3	10 1/4	#6 Male O-Ring		—	—	74R3316 ††	RD-5-6422-OP
3	10 1/4	#6 Male O-Ring	X	Press Relief	Top	74R3322 ††	RD-5-6768-1P
3	10 1/4	#6 Male O-Ring	X	Press Relief	Top	74R3324 ††	RD-5-11535-OP
3	10 1/2	1 1/8" Female O-Ring In x #8 Female O-Ring Out	X	Press. Relief	Side	74R3476	RD-5-7563-OP
3	10 1/2	Pad Mount, #6 Slim Line Conn, #0126 Seal		Fuse	Side ††M10	74R3127	RD-5-10939-OP
3	10 1/2	Pad Mount, #6 Slim Line Conn, #0126 Seal		Fuse	Side ††M10	74R3129	RD-5-11522-OP
3	10 11/16	Flange style, Slim Line manifold block	X	—	—	74R2001	RD-5-10434-OP
4	6 3/4	#6 Male O-Ring (Top & Side)		Fuse	—	74R4006	RD-5-6075-OP
4	6 3/4	#6 Male Flare (Top & Side)		Fuse	—	74R4016	RD-5-6077-OP
4	7 1/2	#6 Male O-Ring	X	Fuse	Side	74R3536 ††	RD-5-7565-OP
4	7 3/4	#6 Fem O-Ring In - #6 Male O-Ring Out (top-bottom)		—	—	74R4026 ††	RD-5-11028-OP
4	7 3/4	#6 Male O-Ring w low side press switch		L Pr/Press. Relief	Side	74R3516 ***††	RD-5-5955-OP
4	7 7/8	#6 Quick Disconnect w low side press switch		L Pr/Press. Relief	—	74R3526 ***††	RD-5-7564-OP
4	7 7/8	#6 Female O-Ring - #6 Male O-Ring In Line		—	—	74R0400	RD-5-8862-OP
4	8	#6 Fem O-Ring In x #6 Male O-Ring Out In Line		—	Side	74R4116	RD-5-6076-OP
4	9	#6 Female O-Ring In; #6 Male O-Ring Out		—	—	74R4206 ††	RD-5-9055--OP



LS = Limited to stock on hand

Fitting Conversion: **#6** = 3/8" **#8** = 1/2" **#10** = 5/8" **#12** = 3/4"

74R SERIES

RECEIVER DRIERS

→ Refrigerant flow is from left to right →

INLINE FILTERS

74R0400

RD-5-8862-0P

4" diameter x 7 7/8" long
#6 Female O-Ring - #6 Male O-Ring
Dual Sight Glass



74R0460

RD-5-7064-0P

2 1/2" diameter x 9 9/16" long
#6 Male O-Ring In Line
High Capacity



74R0450

RD-5-4947-0P

2 1/2" diameter x 6 5/8" long
#6 - #8 Male O-Ring In-Line
No Port
No Glass



74R0470

RD-5-8605-0P

2 1/2" diameter x 13 7/8" long
Quick Disconnect - No Port



RECEIVER DRIERS

→ Refrigerant flow is from left to right →

74R0906

RD-5-4950-0P

2 1/2" diameter x 8" long Freightliner A22-14425-001
#6 Male O-Ring IHC/Navistar 1691709-C91
Fuse
Side Port



74R1406 OEM

RD-5-10742-0P

74R1407 STANDARD

RD-5-11532-0P

Includes Moisture Indicator
3" diameter x 9 1/4" long
#6 Male O-Ring
Pressure Relief

Volvo 807261



74R1436

RD-5-10744-0P

3" diameter x 9 1/2" long
#6 Male O-Ring
Includes
Moisture Indicator
Pressure Relief

Volvo 20407203



74R1106 OEM

RD-5-7559-0P

2 1/2" diameter x 7 1/16" long Terex, Caterpillar
#6 Male O-Ring 088273-00
Side Port



74R1426 OEM

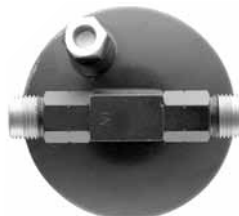
RD-5-10743-0P

74R1427 STANDARD

RD-5-11531-0P

3" diameter x 9" long
#6 Male O-Ring

Volvo VN Series
OE#20447319



74R1706

RD-5-3593-1P

2 3/4" diameter x 10" long IHC Navistar 1676651-C1
#6 Male O-Ring Kenworth 402566
High Capacity
Pressure Relief-Side
3/8" - 24 Switch
Port-Top



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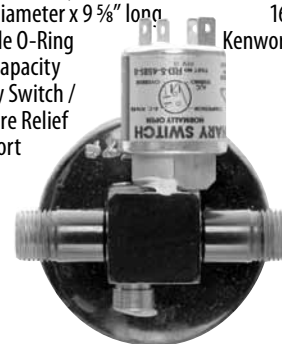
74R1756 RD-5-3593-0P
2 3/4" diameter x 10" long
#6 Male O-Ring
High Capacity
Pressure Relief
Side Port



74R1846 RD-5-6575-0P
Includes Trinary™ Switch
2 3/4" diameter x 10" long
#6 Male O-Ring
Fuse
Top Port



74R1956 RD-5-4632-0P
Includes Trinary™ Switch-Side
2 3/4" diameter x 9 5/8" long
#6 Male O-Ring
High Capacity
Trinary Switch /
Pressure Relief
Side Port



74R1806 RD-5-5571-0P
2 3/4" diameter x 10" long
#6 Male O-Ring Schrader Port
High Capacity
Pressure Relief
Top Port



74R1856 RD-5-5572-0P
2 3/4" diameter x 10" long
#6 Male O-Ring Schrader Port
High Capacity
Pressure Relief
Side Port



74R2001 RD-5-10434-0P
3" diameter x 10 1/16" long
Flange Type,
Slimline Manifold Block
High Capacity



74R1826 RD-5-7062-1P
2 3/4" x 10 5/16" long
#6 Male O-Ring
High Capacity
Pressure Relief
Top Port



74R1866 RD-5-7063-0P
2 3/4" diameter x 10" long
#6 Male O-Ring
High Capacity
Pressure Relief
Side Port



74R2106 RD-4160-1P
Includes Low Pressure Switch
2 3/4" diameter x 10" long
#6 Male O-Ring
High Capacity
Low Pressure /
Pressure Relief
Side Port



74R1836 RD-5-9455-0P
2 3/4" diameter x 10" long
#6 Male O-Ring
Includes Binary Switch
Fuse
Top Port



74R1906 RD-5-4632-1P
Includes Trinary™ Switch-Top
2 3/4" diameter x 9 5/8" long
#6 Male O-Ring
High Capacity
Trinary Switch /
Pressure Relief
Side Port



74R2306 RD-5-6504-1P
Includes Moisture Indicator
3" diameter x 10" long
#6 Male O-Ring
Fuse
Top Port



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RECEIVER DRIERS

→ Refrigerant flow is from left to right →

74R2526

RD-5-7061-2P

3" diameter x 6 1/4" long Kenworth OE#K251-566
#6 Male O-Ring
High Capacity
Pressure Relief
Side Port



74R2586

RD-5-4727-0P

Includes Binary™ Switch John Deere
3" diameter x 6" long
#6 Male O-Ring
High Capacity
Pressure Relief
Side Port



74R2607 OEM

RD-5-10582-0P

74R2608 STANDARD

RD-5-11192-0P

3" diameter x 8 3/8" long Freightliner 088193-003
#6 Male O-Ring
High Capacity
Fuse



74R2536

RD-5-7061-1P

3" diameter x 6 1/4" long
#6 Male O-Ring
Schrader Port
High Capacity
Pressure Relief



74R2590

RD-5-9419-0P

Includes Moisture Indicator
3" diameter x 6 1/4" long
#6 Male O-Ring
High Capacity
Pressure Relief
No Port



74R2616

RD-5-10777-0P

3" diameter x 8 1/4" long Peterbilt 18-03619
#6 Male O-Ring
Two Schrader Ports



74R2546

RD-5-7272-0P

Includes Moisture Indicator Mack 221RD32
3" diameter x 6 1/4" long
#6 Male O-Ring
High Capacity
Pressure Relief
Side Port



74R2596

RD-5-4727-1P

Includes Trinary™ Switch
3" diameter x 6" long
#6 Male O-Ring
High Capacity
Pressure Relief
Side Port



74R2667 OEM

RD-5-10583-0P

74R2668 STANDARD

RD-5-11193-0P

3" diameter x 8 3/8" long Peterbilt 18-03783
#6 Male O-Ring
#6 Female O-Ring,
2 Schrader Ports
High Capacity
Pressure Relief
Top Port



74R2576

RD-5-7061-0P

3" diameter x 6 1/4" long IHC/Navistar 1691604-C1
#6 Male O-Ring
(No Ports)
High Capacity
No Port
No Glass



74R2606

RD-5-5583-0P

Includes Moisture Indicator Freightliner
3" diameter x 8 1/4" long
#6 Male O-Ring
High Capacity
Pressure Relief
Top Port



74R2676

RD-5-9515-0P

Includes Moisture Indicator Western Star 176243,
3" diameter x 7 3/4" long 61506-3402-000
#6 Male O-Ring
Schrader Port
High Capacity



Fitting Conversion: #6 = 3/8" #8 = 1/2" #10 = 5/8" #12 = 3/4"

74R SERIES

RECEIVER DRIERS

→ Refrigerant flow is from left to right →

74R2687 RD-5-10591-0P

3" diameter x 8 1/4" long Western Star 61506-3402
#6 Male O-Ring
Schrader Port
High Capacity
Side Port



74R3064 RD-5-10348-0P

Includes Moisture Indicator Volvo 20407205,
3" diameter x 9" long 088492-01, 8078261
#6 Male O-Ring
Press Relief



74R3106 OEM RD-5-9789-0P

74R3107 STANDARD RD-5-11533-0P

Includes Moisture Indicator Volvo 39347181,
3" diameter x 9 1/4" long 20407203
#6 Male O-Ring
High Capacity
Pressure Relief
Top Port



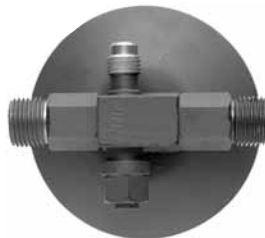
74R2706 RD-5-4955-0P

3" diameter x 8 1/2" long IHC/Navistar 1676663-C1
#6 Male O-Ring
Pressure Relief
Top Port



74R3066 RD-5-5589-0P

3" diameter x 9 1/4" long
#6 Male O-Ring
Schrader Port
Fuse
Side Port



74R3120 OEM RD-5-10589-0P

74R3126 STANDARD RD-5-10589-1P

Includes Moisture Indicator Freightliner 088539-00
3" diameter x 10 1/4" long
#6 Male O-Ring
High Capacity
Pressure Relief
Top Port



74R2800 RD-5-9389-0P

3" diameter x 9" long Mack 7753-08836001
#6 Male O-Ring
Pressure Relief



74R3070 RD-5-9440-0P

3" diameter x 9 3/4" long Freightliner 088539-00
#6 Male O-Ring In
#6 High Capacity Female O-Ring Out
Pressure Relief Valve
Side Port



74R3127 OEM RD-5-10939-0P

74R3129 STANDARD RD-5-11522-0P

3" diameter x 10 1/2" long Freightliner PH088446-00
Pad Mount,
#6 Slimline Connection
Two Schraders
Side Port, M10
Fuse



74R2802 RD-5-11183-0P

3" diameter x 9" long AGCO 0256818-6
#6 Male O-Ring
Pressure Relief



74R3076 OEM RD-5-8241-0P

74R3077 STANDARD RD-5-11534-0P

3" diameter x 10" long Mack 088294-01, 02,
with Moisture Indicator 221RD335
#6 Male O-Ring
Male Metric Schrader
with Male 10 X
1.25mm Threads
High Capacity
Pressure Relief
Side Port



74R3136 OEM RD-5-7517-0P

74R3137 STANDARD RD-5-11185-0P

Includes Moisture Indicator Western Star 176243,
3" diameter x 10" long 61506-3402
#6 Male O-Ring
High Capacity
Fuse
Side Port



Fitting Conversion: #6 = 3/8" #8 = 1/2" #10 = 5/8" #12 = 3/4"

74R SERIES

RECEIVER DRIERS

→ Refrigerant flow is from left to right →

74R3147 OEM RD-5-10584-0P

74R3148 STANDARD RD-5-11194-0P

3" diameter x 9 3/4" long
#6 Male O-Ring Inlet,
#6 Female O-Ring Outlet
2 Schrader Ports
Pressure Relief
Side Port



74R3156 RD-5-10735-0P

Includes Moisture Indicator Peterbilt 18-03783,
3" diameter x 8 1/4" long 18-03076
#6 Male O-Ring Inlet,
#6 Female O-Ring Outlet
2 Schrader Ports
Pressure Relief
Top Port (2)



74R3306 RD-5-4834-0P

3" diameter x 10" long
#6 Male O-Ring
No Port



74R3310 LS RD-5-8008-0P

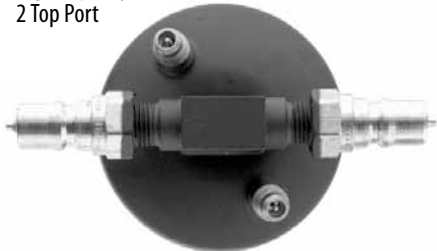
3" diameter x 10" long - Includes Moisture Indicator
#6 Male O-Ring Inlet
2 Schrader Ports 10 x 1.25mm
#6 Female O-Ring Outlet, Quick Disconnect
2 Top Port



74R3311 OEM RD-5-10585-0P

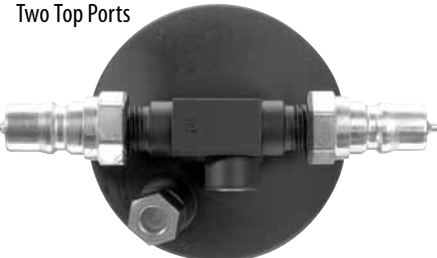
74R3309 STANDARD RD-5-11195-0P

3" diameter x 10" long - Quick Disconnect
High Capacity - 2 1/4" Schrader Ports, 10 x 1.25mm
2 Top Port



74R3313 RD-5-10729-0P

Includes Moisture Indicator Kenworth JA2035
3" diameter x 10" long
Quick Disconnect - High Capacity
Pressure Relief - 1/4" Schrader Port
Two Top Ports



74R3315 OEM RD-5-10940-0P

74R3317 STANDARD RD-5-11190-0P

3" diameter x 10" long Freightliner 319510, 088537-00
Quick Disconnect - two 1/4" Schrader Valves
High Capacity
Pressure Relief
Two Top Ports



74R3319 RD-5-10741-0P

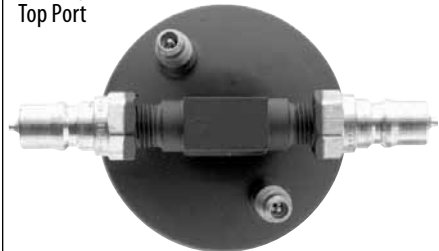
Includes Moisture Indicator IHC Navistar 2004050C1
3" diameter x 10" long
Quick Disconnect - High Capacity
Pressure Relief
Side Port



74R3321 OEM RD-5-10941-0P

74R3323 STANDARD RD-5-11189-0P

3" diameter x 10" long - Quick Disconnect
Two Top Metric Ports - two 3/4" Schrader Valves
Top Port



74R3322 OEM RD-5-6768-1P

Includes Moisture Indicator Ford 9827050
3" diameter x 10 1/4" long
#6 Male O-Ring
High Capacity
Press Relief
Top Port



74R3327 OEM RD-5-10944-0P

74R3328 STANDARD RD-5-11188-0P

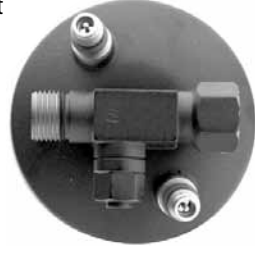
3" diameter x 10" long 088397-01
#6 Male O-Ring Inlet
#6 Female O-Ring Outlet,
2 M10 Schrader Valves
High Capacity



74R3330 OEM RD-5-10586-0P

74R3331 STANDARD RD-5-11196-0P

3" diameter x 10" long Freightliner 088337-00
#6 Male O-Ring Inlet
#6 Female O-Ring Out
High Capacity
Pressure Relief
Two Top Metric Ports



LS = Limited to stock on hand

Fitting Conversion: #6 = 3/8" #8 = 1/2" #10 = 5/8" #12 = 3/4"

74R SERIES

RECEIVER DRIERS

→ Refrigerant flow is from left to right →

74R3336 RD-5-7292-0P

Includes Moisture Indicator
3" diameter x 10 1/8" long
#6 Male O-Ring Inlet
#6 Female O-Ring Out
High Capacity
Pressure Relief



74R3450 RD-5-4959-0P

3" diameter x 10" long Volvo 3949280, 8086753
1 1/8" Female O-Ring Inlet
5/8" Female O-Ring Outlet
Pressure Relief
No Port



74R3516 RD-5-5955-0P

Includes Low Pressure Switch & Moisture Indicator
4" diameter x 7 3/4" long
#6 Male O-Ring
Pressure Relief –
Side Port
VME 088209-02,
106-5534, 5V5698



74R3346 RD-5-8240-0P

Includes Moisture Indicator Mack 221RD312, 333
3" diameter x 9 1/4" long
#6 Male O-Ring
High Capacity
Pressure Relief
Side Port



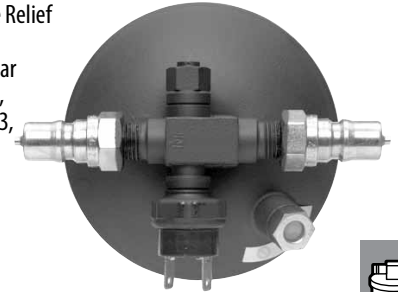
74R3455 RD-5-12757-0P

3" diameter x 9 1/8" long IHC/Navistar
1682171-C1, 2000821-C1
1 1/8" Female O-Ring Inlet
5/8" Female O-Ring Outlet
Pressure Relief
R-134a Charge Port



74R3526 RD-5-7564-0P

Includes Low Pressure Switch & Moisture Indicator
4" diameter x 7 7/8" long
#6 Quick Disconnect
Pressure Relief
No Port
Caterpillar
06-5532,
106-5533,
8T8642,
9W0549



74R3356 OEM RD-5-8254-0P

74R3357 STANDARD RD-5-11184-0P

Includes Moisture Indicator Kenworth K251-571
3" diameter x 10" long
#6 Female O-Ring Inlet
#6 Male O-Ring Outlet
High Capacity



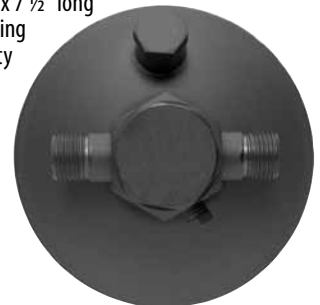
74R3466 RD-5-6567-2P

2 3/4" diameter x 10 5/8" long Mack 4379-RD565672
#6 Male O-Ring
High Capacity
Pressure Relief
Top Port



74R3536 RD-5-7565-0P

Includes Moisture Indicator Ford 696524
4" diameter x 7 1/2" long
#6 Male O-Ring
High Capacity
Fuse
Side Port



74R3376 OEM RD-5-7517-1P

74R3377 STANDARD RD-5-11186-0P

Includes moisture indicator Western Star 61506-3406
3" diameter x 10" long
#6 Male O-Ring
(Schrader Ports)
High Capacity
Fuse
Side Port



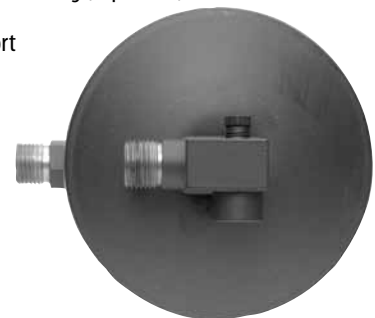
74R3476 OEM RD-5-7563-0P

3" diameter x 10 1/2" IHC / Navistar 1693117-C1
1 1/8" Female O-Ring In, t
#8 Female O-Ring Out
High Capacity
Pressure Relief
Side Port



74R4006 RD-5-6075-0P

4" diameter x 6 3/4" long IHC/Navistar 118304-C1,
#6 Male O-Ring (Top & Side) 118418-C1
Fuse
No Port



74R SERIES

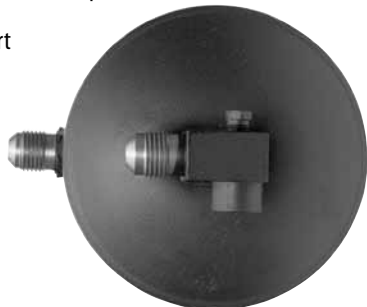
RECEIVER DRIERS

→ Refrigerant flow is from left to right →

74R4016

RD-5-6077-0P

4" diameter x 6 3/4" long IHC/Navistar 539049-R91
#6 Male Flare (Top & Side)
Fuse
No Port



74R4026

RD-5-11028-0P

Includes Moisture Indicator
4" diameter x 7 3/4" long
#6 Female O-Ring Out;
#6 Male O-Ring In

Ford 143469-C2



74R4206

RD-5-9055-0P

Includes Moisture Indicator John Deere AH114865,
4" diameter x 9" long AT125596, AT151981,
AT162848, AT63170
#6 Female O-Ring In; #6 Male O-Ring Out



74R4116

RD-5-6076-0P

4" diameter x 8" long
#6 Female O-Ring In; #6 Male O-Ring Out
Side Port
John Deere Applications



Fitting Conversion: #6 = 3/8" #8 = 1/2" #10 = 5/8" #12 = 3/4"

SIGHT GLASS MOISTURE INDICATOR

The easy to see element in this sight glass changes from blue to pink when it is time to change your Receiver Drier. (After installing a new drier indicator returns to blue.)

70R3500

RD-5-4903-0P

#6 (5/8 - 18 UNF-2A) Male O-Ring to #6 (5/8 - 18 UNF-2B) O-Ring, Female Swivel Nut
With high pressure relief valve (opens 450-550 psi; reseals before 400 psi & Gage port 7/16 - 020 UNF-2A thread Schrader valve



70R3530

RD-5-7071-0P

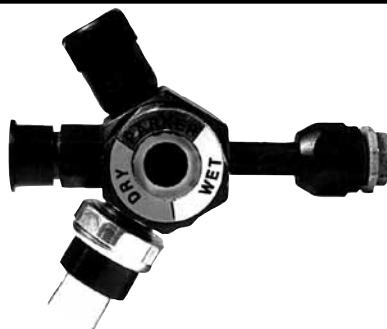
#6 (5/8 - 18 UNF-2A) Male O-Ring to #6 (5/8 - 18 UNF-2B) O-Ring, Female Swivel Nut
With high pressure relief valve (opens 450-550 psi; reseals before 400 psi & Gage port 7/16 - 020 UNF-2A thread Schrader valve



70R3550

RD-5-4904-0P

#6 (5/8 - 18 UNF-2A) O-Ring to #6 (5/8 - 18 UNF-2B) O-Ring, Female Swivel Nut with low pressure switch & high pressure relief valve (#6 O-Ring)



70R3590

RD-5-4813-0P

90° #6 (5/8 - 18 UNF-2A) O-Ring to #6 (5/8 - 18 UNF-2B) O-Ring, Female Swivel Nut
With pressure sensing switch & Gage port, 1/4 SAE Flare Schrader



RECEIVER DRIER ACCESSORIES

74R7210

RD-3-3454-0P

Receiver Drier Bracket



74R7220

RD-4220-0P

Receiver Drier Bracket



74R8006

RD-5-7570-0M

Fitting Adapter Assembly
#6 Adaptor to #5 Metric Fitting—



74R SERIES

ACCUMULATORS

Listed in ascending order by **Diameter x Length x Fitting Type** and **Size**

Dia.	Length	Inlet Type	Size	Outlet Type	Size	Red Dot Part No	Red Dot Factory No	OEM No.	Description
3 1/2"	8"	Male Insert O Ring	5/8" #10	Male Insert O Ring	3/4" #12	74R5095	RD-5-11546-0P	4C4H19808-AA, F6HZ-19C836A	Fits Ford, Sterling
3 1/2"	8"	Female O Ring	3/4" #12	Female O Ring	3/4" #12	74R5050	RD-5-4961-0P	849748, 15-1274	2) R-12 Ports, Fits GM & Peterbilt
3 1/2"	8 5/64"	Male Insert O Ring	5/8" #10	Male Insert O Ring	5/8" #10	74R5093	RD-5-10201-0P	089235-000	
3 1/2"	8 1/2"	Female O Ring	5/8" #10	Female Insert O Ring	3/4" #12	74R5075 LS	RD-5-10459-0P	F9UZ-19C1836AB	Fits Ford
3 1/2"	8 1/2"	Spring Lock		Pad Mount		74R5083 LS	RD-5-10463-0P	XL3Z-19C836AA	Fits Ford
3 1/2"	8 1/2"	Spring Lock		Pad Mount		74R5087	RD-5-10465-0P	XL3Z-19C836BA	Fits Ford
3 1/2"	8 3/4"	Male Spring Lock	5/8" #10	Male Spring Lock	5/8" #10	74R5065	RD-5-10454-0P	YF 1747	Fits Ford
3 1/2"	8 3/4"	Male Spring Lock	5/8" #10	Male Spring Lock	5/8" #10	74R5067 LS	RD-5-10455-0P	F4UZ, F6UZ-19836A	Fits Ford
3 1/2"	9"	Male Spring Lock	3/4" #12	Male Insert O Ring	5/8" #10	74R5077 LS	RD-5-10460-0P	F75Z-19C836AA	Fits Ford
3 1/2"	9 1/8"	Pad Mount		Pad Mount		74R5060	RD-5-9556-0P	18-04171	Fits Peterbilt
3 1/2"	9 1/8"	Pad Mount	1"-14 UNF	Pad Mount	1"-14 UNF	74R5097	RD-5-12623-0P	3542577C2	Fits IHC/Navistar
3 1/2"	9 1/2"	Female O Ring	1 1/16"	Female O Ring	1 1/16"	74R5061	RD-5-10927-0P	18-03837	Fits Peterbilt
3 1/2"	10"	Male Insert O Ring	5/8" #10	Male Insert O Ring	3/4" #12	74R5063	RD-5-10453-0P	E7TZ-19C836A	1/4" Service Port, Fits Ford

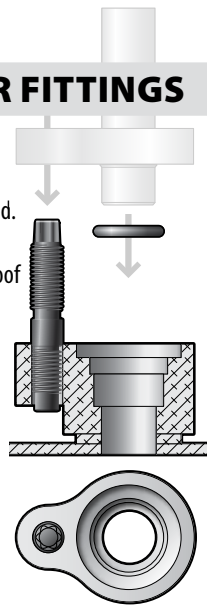
ACCESSORIES:

Accumulator Tube	Male O Ring	3/4" #12	Male Insert O Ring	3/4" #12	74R5600	RD-5-4962-0P	Accumulator tube for GM, Fits 74R5050 Accumulator
Adapter	#6 Adapter to #5 Metric Fitting		Female Spring Lock	3/4" #12	74R8006	RD-5-7570-0M	Adapter, 2 per Package

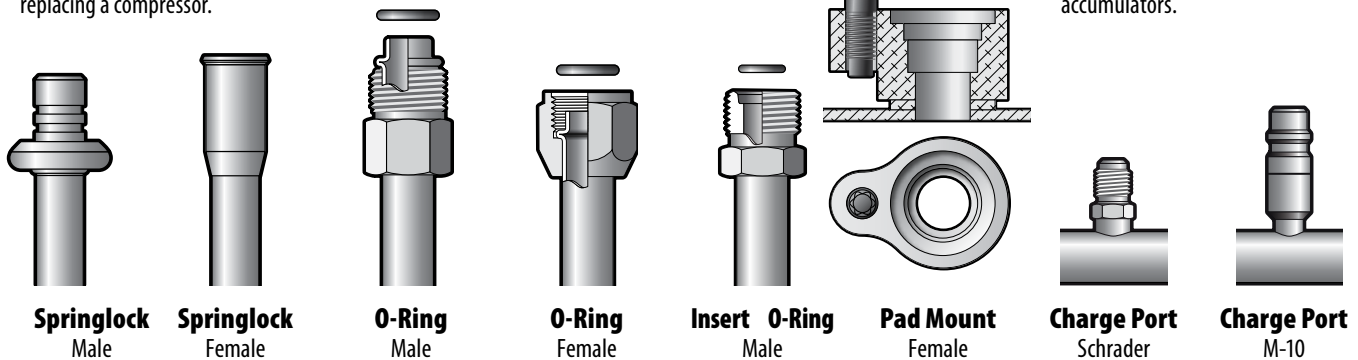
GUIDE TO ACCUMULATOR FITTINGS



Components in an air conditioning system require a clean, non-corrosive environment. Moisture is corrosive to air conditioner system components and must be eliminated for efficient a/c system operation. Any time the a/c system is opened, the accumulator and orifice tube need to be replaced. A good preventative maintenance practice is to replace the accumulator / orifice tube at regular intervals (at least once a year). A/C compressor manufacturer's warranties will be void without proof of flushing the system, accompanied by replacement of the accumulator and orifice tube when replacing a compressor.



Accumulators have a variety of connecting fittings, often connected to tubing designed for a specific application. Here are the different types of fitting connections you will experience while working with accumulators.



LS = Limited to stock on hand

74R SERIES

ACCUMULATORS

74R5050

RD-5-4961-0P

Universal Accumulator for
Peterbilt 849748, 18-03837, JC1080
3 1/2" diameter x 8" long
Inlet: 3/4" (#12) Female O-Ring
Outlet: 3/4" (#12) Female O-Ring
Two R-12 Ports



74R5060

RD-5-9556-0P

Peterbilt 18-04171
3 1/2" diameter x 9 1/8" long
Inlet: Pad Mount
Outlet: Pad Mount



74R5061

RD-5-10927-0P

Peterbilt 357, 375, 378, 379, 385
3 1/2" diameter x 9 1/2" long
Inlet: 1 1/8" Female O-Ring
Outlet: 1 1/8" Female O-Ring



74R5063 LS

RD-5-10453-0P

Ford E3TZ-19C836B, E7TZ-19C836A
3 1/2" diameter x 10" long
Inlet: 5/8" (#10) Male Insert O-Ring
Outlet: 3/4" (#12) Male Insert O-Ring
Two 1/4" Service Ports



74R5065

RD-5-10454-0P

Ford F2UZ-19C836A, F3DZ-19C836A
3 1/2" diameter x 8 3/4" long
Inlet: 5/8" (#10) Male Springlock
Outlet: 5/8" (#10) Male Springlock



74R5067 LS

RD-5-10455-0P

Ford F4UZ-19C836A, F6UZ-19C836AA
3 1/2" diameter x 8 3/4" long
Inlet: 5/8" (#10) Male Springlock
Outlet: 5/8" (#10) Male Springlock
12mm Switchport



For Sight Glass Moisture Indicator and Quick Disconnect Fittings see
Fittings Section.

74R5075 LS

RD-5-10459-0P

Ford F7UZ-19C836AB
3 1/2" diameter x 8 1/2" long
Inlet: 5/8" (#10) Female O-Ring
Outlet: 3/4" (#12) Female Insert O-Ring



74R5077 LS

RD-5-10460-0P

Ford F75Z-19C836AA
3 1/2" diameter x 9" long
Inlet: 3/4" (#12) Male Springlock
Outlet: 5/8" (#10) Male Insert O-Ring



LS = Limited to stock on hand

74R SERIES

ACCUMULATORS

74R5083 LS

RD-5-10463-0P

Ford XL3Z-19C836AA
3 1/2" diameter x 8 1/2" long
Inlet: Springlock
Outlet: Pad Mount



74R5087 LS

RD-5-10465-0P

Ford XL3Z-19C836BA
3 1/2" diameter x 8 1/2" long
Inlet: Springlock
Outlet: Pad Mount



74R5097

RD-5-12623-0P

IHC / Navistar 3542577-2, BOA80-323-00-139
3 1/2" diameter x 9 1/4" long
Inlet: Pad Mount 1"-14 UNF
Outlet: Pad Mount 1"-14 UNF
Switch Port: M12 x 1.5
Bracket Mount:
2)M8 x 1.25 female thread
Adjustable Studs



74R5093

RD-5-10201-0P

Ford OE #089235-000
3 1/2" diameter x 8 5/8" long
Inlet: 5/8" (#10) Male Insert O-Ring
Outlet: 5/8" (#10) Male Insert O-Ring
With 71R6095 Pressure Switch



74R5099

RD-5-10202-0P

Ford Sterling F1HZ19C836C
3 1/2" diameter x 10" long
Two swivel ports



74R5095

RD-5-11546-0P

Ford F6HH-19E647AA, F6HZ-19C836A
3 1/2" diameter x 8" long
Inlet: 5/8" (#10) Male Insert O-Ring
Outlet: 3/4" (#12) Male Insert O-Ring



74R5401

RD-5-13206-0P

Navistar Prostar
3670134-C1
P6546001



For Sight Glass Moisture Indicator and Quick Disconnect Fittings see Fittings Section.



ACCUMULATOR ACCESSORIES

74R5600

RD-5-4962-0P

Accumulator Tube for 74R5050, fits GM
3/4" (#12) Male O-Ring (1 3/4"-16 thread)
3/4" (#12) Male Insert O-Ring (1 3/4"-14 thread)



74R8006

RD-5-7570-0M

Fitting Adapter Assembly
#6 Adaptor to #5 Metric Fitting—
2 Per Package

