

4-Way Reversing Valves



AIR NDI NIN



- Wide Application Range
- High Reliability
- Minimum Pressure Drop
- Low Leakage Risk
- UL Approved







Application and Principle of Operation

The 4-way Reversing Valve is the key component to provide Heating and Cooling from the system to the air conditioned space by reversing the flow direction of refrigerant. It is used at room air conditioners, packaged and central air conditioners. The reversing Valves are designed for Heat Pump Systems with capacity from 3kW to 580kW. They are suitable for most refrigerants as R407C - R410A - R134A.



Heating Cycle

Installation and Cautions

Notice

Heat pumps and heat/cool units: many original equipment manufacturers connect the system tubing to the Ranco reversing valve based on which mode (heat or cool) the system will operate, should the solenoid coil fail. For example, solenoid coil energized for cooling (Figure 1); solenoid coil fail-

ure mode to heat cycle. Solenoid coil energized for heating

(Figure 2); solenoid coil failure mode to cooling cycle.

Prior to replacing the valve, confirm which mode (heat or cool) the solenoid coil controls when energized.

Viewed facing three tubes and solenoid on right.

Solenoid coil fails, cycle goes to heating. Solenoid coil energized for cooling (de- energized for heat); solenoid fails, valve goes to heat cycle.----



Figure 1

- 1. Connects to Compressor Discharge
- Solenoid Coil Energized for Cooling
 Connects to Outside Condensor
- 4. Connects to Suction Line
- 5. Connects to Inside Evaporator (coil)

6. Solenoid Coil Energized for Heat

REPLACING VALVE ASSEMBLY

SYSTEM REPAIR - Follow the original equipment manufacturer's recommendations for replacement of refrigerant components.

SYSTEM EVACUATION - Follow original equipment manufacturer's recommendations and/or RSES SAM Section 83 (630-46).

COMPRESSOR MOTOR BURNOUT - Follow original equiment manufacturer's recommendations and/or RSES SAM Section 91.

CAUTION

To prevent possible electrical shock or equipment damage, disconnect electrical power to unit before and during installation.

DO NOT restore electrical power to unit until the device is properly installed.

GENERAL INSTALLATION PROCEDURES - REMOVAL

Use only an oxy-acetylene torch to unsolder connections. Other type torches may not have the heat capacity to do the job with minimum time and temperature.
Protect the valve from excessive heat. Temperatures above 110°C are apt to damage internal parts. Wrapping a wet rag around the valve body while using

the torch will help to dissipate heat.
Inadequate heat is also a problem.

Not only will the soldered joints be difficult to separate, but also the build up of heat over the longer period of time required will transfer to the valve body and possibly damage its internal parts.

• The joint should separate in seconds, not minutes. Use enough heat to accomplish this, while relying on the wet rag to protect the valve body. Also remember that the remelt temperature of any solder alloy is much higher than the initial soldering temperature.

• After removing the valve, inspect the lines to make sure they are round and do not have any large solder blobs, which will interfere with the mechanical fit of the new joints.

VALVE INSTALLATION

• Avoid any rough handling of the new valve during installation. This especially includes the use of vise-type pliers to manipulate the valve body while

CAUTION

Protect tubes from entry of all foreign matter such as moisture, metal filings, dust or dirt. It takes only a tiny bit of scale,

flux, lint or the like to clog a pilot valve

• Use wet rags around the valve body and adjoining tubing to prevent overheating. Direct the flame of the torch away from the valve body. Excess heat over 110°C may distort internal parts.

• Use low temperature brazing rod as local code will permit, and use an inert gas to prevent oxide scale on the inside of the tubing.

Preferably use a phosphorus-bearing silver solder which requires no external flux. The entrance of even a tiny bit of flux may be enough to damage a new valve
If you must use silver solder with externally applied flux, be sure the sections to be joined are bright and clean and that you use the flux sparingly. This will do the job, but because this kind exceptional skill and care in its use, most valve manufacturers are reluctant to

recommend it.

Viewed facing three tubes and solenoid on right.

Solenoid coil fails, cycle goes to cooling. Solenoid coil energized for heat (de-energized for cooling); solenoid fails, valve goes to cooling cycle.







	R407C	R410A	R134A	C.T.S.				Mass (g)	Otv/	1	
Part Number	kW min/max (US ton min/max)	kW min/max (US ton min/max)	kW min/max (US ton min/max)	S.E	E.C. Inch	Disch	lnch	Style	(W/O coil)	box	Coil
V0-406050100	1.34 / 3.02 (0.38 / 0.86)	1.55 / 3.83 (0.44 / 1.09)	1.16 / 2.36 (0.33 / 0.67)	9.64	3/8	8.12	5/16	В	210	36	LDL/LDK
V1-408050100	1.41 / 4.57 (0.40 / 1.30)	1.76 / 5.98 (0.50 / 1.70)	1.41 / 3.87 (0.40 / 1.10)	12.84	1/2	8.01	5/16	A	285	36	LDL/LDK
V1-408060100	1.41 / 4.57 (0.40 / 1.30)	1.76 / 5.98 (0.50 / 1.70)	1.41 / 3.87 (0.40 / 1.10)	12.84	1/2	9.67	3/8	A	285	36	LDL/LDK
V1-406060100	1.41 / 4.57 (0.40 / 1.30)	1.76 / 5.98 (0.50 / 1.70)	1.41 / 3.87 (0.40 / 1.10)	9.64	3/8	9.67	3/8	A	285	36	LDL/LDK
V1-406050100	1.41 / 4.57 (0.40 / 1.30)	1.76 / 5.98 (0.50 / 1.70)	1.41 / 3.87 (0.40 / 1.10)	9.64	3/8	8.01	5/16	A	285	36	LDL/LDK
V1-406050200	1.41 / 4.57 (0.4 / 1.3)	1.76 / 5.98 (0.50 / 1.70)	1.41 / 3.87 (0.4 / 1.1)	9.64	3/8	8.12	5/16	В	310	36	LDL/LDK
V1-406060200	1.41 / 4.57 (0.4 / 1.3)	1.76 / 5.98 (0.50 / 1.70)	1.41 / 3.87 (0.4 / 1.1)	9.64	3/8	9.67	3/8	В	310	36	LDL/LDK
V2-408060100	2.81 / 6.33 (0.8 / 1.8)	3.17 / 7.74 (0.90 / 2.20)	2.46 / 4.92 (0.7 / 1.4)	12.84	1/2	9.67	3/8	A	285	36	LDL/LDK
V2-408060200	2.81 / 6.33 (0.8 / 1.8)	3.17 / 7.74 (0.90 / 2.20)	2.46 / 4.92 (0.7 / 1.4)	12.84	1/2	9.67	3/8	В	310	36	LDL/LDK
V2-410060300	3.87 / 7.03 (1.1 / 2.0)	4.57 / 8.79 (1.30 / 2.50)	3.17 / 5.63 (0.9 / 1.6)	16.03	5/8	9.67	3/8	С	315	36	LDL/LDK
V2-410060400	3.87 / 7.03 (1.1 / 2.0)	4.57 / 8.79 (1.30 / 2.50)	3.17 / 5.63 (0.9 / 1.6)	16.03	5/8	9.67	3/8	D	335	36	LDL/LDK
V3-410080700	3.87 / 9.50 (1.1 / 2.7)	4.57 / 11.96 (1.30 / 3.40)	3.17 / 7.39 (0.9 / 2.1)	16.03	5/8	12.84	1/2	E	310	36	LDL/LDK
V3-4100H0700	3.87 / 9.50 (1.1 / 2.7)	4.57 / 11.96 (1.30 / 3.40)	3.17 / 7.39 (0.9 / 2.1)	16.03	5/8	12.70 O.D.	1/2 O.D.	E	310	36	LDL/LDK
V3-412080800	3.87 / 9.85 (1.1 / 2.8)	4.57 / 12.31 (1.30 / 3.50)	3.17 / 7.74 (0.9 / 2.2)	19.18	3/4	12.84	1/2	E	350	36	LDL/LDK
V6-414120100	3.87 / 18.99 (1.1 / 5.4)	4.57 / 23.92 (1.30 / 6.80)	3.17 / 14.77 (0.9 / 4.2)	22.36	7/8	19.18	3/4	A	810	18	LDL/LDK
V6-414100100	3.87 / 18.99 (1.1 / 5.4)	4.57 / 23.92 (1.30 / 6.80)	3.17 / 14.77 (0.9 / 4.2)	22.36	7/8	16.03	5/8	A	810	18	LDL/LDK
V6-414080100	3.87 / 18.99 (1.1 / 5.4)	4.57 / 23.92 (1.30 / 6.80)	3.17 / 14.77 (0.9 / 4.2)	22.36	7/8	12.83	1/2	A	810	18	LDL/LDK
V6-412080100	3.87 / 18.99 (1.1 / 5.4)	4.57 / 23.92 (1.30 / 6.80)	3.17 / 14.77 (0.9 / 4.2)	19.18	3/4	12.83	1/2	A	745	18	LDL/LDK
V10-414080100	11.25 / 33.06 (3.2 / 9.4)	13.01 / 41.85 (3.70 / 11.90)	9.85 / 26.03 (2.8 / 7.4)	22.35	7/8	12.83	1/2	A	1'200	12	LDL/LDK
V10-414120100	11.25 / 33.06 (3.2 / 9.4)	13.01 / 41.85 (3.70 / 11.90)	9.85 / 26.03 (2.8 / 7.4)	22.35	7/8	19.18	3/4	A	1'200	12	LDL/LDK
V10-414140400	11.25 / 33.06 (3.2 / 9.4)	13.01 / 41.85 (3.70 / 11.90)	9.85 / 26.03 (2.8 / 7.4)	22.35	7/8	22.36	7/8	A	1'220	12	LDL/LDK
V10-418140100	11.25 / 37.63 (3.2 / 10.7)	13.01 / 47.48 (3.70 / 13.50)	9.85 / 29.54 (2.8 / 8.4)	28.78	1 1/8	22.36	7/8	A	1'310	12	LDL/LDK
V10-418120100	11.25 / 37.63 (3.2 / 10.7)	13.01 / 47.48 (3.70 / 13.50)	9.85 / 29.54 (2.8 / 8.4)	28.78	1 1/8	19.18	3/4	A	1'310	12	LDL/LDK
V10-414100100	11.25 / 33.06 (3.2 / 9.4)	13.01 / 41.85 (3.70 / 11.90)	9.85 / 26.03 (2.8 / 7.4)	22.35	7/8	16.03	5/8	A	1'200	12	LDL/LDK
V10-414120200	17.23 / 33.06 (4.9 / 9.4)	19.73 / 41.85 (5.61 / 11.90)	14.42 / 26.03 (4.1 / 7.4)	22.35	7/8	19.18	3/4	A	1'190	12	LDL/LDK
V10-4180M0200	17.23 / 37.63 (4.9 / 10.7)	19.73 / 47.48 (5.61 / 13.50)	14.42 / 29.54 (4.1 / 8.4)	28.78	1 1/8	19.05 O.D.	3/4 O.D.	A	1'300	12	LDL/LDK
V10-418100200	17.23 / 37.63 (4.9 / 10.7)	19.73 / 47.48 (5.61 / 13.50)	14.42 / 29.54 (4.1 / 8.4)	28.78	1 1/8	16.03	5/8	A	1'300	12	LDL/LDK
V10-418120200	17.23 / 37.63 (4.9 / 10.7)	19.73 / 47.48 (5.61 / 13.50)	14.42 / 29.54 (4.1 / 8.4)	28.78	1 1/8	19.18	3/4	A	1'300	12	LDL/LDK
V10-418140200	17.23 / 37.63 (4.9 / 10.7)	19.73 / 47.48 (5.61 / 13.50)	14.42 / 29.54 (4.1 / 8.4)	28.78	1 1/8	22.36	7/8	A	1'300	12	LDL/LDK
V12-4220T0200	22.86 / 46.78 (6.5 / 13.3)	26.38 / 58.91 (7.50 / 16.75)	18.99 / 36.93 (5.4 / 10.5)	35.13	1 3/8	28.58 O.D.	1 1/8 O.D.	F	2'030	6	LDL/LDK
O.D. = Outdoor Dia	ameter										
C.T.S. = Copper T	ube Style										
S.E.C. = Suction E	vaporator Condenser										

AVAILABLE PIPE CONFIGURATIONS

E

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F III

A

PLEASE NOTE: Capacities shown are based on: Evaporating temperature: 7,2°C; Sub Cooling: 5,0°C; Condensing Temperature: 54,4°C; Superheat: 5,0°C; Pressure Drop: 0,014 MPa

B

с **ф**

Reversing Valves Table



N-Series



	R407C	R410A kW min/max (US ton min/max)	R134A kW min/max (US ton min/max)		C.T.S.				Mass (g)		
Part Number	(US ton min/			S.E.C.		Discharge		Style	(W/O	Qty/ box	Coil
	max)			mm	Inch	mm	Inch		COII)		
N15C00S *	15.83 / 54.51 (4.50 / 15.50)	15.83 / 61.55 (4.50 / 17.50)	12.31 / 40.80 (3.50 / 11.60)	28.80	1 1/8	22.40	7/8	A	1'260		LDL/LDK
N20C00G *	17.59 / 72.45 (5.00 / 20.60)	17.60 / 81.60 (5.00 / 23.20)	13.72 / 54.16 (3.90 / 15.40)	32.00	1 1/4	25.60	1	A	3'100	1	LDL/LDK
N20C10G	17.59 / 72.45 (5.00 / 20.60)	17.60 / 81.60 (5.00 / 23.20)	13.72 / 54.16 (3.90 / 15.40)	32.00	1 1/4	25.60	1	A	3'200	1	LDL/LDK
N20C01G *	17.59 / 72.45 (5.00 / 20.60)	17.60 / 81.60 (5.00 / 23.20)	13.72 / 54.16 (3.90 / 15.40)	34.90	1 3/8	28.60	1 1/8	A	3'100	1	LDL/LDK
N20C11G	17.59 / 72.45 (5.00 / 20.60)	17.60 / 81.60 (5.00 / 23.20)	13.72 / 54.16 (3.90 / 15.40)	34.90	1 3/8	28.60	1 1/8	A	3'200	1	LDL/LDK
N30C00G *	26.38 / 108.68 (7.50 / 30.90)	26.40 / 122.40 (7.51 / 34.80)	20.40 / 81.24 (5.80 / 23.10)	38.30	1 1/2	32.00	1 1/4	A	3'200	1	LDL/LDK
N30C10G	26.38 / 108.68 (7.50 / 30.90)	26.40 / 122.40 (7.51 / 34.80)	20.40 / 81.24 (5.80 / 23.10)	38.30	1 1/2	32.00	1 1/4	A	3'300	1	LDL/LDK
N40C10G	35.17 / 144.90 (10.00 / 41.20)	35.20 / 163.20 (10.01 / 46.40)	27.08 / 108.32 (7.70 / 30.80)	45.00	1 7/9	38.10	1 1/2	A	7'500	1	LDL/LDK
N50C10G	35.17 / 181.13 (10.00 / 51.50)	35.20 / 204.00 (10.01 / 58.00)	27.08 / 135.40 (7.70 / 38.50)	54.20	2 1/7	38.10	1 1/2	A	7'600	1	LDL/LDK
N60C10G	52.80 / 194.80 (15.10 / 55.60)	52.80 / 245.00 (15.10 / 70.00)	34.80 / 154.35 (10.00 / 44.10)	67.00	2 5/8	41.50	1 5/8	A	8'900	1	LDL/LDK
*without mounting	brackets										
C.T.S. = Copper 1	ube Style										
S.E.C. = Suction B	Evaporator Condenser										

PLEASE NOTE: Capacities shown are based on: Evaporating temperature: 7,2°C; Sub Cooling: 5,0°C; Condensing Temperature: 54,4°C; Superheat: 5,0°C; Pressure Drop: 0,014 MPa

V-N Reversing Valve Operating Specification

Min. Δ Pressure to Reverse Max. Δ Pressure to Reverse Max. working Pressure

0,15 MPa 3,04 MPa 4,68 MPa (V Series) 4,17 MPa (N Series) 17,23 MPa (V Series) 16,7 MPa (N Series)

Max. Operating Temper. Min. Operating Voltage Max. Operating Voltage

121°C Min. 85% of Rated Volts 110% of Rated Volts

Min. Bursting Pressure

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Reversing Valves and Solenoid Coils Table



1347 2 7 1347 2		C.T.S.				Qty/box	Coil		
kW min/maxkW min/maxkW min/max (US ton min/max) (US ton min/max) (US ton min/max)			S.E.C. Disc		Disch			arge	Mass (g) (W/O coil)
			mm	Inch	mm	Inch			
70.34 / 289.80 (20.00 / 82.40)	54.16 / 216.65 (15.40 / 61.60)	54.16 / 216.65 (15.40 / 61.60)	Flange RBK 65A	Flange RBK 65A	Flange RBK 50A	Flange RBK 50A	55'000	1	LDL/LDK
105.51 / 436.11 (30.00 / 124.00)	81.24 / 324.97 (23.10 / 92.40)	81.24 / 324.97 (23.10 / 92.40)	Flange RBK 65A	Flange RBK 65A	Flange RBK 50A	Flange RBK 50A	73'000	1	LDL/LDK
140.68 / 579.60 (40.00 / 164.80)	108.32 / 432.59 (30.80 / 123.00)	108.32 / 433.29 (30.80 / 123.20)	Flange RBK 65A	Flange RBK 65A	Flange RBK 50A	Flange RBK 50A	82'000	1	LDL/LDK
	US ton min/max) (U 70.34 / 289.80 (20.00 / 82.40) 105.51 / 436.11 (30.00 / 124.00) 140.68 / 579.60 (40.00 / 164.80)	US ton min/max) (US ton min/max) (US 1 70.34 / 289.80 (20.00 / 82.40) 54.16 / 216.65 (15.40 / 61.60) 105.51 / 436.11 (30.00 / 124.00) 81.24 / 324.97 (23.10 / 92.40) 140.68 / 579.60 (40.00 / 164.80) (30.80 / 123.00)	US ton min/max) (US ton min/max) (US ton min/max) 70.34 / 289.80 54.16 / 216.65 54.16 / 216.65 (20.00 / 82.40) 54.16 / 216.65 (15.40 / 61.60) 105.51 / 436.11 81.24 / 324.97 81.24 / 324.97 (30.00 / 124.00) (23.10 / 92.40) (23.10 / 92.40) 140.68 / 579.60 (30.80 / 123.00) (30.80 / 123.20)	US ton min/max) UUS ton min/max) S. 70.34 / 289.80 (20.00 / 82.40) 54.16 / 216.65 (15.40 / 61.60) 54.16 / 216.65 (15.40 / 61.60) Flange (15.40 / 61.60) 105.51 / 436.11 (30.00 / 124.00) 81.24 / 324.97 (23.10 / 92.40) 81.24 / 324.97 (23.10 / 92.40) 81.24 / 324.97 (23.10 / 92.40) Flange RBK 65A 140.68 / 579.60 (40.00 / 164.80) 108.32 / 432.59 (30.80 / 123.00) 108.32 / 433.29 (30.80 / 123.20) Flange RBK 65A	US ton min/max) UUS ton min/max) UUS ton min/max) S.E.C. 70.34 / 289.80 (20.00 / 82.40) 54.16 / 216.65 (15.40 / 61.60) 54.16 / 216.65 (15.40 / 61.60) Flange (85A Flange (85A 105.51 / 436.11 (30.00 / 124.00) 81.24 / 324.97 (23.10 / 92.40) 81.24 / 324.97 (23.10 / 92.40) 81.24 / 324.97 (23.10 / 92.40) Flange (85A Flange (85A 140.68 / 579.60 (40.00 / 164.80) 108.32 / 432.59 (30.80 / 123.00) 108.32 / 433.29 (30.80 / 123.20) Flange (85A Flange (85A	US ton min/max) UUS ton min/max) UUS ton min/max) Mark Discr Discr 70.34 / 289.80 (20.00 / 82.40) 54.16 / 216.65 (15.40 / 61.60) 54.16 / 216.65 (15.40 / 61.60) Flange (15.40 / 61.60) Flange (85A Flange 65A Flange 8BK Flange 8BK <t< td=""><td>No. 1 State <th< td=""><td>US ton min/max) US ton min/max) US ton min/max) S.E.C. Discharge (W/O coil) 70.34 / 289.80 (20.00 / 82.40) 54.16 / 216.65 (15.40 / 61.60) 54.16 / 216.65 (15.40 / 61.60) Flange RBK Fl</td><td>US ton min/max) US ton min/max) US ton min/max) E.C. Discharge (W/O coil) Caybox 70.34 / 289.80 (20.00 / 82.40) 54.16 / 216.65 (15.40 / 61.60) 54.16 / 216.65 (15.40 / 61.60) Flange (15.40 / 61.60) Flange RBK 65A Flange RBK 50A S000 1 140.68 / 579.60 (40.00 / 164.80) 108.32 / 433.29 (30.80 / 123.00) Flange (30.80 / 123.20) Flange RBK 65A Flange RBK 65A Flange RBK 65A Flange RBK 65A Flange RBK 50A Flange RBK 50A Flange RBK 50A S2000 1</td></th<></td></t<>	No. 1 State State <th< td=""><td>US ton min/max) US ton min/max) US ton min/max) S.E.C. Discharge (W/O coil) 70.34 / 289.80 (20.00 / 82.40) 54.16 / 216.65 (15.40 / 61.60) 54.16 / 216.65 (15.40 / 61.60) Flange RBK Fl</td><td>US ton min/max) US ton min/max) US ton min/max) E.C. Discharge (W/O coil) Caybox 70.34 / 289.80 (20.00 / 82.40) 54.16 / 216.65 (15.40 / 61.60) 54.16 / 216.65 (15.40 / 61.60) Flange (15.40 / 61.60) Flange RBK 65A Flange RBK 50A S000 1 140.68 / 579.60 (40.00 / 164.80) 108.32 / 433.29 (30.80 / 123.00) Flange (30.80 / 123.20) Flange RBK 65A Flange RBK 65A Flange RBK 65A Flange RBK 65A Flange RBK 50A Flange RBK 50A Flange RBK 50A S2000 1</td></th<>	US ton min/max) US ton min/max) US ton min/max) S.E.C. Discharge (W/O coil) 70.34 / 289.80 (20.00 / 82.40) 54.16 / 216.65 (15.40 / 61.60) 54.16 / 216.65 (15.40 / 61.60) Flange RBK Fl	US ton min/max) US ton min/max) US ton min/max) E.C. Discharge (W/O coil) Caybox 70.34 / 289.80 (20.00 / 82.40) 54.16 / 216.65 (15.40 / 61.60) 54.16 / 216.65 (15.40 / 61.60) Flange (15.40 / 61.60) Flange RBK 65A Flange RBK 50A S000 1 140.68 / 579.60 (40.00 / 164.80) 108.32 / 433.29 (30.80 / 123.00) Flange (30.80 / 123.20) Flange RBK 65A Flange RBK 65A Flange RBK 65A Flange RBK 65A Flange RBK 50A Flange RBK 50A Flange RBK 50A S2000 1

PLEASE NOTE: Capacities shown are based on: Evaporating temperature: 7,2°C; Sub Cooling: 5,0°C; Condensing Temperature: 54,4°C; Superheat: 5,0°C; Pressure Drop: 0,014 MPa

Choosing the correct Solenoid Coil

RANCO offers Type LDK and LDL solenoid coils for use with the entire range of RANCO Heat Pump Reversing Valves. These color coded epoxy encapsulated, continuous duty, moisture resistant magnetic coils are designed to operate the pilot valve controlling the Reversing Valves listed above.

LDK



Coil Type	Color	Voltage	Fragueneu	Wattage	UL Thermal	Cable lenght		
			Frequency	50/60Hz	Class	mm	inch	
LDK-11	Red	12Va	50/60Hz	5/4	A	1200	48	
LDK-31	Black	120Va	50/60Hz	5/4	A	1200	48	
LDK-41	Green	208 / 240Va	50/60Hz	5/4	A	1200	48	
LDK-73	Yellow	12Vc	-	10	F	1200	48	
LDK-83	Orange	24Vc	-	10	F	1200	48	

Other cable length available on request. Included with the LDK solenoid coil is a W29 wiring harness with 120 mm leads.



Coil Type	Coil Type Color	Voltage	Frequency	Wattage	UL Thermal	Cable lenght	
Con Type			Frequency	50/60Hz	Class	mm	inch
LDL-11	Red	12Va	50/60Hz	5/4	A	1200	48
LDL-41	Green	208 / 240Va	50/60Hz	5/4	A	1200	48
LDL-41	Green	208 / 240Va	50/60Hz	5/4	A	2000	80

Other cable length available on request.

VH Reversing Valve Operating Specification

Iin. Δ Pressure to Reverse 0,34 MPa Jax. Δ Pressure to Reverse 2,25 MPa Jax. working Pressure 3,3 MPa Jin. Bursting Pressure 16.5 MPa	Max. Operating Temper. Min. Operating Voltage Max. Operating Voltage	120°C Min. 85% of Rated Volts 110% of Rated Volts
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These solenoid operated Reversing Valves are slide type, 4-way with a 4-way Pilot valve and operate under the full pressure of the heat pump system. The valves are used on unitary, split system, and window-type heat pump applications. There are six different styles designed to meet your particular system need.



Legenda HPHigh Pressure SSuction S.E.Connected to High Pressure when Solenoid is Energized

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