

AllStyle Coil Company, LP

Installation Instructions for Expansion Valve and Check/Expansion Valve Kits

Contents:

1. Instructions
2. Expansion Valve
3. Mounting Strap
4. Equalizer Tube Adapter
5. Label

Your expansion valve must be compatible with your system. Verify you have the correct valve for your application. A list of available valves is on the reverse side of this page.

IMPORTANT: Read all instructions before beginning installation

- Step 1.** Make certain that all parts are in kit.
Step 2. Remove front panel of coil (top on ASLB/ASFM). Remove tail assembly as illustrated in fig. 1. and remove teflon seal.
Step 3. Remove piston from distributor body.
Step 4. Re install teflon seal in distributor body.
Step 5. Attach expansion valve (check and expansion) valve to distributor body as shown in fig. 2.
Step 6. Tighten valve to body using two (2) wrenches. Apply 20 lbs. torque. Do Not Over Tighten.
Step 7. Install the Equalizer Tube Adapter to the Suction Line at the outlet of the coil. (An alternate to using this adapter is to puncture the Suction Line using an awl or ice pick, creating a hole large enough to insert the tip of the equalizer tube into the suction line. Insert the equalizer line into the opening in the suction 1/4". Weld the equalizer line in the suction line using proper techniques.
Step 8. Weld the high side line to to the tail assembly. Attach the tail assembly to the valve body using techniques described in Step 6.
Step 9. Mount the valve sensing bulb on the suction manifold of the coil using the mounting strap as shown in fig.4. Make certain the strap is tight. Re install the front panel of the coil. The sensing bulb may be installed on a horizontal run of the suction line on the outside of the cabinet, but it must be insulated to prevent ambient air affecting it's operation.
Step 10. Leak check all connections. Dehydrated system and recharge per coil installation instructions.
Step 11. Important- The label that is included in the kit must be applied to the coil after installation.

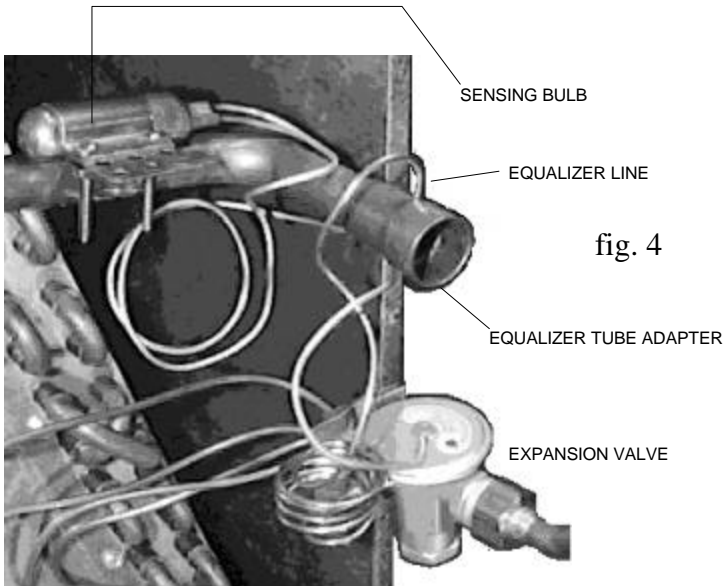


fig. 4

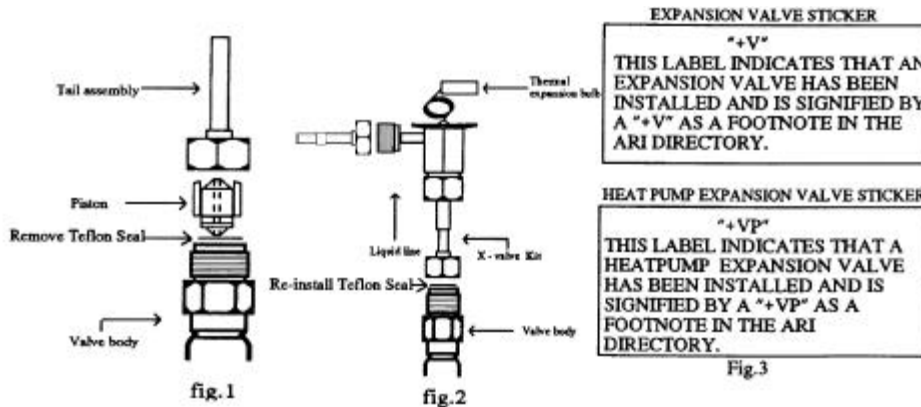


Fig.3



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AllStyle Expansion Valve Selections

Air Conditioning Applications

R-22 Air Conditioning Non Bleed Expansion Valves

Application Range	Repair Part #	AllStyle Part No.	Alco Valve Type	Bleed %	Nominal Capacity	Part#
1 1/2 - 3 TONS	RP31076	AS2VN3	ANE 3 HAA	0%	3 Tons R22	GT5843-7
3 1/2 - 4 TONS	RP31077	AS2VN4	ANE 5 HAA	0%	3 Tons R22	GT5843-8
5 TONS	RP31087	AS2VN5	ANE 8 HAA	0%	8 Tons R22	GT6294-1

R-22 Air conditioning Bleed Port Expansion Valves

1 1/2 - 3 TONS	RP31070	AS2VE3	ANEB 2 1/2 HAA	30%	2 1/2 Tons R22	GT5843-1
3 1/2 - 5 TONS	RP31071	AS2VE4	ANEB 5 HAA	30%	5 Tons R22	GT5843-2

R-410a Air Conditioning Non Bleed Expansion Valves

1 1/2 - 3 TONS	RP31089	AS4VN3	AAE 3 ZW155	0%	3 Tons R410a	GT6033-3
3 1/2 - 5 TONS	RP31091	AS4VN5	AAE 5 ZW155	0%	5 Tons R410a	GT6033-2

R-410a Air Conditioning Non Bleed Balanced Port Expansion Valves for 2 speed Compressor

1 1/2 - 3 TONS	RP31096	AS4VBN3	BAE 3 ZW155	0%	3 Tons R410a	GT6274-1
3 1/2 - 4 TONS	RP31097	AS4VBN4	BAE 3 1/2 ZW155	0%	3 1/2 Tons R410a	GT6274-2
5 TONS	RP31098	AS4VBN5	BAE 4 1/2 ZW155	0%	4 1/2 Tons R410a	GT6274-3

R-410a Air Conditioning Bleed Port Expansion Valves

1 1/2 - 3 TONS	RP31088	AS4VE3	AAEB 3 ZW155	30%	3 Tons R410a	GT6033-1
3 1/2 - 5 TONS	RP31090	AS4VE5	AAEB 5 ZW155	30%	5 Tons R410a	GT6034-1

Heat Pump Applications

R-22 Heat Pump Check and Expansion Valves Non Bleed

1 1/2 - 3 TONS	RP31083	AS2VPN3	ANCE 3 HAA	0%	3 Tons R22	GT5844-3
3 1/2 - 5 TONS	RP31084	AS2VPN5	ANCE 5 HAA	0%	5 Tons R22	GT5844-4

R-410a Heat Pump Check and Expansion Valves Non Bleed

1 1/2 - 3 TONS	RP31093	AS4VPN3	AACE 3 ZW155	0%	3 Tons R410a	GT6249-2
3 1/2 - 5 TONS	RP31095	AS4VPN5	AACE 5 ZW155	0%	5 Tons R410a	GT6250-2

R-22 Commercial Coil Expansion Valves

6 - 7.5 TONS	RP31086	AS2VE5	AAEB 8 HAA	30%	8 Tons R22	GT5997-1
7.5 - 10 TONS	RP31057	AS2VN10	HFES 10 HCA	0%	10 Tons	GT6295-1