



WELD IN LINE HAND EXPANSION VALVE



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REFRIGERANTS

Ammonia R-717, Halocarbons

INTRODUCTION

These precision-calibrated, adjustable, star cut seat nut flow regulating (expansion valves) are ideal for metering or flashing expansion of liquid refrigerants. The star cut seat nut are more tolerant of dirt particles than taper plug expansion valves.

Hand wheels are of RED color to distinguish it from stop valves.

APPLICATION

**Liquid feed or circulating liquid over feed evaporators.
High pressure or intermediate pressure feed to accumulators, intercoolers or recirculators.
Defrost condensate relief.**

INSTALLATION

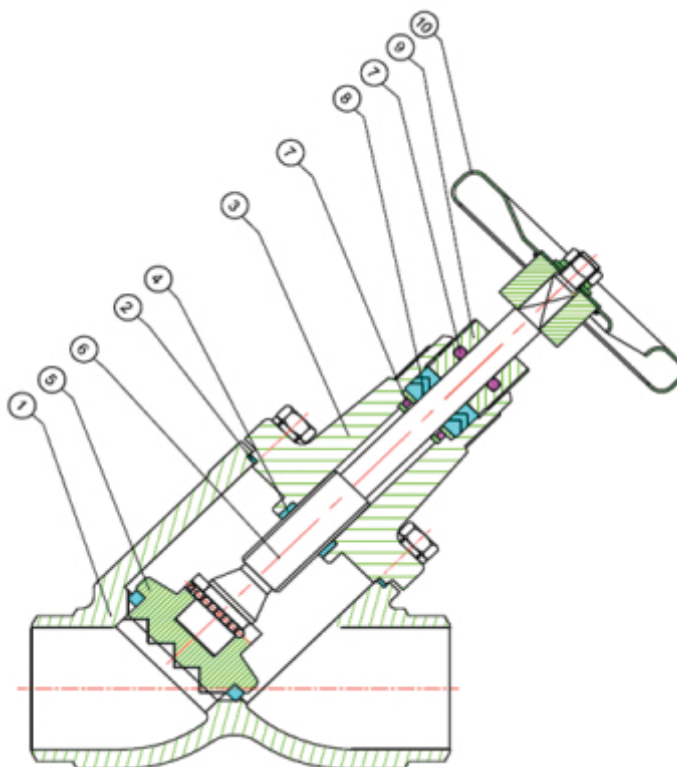
Welded End: Read instruction supplied with valves. In case of PTFE seated valve, you need to remove bonnet assembly before doing any welding job. The pipe end should be cut neatly, perpendicular to pipe axis and correct in length. Make sure that welding debries do not get inside the pipe line. Use appropriate grade of welding electrodes. After welding is done let it cool down, clean inside of valve, clean bonnet assembly and fix the bonnet assembly to the valve.



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EXPANSION VALVE BUTT WELD & SOCKET WELD

1/2" to 2" TYPE : WEVB (BUTT WELD) &
WEVS (SOCKET WELD)



PARTS AND MATERIAL OF CONSTRUCTION

1. BODY	:	ASTM A 105/ASTM A 352 LCB/ASTM A216 WCB
2. GASKET	:	NON ASBESTOS
3. BONNET	:	ASTM A 105/ASTM A 352 LCB/ASTM A216 WCB
4. BACK BUSH	:	PTFE
5. SEAT NUT	:	CS/SS
6. STEM	:	A 105/SS 410
7. O RING	:	NEOPRENE
8. GLAND PACKING	:	GRAPHITE ROPE/RINGS
9. GLAND NUT	:	CS/SS

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