

PRODUCT DATA SHEET: Weld-in-Line Control Valves

INTRODUCTION

Hansen Technologies offers a complete line of direct weld-in-line control valves for refrigeration systems, thereby eliminating flange gasket leakage. Products include pressure regulators, solenoid valves, sealed motor valves, check valves, suction stop valves and strainers; sizes up to 6" (150 mm) based on valve model.

These weld-in-line valves utilize the same proven, serviceable components as the standard Hansen valves. They are ideally suited for both ammonia and halocarbon refrigeration systems. Valves for CO₂ service are also available and are painted yellow for easy identification.

SPECIFICATIONS

- Body: Cast steel, ASTM A352, LCB
- Bonnet: Ductile iron, ASTM A536
- Safe Working Pressure: 400 psig (28 bar)
600 psig (40 bar) optional for CO₂
- Temperature Range: -60°F to +240°F
(-50°C to +115°C)
- Control Valve Sizes: 3/4" to 6" (20mm to 150mm)
- Connection Types:
3/4" to 2-1/2" (20mm to 65mm) Socket Weld
3" to 6" (80mm to 150mm) Butt Weld

FEATURES

- Eliminates potential flange leaks
- Weldable without disassembly
- Same parts as Hansen flanged valves; no extra parts to stock
- Lighter installed weight
- Stronger connection
- Easier to insulate than flanged valves
- Suitable for Ammonia, Halocarbons, CO₂ and other Hansen approved refrigerants
- CE approved



HS4W

VALVE TYPES	MODEL NUMBERS
Pressure Regulators	HA4W
Solenoid Valves	HS4W HS4DW HS8W*
Sealed Motor Valves*	HMMRW/HMMRWC HMMRAW/HMMRAWC HMMRBW/HMMRBWC HMMVW/HMMVWC HMMVBW/HMMVBWC HMSVW/HMSVWC
Check Valves	HCK1W
Suction Stop Valves	HCK2W HCK5W HCK5DW* HS9BW
Strainers	STW

*NOTE:

Sealed Motor Valves available up to 4" (100mm),

HCK5DW available 1-1/2" to 4" (40-100mm),

HS8W available as 1/2" and 3/4" (13mm and 20mm) with integral strainer.