

## PRODUCT DATA: MVP Multi-Valve Platform Valve Station

### INTRODUCTION

Hansen Technologies introduces the Multi-Valve Platform (MVP). The MVP is a rugged, compact refrigerant control valve station. Ships pre-tested and assembled for quick and easy installation, requiring only two welds to complete most valve station applications. No disassembly is required.

Hansen control valve functions include solenoid valve, all common Hansen pressure regulator functions (inlet, outlet, dual pressure) and sealed motor valve (1-1/2" and 2" port size). Can be configured using standard Hansen parts for most control functions.

### APPLICATIONS

The MVP valve is well suited for applications including pumped liquid feed to evaporators, liquid make-up to flooded and recirculator vessels, liquid injection for screw compressors, hot gas defrost to evaporators, and evaporator pressure control. Up to six separate functions are possible: stop valve, strainer, control valve (solenoid/pressure regulator/motorized), check, hand expansion, and stop valve.

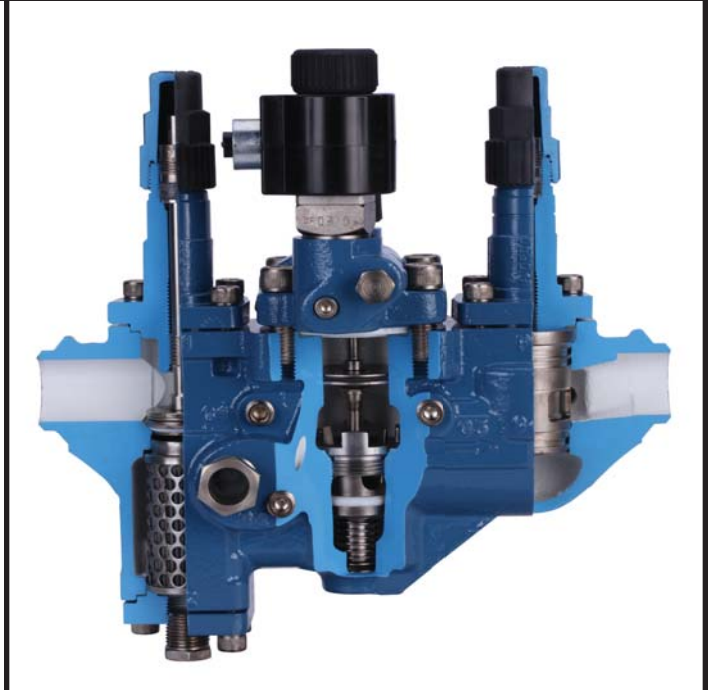
### ADVANTAGES

Installed cost savings is a huge advantage of the MVP valve. Faster installation, less pipe cutting, welding assembly time, insulation, and freight equal reduced costs. In addition, the compact valve body saves installation space and valve group weight.

MVP valve includes six pressure taps to measure pressure at the inlet and outlet to the valve, as well as a 3/4" NPT side connection.

### TECHNICAL SPECIFICATIONS

- Safe Working Pressure: 600 PSIG (40 bar)
- Temperature Range: -60° to 240°F (-50° to 115°C)
- Materials
  - Body: Cast steel, ASTM A-352, grade LCB
  - Bonnet: Ductile iron, ASTM A-536



MVP Multi-Valve Platform Valve Station

### FEATURES

- Suitable for all Hansen approved refrigerants including R717, R134a, R404, R507 and CO2
- Parts and parts kits same as Hansen individual valves – saves on stocking spare parts and training
- Four to six control functions in one
- Pressure regulator function
- Manual opening function standard on solenoid and pressure regulating valves
- Full size 100 mesh strainer
- All stop valve stems are in vertical up position
- Optional sight glass liquid indicator
- Simple, identifiable configuration
- Eliminates flange gasket leak potential

### PORT SIZES

3/4" – 2" (20mm – 50mm)

### CONNECTION STYLES

Socket Weld: 3/4" – 2" (20mm – 50mm)

Butt Weld: 3/4" – 2-1/2" (20mm – 65mm)

ODS: 7/8" – 2-5/8" (22mm – 67mm)

## INSTALLATION DIMENSIONS

PORT SIZE (mm)	DIMENSION (mm)			
	A	B (MIN/MAX)	C	D (WIDTH)
3/4"–1-1/4" (20–32)	12.00" (305)	6.95"–15.6" (176–396)	4.89" (124)	3.50" (89)
1-1/2"–2" (40–50)	16.00" (406)	7.58"–16.23" (193–412)	6.94" (176)	4.25" (108)

