

H Series and HC Series

The H series balanced port valve is designed specifically for air conditioning and heat pumps used in both air or water source systems. It offers features such as bleed ports and a variety of connection styles for the inlet, outlet and external equalizer.

The HC series adds a built-in 5 ton check valve for R-22, R-407C and R-410A heat pump applications with either factory set or field adjustable superheat.

Applications

- Air Conditioning Systems
- Heat Pump Systems
- Bi-flow (package) Heat Pump Systems

Features and Benefits

- Stainless steel power element
- Bleed ports available
- Bi-directional metering available
- Weight: 10.7 oz. (.30 kg)
- Factory set or field adjustable
- Low pressure drop internal check valve



Specifications

Refrigerant	Refrigerant Designation	Nominal Capacity (Tons)	Internally Equalized	Externally Equalized	Rainbow Charges™	Bleed Port for Off Cycle Operation (Optional)	Inlet Connections (Inches)	Outlet Connections (Inches)
R-22 R-407C	V	1-1/2	HA 1-1/2V	HAE 1-1/2V	X100	B	1/4, 3/8, 1/2 & 5/8 ODF flo-rater	3/8, 1/2, 5/8 & 7/8 ODF flo-rater
		3	HA 3V	HAE 3V				
		5	HA 5V	HAE 5V				
		models with internal check valves - "C" designation						
		1-1/2	HCA 1-1/2V	HCAE 1-1/2V	X100	B	1/4, 3/8, 1/2 & 5/8 ODF flo-rater	3/8, 1/2, 5/8 & 7/8 ODF flo-rater
		3	HCA 3V	HCAE 3V				
5	HCA 5V	HCAE 5V						
R-410A	Z	1-1/2	HA 1-1/2Z	HAE 1-1/2Z	X200	B	1/4, 3/8, 1/2 & 5/8 ODF flo-rater	3/8, 1/2, 5/8 & 7/8 ODF flo-rater
		3	HA 3Z	HAE 3Z				
		5	HA 5Z	HAE 5Z				
		specific models with internal check valves - "C" designation						
		1-1/2	HCA 1-1/2Z	HCAE 1-1/2Z	X200	B	1/4, 3/8, 1/2 & 5/8 ODF flo-rater	3/8, 1/2, 5/8 & 7/8 ODF flo-rater
		2	HCA 2Z	HCAE 2Z				
		3	HCA 3Z	HCAE 3Z				
5	HCA 5Z	HCAE 5Z						