

S8t Stainless Steel Solenoid Valve



S8t w/ Coil & Triple-Pilot Light

DESCRIPTION

The HANTEMP Controls S8t **Stainless Steel** Solenoid Valve is engineered for the application challenges of industrial refrigeration systems. The S8t Teflon® skirted piston is dirt tolerant and will operate equally well in low oil applications such as CO2 systems. The stainless steel design is resistant to the effects of flashing and wire drawing. Unlike other manufactures that use only stainless steel parts, the HANTEMP S8t is entirely stainless steel. The S8t is a Normally Closed (NC) solenoid, and opens when energized. Like our other solenoid valves The HANTEMP S8t includes a moisture-proof coil and Triple-Pilot Light standard.

SOLENOID VALVE FOR INDUSTRIAL REFRIGERATION

$1/4''$ to $5/8''$

- **Stainless Steel Bodies**
- **Molded Moisture Proof Coils (24VDC, 115VAC, and 240VAC available)**
- **High-visibility Triple-Pilot Lights (available in green, red, and amber)**
- **HANTEMP SSFL Stainless Steel Flanges for mounting**

MATERIALS & SPECIFICATIONS

Body: Stainless Steel (303)

Piston Seal: Teflon® Cantilever

Main Seat: Stainless Steel

Nominal Size: 050

Safe Working Pressure: 800 psig

MOPD: 300 psi

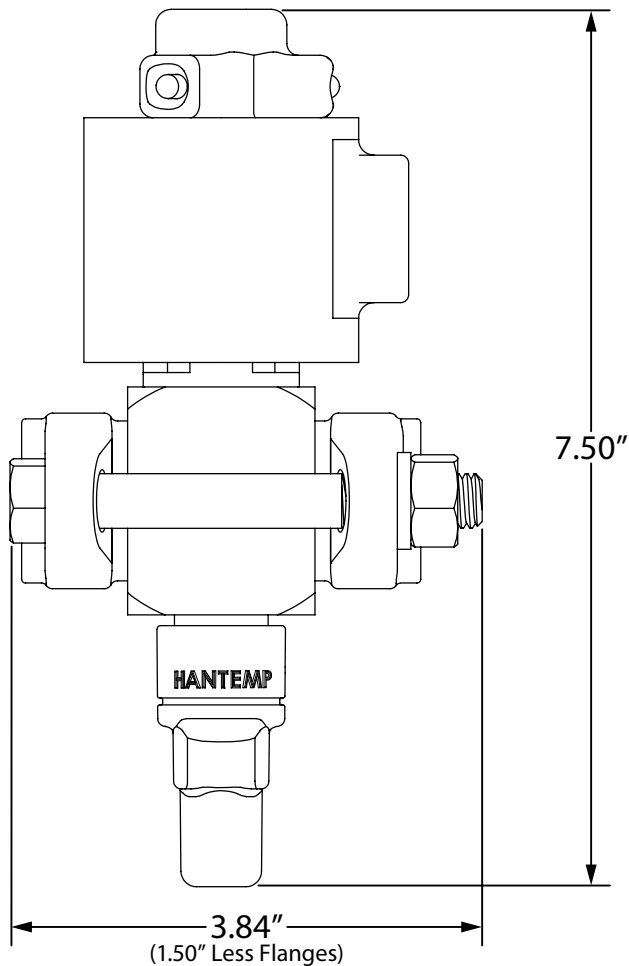
Operating Fluid Temperature: -70°F to +230°F

Approved Refrigerants: Ammonia (R717), R744, R507, R134a and other approved refrigerants

FEATURES:

- Manual opening stem
- Teflon Skirted Piston and Piston Seal
- Available Stainless Steel flanges & hardware
- NEMA 4 rated solenoid coils
- LED pilot lights – require no additional wiring, Green standard, Red and Yellow available.
- DIN Coil Voltages, 24V DC, 24V, 120V, 220V AC, 50/60Hz
- Stainless flanges; SW, BW, FPT, and ODS connections (see reverse side for details)
- Replaces Hansen HS8A, and R/S S8A

S8t Solenoid Valve Installation Dimensions



Available Flange Connections

Size	Socket Weld	Butt Weld	FPT	ODS
050	1/2"	1/2"	1/4"	-
050	3/4"	3/4"	3/8"	3/8"
050	-	-	1/2"	5/8"



1/2" SSFL SW Flange
(Size 050)



3/4" SSFL BW Flange
(Size 050)

*All HANTEMP flanges, and flange hardware (nuts, bolts, and lock washers) are corrosion resistant stainless steel.

AMMONIA CAPACITIES

- Liquid: 4:1 recirculating 38 tons
- Liquid receiver: 112 tons
- Suction 5 tons
- Hot Gas 10 tons
- Cv rating: 3.5

INSTALLATION

Valves should be installed with the directional flow arrow matching the direction of refrigerant flow. Prior to & during welding process, keep dirt from entering the valve.

SAFETY WARNING

The valve should be serviced only by an experienced refrigeration professional. Always wear safety glasses. Before servicing, the valve should be isolated from the system and all refrigerant evacuated from the piping.

SIZING

Valve sizing assistance is available via the HANTEMP Controls factory.

DISCLAIMER

HANTEMP Controls reserves the right to alter product design, materials, and specifications without notice, as necessary.

WARRANTY

All HANTEMP Controls products are warranted against defects in workmanship and materials for a period of one year (90 days for electronics) from date of shipment from the factory. This warranty period is applicable only when products are properly applied, installed, operated, and serviced as specifically stated in HANTEMP Controls product bulletins & datasheets unless otherwise approved in writing. Field labor and travel expenses are not warranty included.



33 Chestnut Avenue
Westmont, IL, USA
(630) 537-1049

www.hantempcontrols.com

