



Proven in the Field

Since the beginning of manufacturing four years ago, over 1000 successful installations of HANTEMP Controls ball valves, A4t pressure regulators, SCV check valves, QSV Service Valves, S4t pilot-light equipped solenoid valves, and SSSL float switches have occurred. In addition several thousand stainless steel flanges, and gauge valves were purchased and successfully installed. Our customers are re-ordering and shipments are steadily increasing. For this we'd like to thank our loyal customers.

Illustrated here are a few examples of HANTEMP Controls successful installations.



MCBV & SSBV APPLICATION

Location: Washington

Requirements: Electronically controllable valve for suction lines on a low-charge DX system.

Solution: HANTEMP Controls MCBV Motor Controlled Ball Valves.

Advantages: High flow maximizes efficiency; integral reversal flow check; ball valves have no piston chatter.



MCBV & SSBV APPLICATION

Location: Indiana

Requirements: Replace piston check valves in side-port economizer to eliminate chattering.

Solution: HANTEMP MCBV Motor Controlled Ball Valves & SSBV Manual Ball Valves.

Advantages: No piston chatter; integral reversal flow check; actuator works in conjunction with compressor.



MCBV APPLICATION

Location: Iowa

Requirements: Efficient valve that provides temperature control & defrost for spiral freezer.

Solution: HANTEMP MCBV Motor Controlled Ball Valve w/ 4-20mA proportional control.

Advantages: Precise modulation of refrigerant flow; high Cv and low pressure-drop.



MCBV APPLICATION

Location: Illinois

Requirements: Slow opening hot gas valves to prevent opening shock on transfer system.

Solution: HANTEMP MCBV Motor Controlled Ball Valve w/ Actuator Speed Control.

Advantages: Adjustable opening speed; reduces wear on down-stream check valve.

RR STATION APPLICATION

Location: New York

Requirements: Temperature control for loading dock of dairy facility.

Solution: HANTEMP Stainless Steel A4Dt Dual-Pressure Regulator RR Stations w/ Stainless Steel SGV Gauge Valves.

SSLL FLOAT APPLICATION

Location: California

Requirements: Reliable, readily available float switch for cold storage retrofitting operation.

Solution: HANTEMP SSLL Stainless Steel Float Switch Assemblies.

MCBV & SSLL APPLICATION

Location: Wisconsin

Requirements: Suction pressure control on plate & frame heat exchanger.

Solution: HANTEMP MCBV Motor Controlled Ball Valves w/ 4-20mA control and SSLL Stainless Steel Float Switch Assemblies.

RR STATION APPLICATION

Location: New Jersey

Requirements: Eliminate condensation and risk of rust contaminating food product.

Solution: HANTEMP Stainless Steel A4Dt equipped RR Stations w/ SGV Gauge Valves.



MCBV & SSBV APPLICATION

Location: Indiana

Requirements: High Cv control and isolation valves for control of high temperature suction.

Solution: HANTEMP MCBV Motor Controlled Ball Valves, and SSBV Manual Ball Valves.

Advantages: 4-20mA control; COBRA-NECK design locates actuator/handle above frost line.



RR STATION APPLICATION

Location: Indiana (cont')

Requirements: Pressure regulators w/ electric shut-off and isolation valves for -20°F liquid line.

Solution: HANTEMP Controls A4St RR Station w/ SGV Stainless Steel Gauge Valves.

Advantages: High visibility triple pilot-light; low pressure-drop isolation valves.

MCBV, S4At & QSV APPLICATION

Location: New Zealand

Requirements: Temperature control for cheese processing facility.

Solution: HANTEMP Stainless Steel MCBV Motor Controlled Valves, S4At Solenoid Valves, and QSV Quarter-Turn Service Valves

MCBV APPLICATION

Location: California

Requirements: Low pressure-drop control for suction lines on ice plant.

Solution: HANTEMP MCBV Motor Controlled Ball Valves.

MCBV & SSBV APPLICATION

Location: Wisconsin

Requirements: Precise temperature control for -40°F spiral freezer.

Solution: HANTEMP Stainless Steel MCBV Motor Controlled Ball Valves w/ 4-20mA control and SSBV manual ball valves.

SSBV APPLICATION

Location: Texas

Requirements: Throttling CO₂ and pressurizing downstream CO₂ during cold system startup.

Solution: HANTEMP SSBV Manual Ball Valve w/ TD (Tear-Drop) Expansion Port Profile.

Our Facilities

- Air conditioned plant and offices in Westmont, Illinois, USA
- On-site CAD design and modeling
- Prototyping model shop
- Proven supply chain for stainless steel castings, precision parts, seats, etc.
- In house CNC machining centers to flexibly meet specific product requirements



"The Stainless Steel Guys"



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