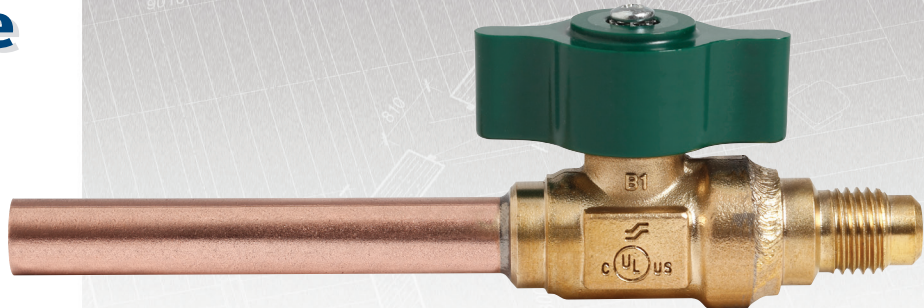




# SHERWOOD VALVE

## SUPERIOR REFRIGERATION PRODUCTS

### High Performance Ball Valve Series



### The Final Word in Low Leakage, High Performance Ball Valves

Superior Refrigeration introduces its new series of high performance valves designed primarily for access locations on refrigeration systems. The High Performance Ball Valve Series was made to replace high-leakage prone access fittings that use valve cores with a refrigerant-saving alternative. The quarter-turn control and 700 PSIG working pressure make it ideal for most refrigerant applications. It is available in a variety of configurations for access shut-off, charging and suction, control monitoring and more.

#### 60% Smaller Size Than Comparable Ball Valve Assemblies

Unlike other ball valve designs, Superior Refrigeration begins with a split valve body assembled with a dual O-ring stem seal. The unit is hermetically sealed and 100% Hydrogen leak tested to assure 0.1 oz/year or less refrigerant leakage across the ball seals and to the atmosphere. The result is a high performing ball valve that is 60% smaller than the smallest conventional ball valve, but with no pressure drop!

#### The Closest Thing to "Zero" Refrigerant Leakage

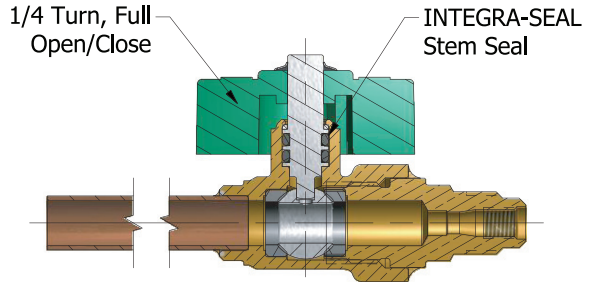
Industry reports indicate conventional access fittings account for 25% of the total refrigerant loss supermarkets experience annually. Superior high performance access ball valves have a 0.1 oz/yr leak rate, which is unheard of with ball-type valves. Less refrigerant leakage means better refrigeration system performance, less down time, reduced maintenance cost and a real boost to the environment!



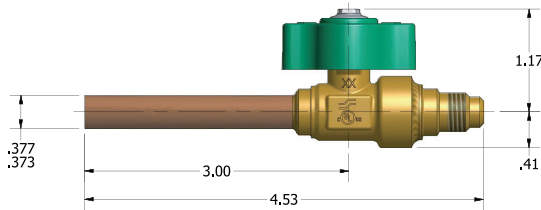
# High Performance Ball Valve Series

## Virtually Eliminates Refrigerant System Leaks

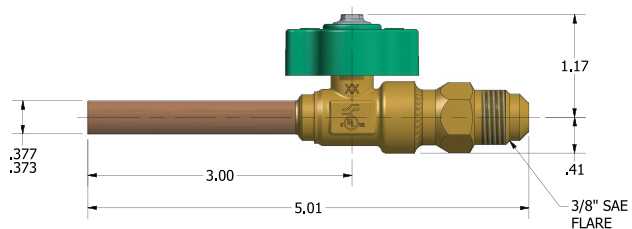
- Compatible with current and ozone friendly natural refrigerants
- 700 PSIG working pressure
- Designed for HVAC and refrigeration applications
- Compatible with mineral, POE, PAG & PVE Oils
- Refrigeration service temperature form -40° F to +300°F
- U.L., C-UL, & CE Compliant
- Suitable for use with all common CFC, HFC, HCFC, Refrigerants & CO<sub>2</sub>; R11, R12, R22, R123, R125R, 134a, R236Fa, R402a, R402b, R404a, R407a, R407c, R410a, R500, R502, R507, & RS44.
- Patent pending



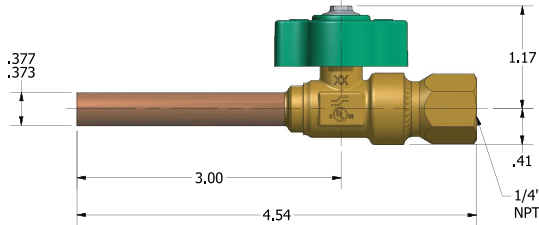
**High Performance Ball Valve - Access Shut-Off**  
586WBSR-6M (1/4")



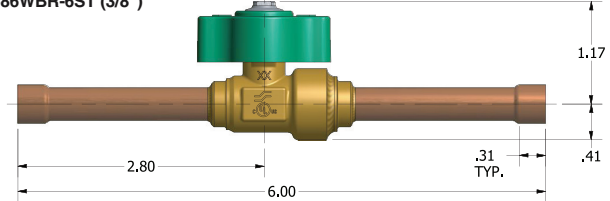
**High Performance Ball Valve - Charging & Suction**  
586WBR-6M6FL (3/8")



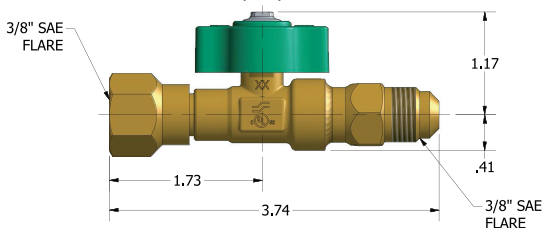
**High Performance Ball Valve - Pressure Control**  
586WBR-6M4FP



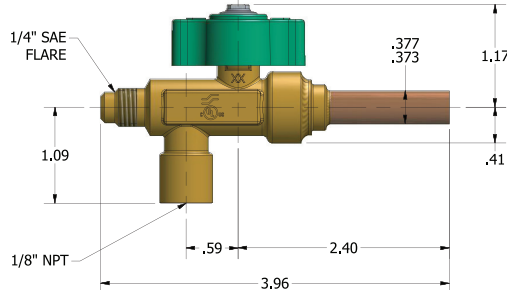
**High Performance Ball Valve - Line Valves**  
586WBR-4ST (1/4")  
586WBR-6ST (3/8")



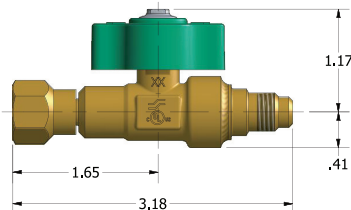
**High Performance Ball Valve - Retro Charging & Suction**  
586WBR-6SW6FL (3/8")



**High Performance Ball Valve - Control Monitoring Transducer**  
586WBSR-6M2FP



**High Performance Ball Valve - Retro Shut-Off Access**  
586WBSR-4SW4FL (1/4")



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