



# In-Line Check Valves

## **900MA In-Line Check Valve Series**

***Designed for easy installation in your HVACR system.***

- Copper connection sizes 3/8" through 2 5/8"
- Hermetically sealed spun copper body
- Thirty-mesh screen to protect seat surface from debris
- Continuous operating temperature (COT): -40°F to 300°F (-40°C to 149°C)
- Full range of sizes
- Magnetic actuation
- Arrow indicates direction of flow
- Can be installed in any position
- Minimal pressure drop
- UL® and cUL Recognized
- For use with CFC, HCFC HFC and HFO refrigerants and oils
- Proprietary seat design minimizes leaks
- CRN 0C8195.5



### **A History of Quality and Innovation**

For nearly a century, Superior has been the world's leading provider of HVACR valves and accessories.

### **Manufacturing Quality, Safety and Reliability**

Superior HVACR products are designed to meet the highest standards, and only quality materials are used. Careful assembly and detailed inspection of every part ensures top performance and durability. Superior is fully certified to the stringent requirements of ISO 9001, which increase manufacturing efficiency and reliability.

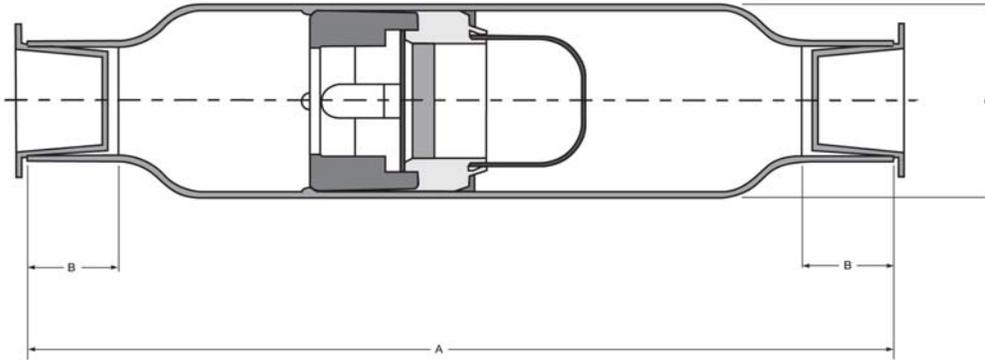
### **Your Valve Partner**

Our engineering team includes experts in product design and development as well as experts in the quality and compliance testing requirements needed to create custom valves to meet your unique applications. We know valves are a system-critical piece of your business and we're proud to provide you with American-made products and service you can trust.

**Superior HVACR Products**

**615.374.0927 • 800.529.5076**

**[www.superiorhvacr.com](http://www.superiorhvacr.com)**



Part Number	Connection (ODS)	Cup Size	A +/- .125	B +/- .030	C	Opening Pressure oz./sq.in.	DP/MAP PSIG	Burst Pressure PSIG	Leak Rate CIM @ 60 psi	Nominal Tons R22 Suction 40° @ 1 psi	Nominal Tons R22 Liquid 40° @ 1 psi	UPC	Weight (lbs.)
900MA-4S	1/4	0.252/0.256	4.00	0.31	0.88	1.2	800	4000	<0.015	0.4	2.6	685768407669	0.19
900MA-6S	3/8	0.378/0.381	4.00	0.31	0.88	1.3	800	4000	<0.015	0.6	3.1	685768407676	0.19
900MA-8S	1/2	0.503/0.506	5.00	0.38	1.13	3.5	800	3800	<0.034	1.2	9.4	685768407683	0.33
900MA-10	5/8	0.628/0.631	5.00	0.50	1.13	3.5	800	3800	<0.034	1.4	13	685768407591	0.34
900MA-14	7/8	0.878/0.881	7.00	0.75	1.63	3.8	800	3000	<0.074	3.7	29	685768407621	0.86
900MA-11	1 1/8	1.128/1.132	8.38	0.94	1.13	6.8	800	3000	<0.122	6.0	51	685768407607	1.53
900MA-13	1 3/8	1.378/1.382	9.38	1.00	2.63	10.2	800	2900	<0.172	9.5	79	685768407614	2.48
900MA-15	1 5/8	1.628/1.633	10.50	1.09	3.13	11.4	800	2900	<0.272	17.0	102	685768407638	3.69
900MA-21	2 1/8	2.128/2.133	12.00	1.34	3.63	18.1	800	2500	<0.386	30.0	213	685768407645	5.60
900MA-25	2 5/8	2.628/2.633	13.00	1.50	4.13	23.0	700	2300	<0.512	50.0	375	685768407652	7.80

**Note:** 900MA Series In-Line Check Valves should not be used with differential pressures above 350 psi.