

79 SERIES

UL LISTED REFRIGERANT BALL VALVE

Job Name:	Contractor:
Job Location:	P.O. Number:
Engineer:	Representative:
Tag:	Wholesale Distributor:

DESCRIPTION

The Apollo® 79 Series is built for easy installation and long service life. Its completely hermetic welded assembly includes copper extensions and forged brass refrigerant ball valve with capped, triple sealed stem to prevent leaks.



FEATURES

- Full-Port
- Bi-Directional Flow Design
- All Sizes UL Listed
- For Use with Group 2 Fluids
- Adjustable Packing Gland
- Blow-Out-Proof Stem Design

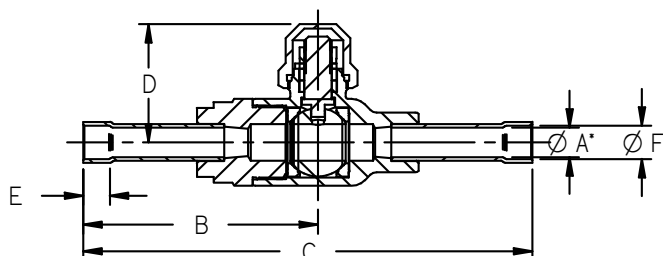
PERFORMANCE RATING

- Maximum Pressure: 500 psi

DIMENSIONS

Model Number	Size	A	B	C	D	E	F	Wt. (lbs.)
79-701	3/8"	0.32	3.18	6.09	1.55	0.38	0.38	0.94
79-702	1/2"	0.45	3.18	6.09	1.55	0.38	0.50	0.94
79-703	5/8"	0.50	3.43	6.59	1.55	0.50	0.62	0.94
79-704	7/8"	0.75	3.69	7.07	1.83	0.75	0.87	1.31
79-705	1 1/8"	1.00	4.20	8.00	2.01	0.90	1.12	2.06
79-706	1 3/8"	1.25	4.54	8.63	2.61	0.96	1.38	4.00
79-707	1 5/8"	1.50	4.47	8.85	2.79	1.09	1.62	4.25
79-708	2 1/8"	2.00	4.84	9.59	3.17	1.34	2.12	6.00
79-709	2 5/8"	2.43	5.00	10.00	3.90	1.48	2.62	17.50
79-600	3 1/8"	2.50	7.00	14.00	3.90	1.67	3.13	17.50

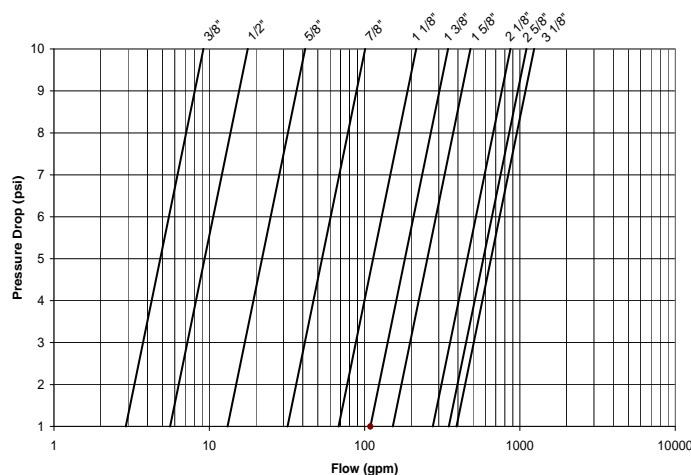
* NOTE: 3 1/8" Size is not full port



MATERIAL SPECIFICATION

Part Name	Material
Cap	ASTM B16 Brass
Stem Packing	RPTFE
Stem Bearing	RPTFE
Ball	ASTM B16 Brass/Chrome
Seat (2)	RPTFE
Packing Gland	ASTM B16 Brass
Stem	ASTM B16 Brass
O-Ring	Neoprene
Stop Plate	Steel, Plated
Hex Nut	ASTM B16 Brass
Retainer	ASTM B16 Brass
Tube Extension	Copper Tubing
Body	ASTM B283 Brass

FLOW CHARACTERISTICS



APPROVALS

- UL Listed: Guide SFJQ: Valves, Refrigerant
- Canadian Registration: OC10908.5C
- Pressure Equipment Directive 97/23/EC (PED)
- Directive 2002/95/CE (RoHS) Compliant

Conbraco Industries, Inc. 701 Matthews Mint Hill Rd. Matthews NC 28106 USA; www.apollovalves.com ; 704-841-6000

This specification is provided for reference only. Conbraco reserves the right to change any portion of this specification without notice and without incurring obligation to make such changes to Conbraco products previously or subsequently sold.