

**"Apollo" Valves** | **COMMERCIAL PRODUCTS**



catalog

[www.apollovalves.com](http://www.apollovalves.com)  
customer service 704.841.6000

**CPCA9000**



integrated  
piping systems

# PRODUCT CATALOG

# CONTENTS



**3-4**  
SERIES NO. & MODEL NO.



**5**  
LEAD FREE PRODUCTS



**SECTION A**  
NEW PRODUCTS



**SECTION B**  
BALL VALVES



**SECTION C**  
BUTTERFLY VALVES



**SECTION D**  
ACTUATION



**SECTION E**  
PRESSURE RELIEF VALVES



**SECTION F**  
HYDRONIC & STEAM HEATING



**SECTION G**  
MIXING VALVES



**SECTION H**  
WATER PRESSURE  
REDUCING VALVES



**SECTION I**  
BACKFLOW PREVENTION



**SECTION J**  
GATE, GLOBE & CHECK VALVES



**SECTION K**  
STRAINERS



**SECTION L**  
LIQUID LEVEL GAUGES



**SECTION M**  
PLUMBING SPECIALTIES



THROUGHOUT THIS CATALOG, PRODUCTS THAT ARE CERTIFIED **LEAD FREE\*** OR HAVE A **LEAD FREE\*** OPTION WILL BE IDENTIFIED WITH THESE LOGOS.

\*LEAD FREE: The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with Federal Public Law 111-380. ANSI 3rd party approved and listed.

Conbraco Industries offers a wide range of Apollo products for potable and non-potable applications. When the use of lead free valves is required by code, specification or legislation, it is the sole responsibility of our customers to ensure that only lead free Apollo products are installed in systems intended for potable water service. Further information related to our product offering and the U.S. Safe Drinking Water Act (SDWA) is available at [www.apollovalves.com/lead\\_free](http://www.apollovalves.com/lead_free) or by contacting Conbraco Customer Service.

\*\* Imported products may be identified as "Apollo International™" or "Conbraco International™".

## TABLE OF CONTENTS BY SERIES NO.

PART NUMBER	MODEL NUMBER	PAGE	PART NUMBER	MODEL NUMBER	PAGE	PART NUMBER	MODEL NUMBER	PAGE
4A-100/4ALF-100	DC4A	I-3	30	111T/116T	J-3	70B		B-7
4ALF-100(LBF)	DC4A	I-10	31-200/400/500	BD90/BDT	M-6	70-HC/70LF-HC		B-7
4A-200/4ALF	RP4A	I-5	31LF-200/400/500		M6	71-100		B-13
4ALF-200(LBF)	RP4A	I-16	31-600/700	BD	M-7	71-500		B-13
4A-400	DCAP	I-21	32-100		B-10	73A-100		B-14
4A-500	PVB-4A	I-8	33/33LF	120S/120T/121T	J-7	75-100-41		B-15
4ALF-600	DCDA-4A	I-4, I-13	33	122T/127T/128T	J-8	76F-100-A		B-14
4ALF-700(LBF)	RPDA-4A	I-18	34ALF	MVA	G-4 - G-5	77F/77FLF		B-30
4ALF-700	RPDA-4A	I-7	34BLF	MVB	G-6 - G-7	77-100		B-15
4A-ST		I-4	34C/34CLF	MVC	G-8 - G-9	77-200		B-16
4AnLF-100(LBF)	DC-4An	I-12	34DLF-400	MVD	G-10	77-900		B-16
4AnLF-200	RP-4An	I-17	34ELF	MVE	G-14 - G-15	77C-100/200-A		B-3
4AnLF-600(LBF)	DCDA-4An	I-15	34HL	MVHL	G-12 - G-13	77CLF-100/200-A		B-4
4AnLF-700(LBF)	RPDA-4An	I-19	34-200	TV	G-11	77CLF-300-A		B-8
4C-100	CBBP	I-27	35	FF	F-5	77C-ULA		B-3
4FP3	DUC-4FP	I-23	35-200	HB	M-6	77D		B-17
4ALF-300	DUC-4A	I-22	35-300	BDQ	M-7	77G-UL		B-26
4SGLF/4SG/4S	DC-4SG	I-11	35-603	FFB	F-5	77V		B-36
4SGLF-600	DCDA-4SG	I-14	36LF	PR	H-5 - H-7	77VLF		B-37
4A-900/4ALF	SVB-4A	I-9	36CLF	PRC	H-8 - H-9	77WA/77WLF-A		B-34
6GA	610F, 620F	J-5	36ELF/36ELF-G	PRE	H-10 - H-15	77W-HCA/77WLF-HCA		B-35
6GA	611F, 621F	J-5	36HLF	PRH	H-16 - H-18	77WCLF		B-35
6GB	711F, 721F	J-9	37LF-200	VRLF	F-4	77WCLF-HC		B-36
6PLF	IBV-125	B-24	38-100/38LF-100	AVB1	I-20	78-124/125		B-29
65C	910F	J-12	38-200	AVB2	I-20	78-130		B-19
65C	910FLW	J-12	38LF-300	HBV2	I-24	78-256		B-29
65C	920F	J-12	38-304, 38LF-304	HBV2	I-25	78-260/78LF-290		B-18
6WC	910WB, 910	J-14	38LF-400	HBVAF2	I-24	78-620		B-19
7K-100		B-17	38-502, 38LF-502	LFDUC	I-25	78-660/962		B-19
7K-SV		B-18	40-000/40LF-000	FPV	I-26	78-RV/78RV-P	EXV	F-13
9A-100		B-20	40-200-T2S	RP-40S	I-6	79-700		B-20
10	RVW10	E-3 - E-4	40-300/40LF-300	DUC	I-23	80-100		B-25
10-322/10-512	RV32, RVS52	E-5 - E-6	4ALF-400	DCAP	I-21	82-100/82LF-100		B-21
10-600	RVW60/61	E-7 - E-9	40-XT	EXP	F-23	82-200/82LF-200		B-21
12-200	RVS12	E-10, E-13	41		M-3	82-200/240 MedGas		B-22-23
13	RVS13	E-11, E-13	44-100		M-6	90-100-A		B-25
14-200	RVS14	E-12 - E-13	50	GCB	M-4	94A		B-31
14-400/500	RVA14	E-14 - E-17	50GB	GB50/GB50A	B-28	94ALF-A		B-32
14-600	RVV14	E-15, E-17	51	GC	M-5	94 MBV		B-24
15-100	RVA15	E-18 - E-19	51G	GB10/15/16	B-27	94VLF-A		B-38
16-200/16LF-200	RVW16	E-20	52	GC2	M-5	94XLF		B-38
16-500/16LF-500	RVW16A	E-21	55	GCR	M-5	95ALF		B-33
16XT	EXT	F-23	58	BAV	F-7	119		E-35 - E-39
17-400	RVW17	E-22	58A		F-6	500		E-41 - E-46
18C-400	TP/TPX	E-23	58B		F-7	612	YSS	K-4
18C-500	TPC	E-24	59/59LF	YB	K-2 - K-3	612	YCS/YCSW	K-4
19		E-25 - E-29	59-300/59LF-300	YBS	K-3	A127		H-19 - H-20
20-100/20LF-100		L-6 - L-12	59V	YVB	K-4	Actuation Accessories		D-4
20-200		L-6 - L-12	61-100/61LF-100	CVB	J-22	AD/AS	AD/AS	D-2
20-300		L-6 - L-12	61-200	CVB	J-22	AE	AE	D-3
20-410		L-6 - L-12	61-500/61LF-500	CVBE	J-24	AGD		I-28
20-600/800		L-6 - L-12	61-600/61LF-500	CVBES	J-24	Ball Valve Options		B-2, B-11 - B-12
20-700/710		L-6 - L-12	61-700	CV	J-26	DPE		E-40
21		L-6 - L-12	61Y/61YLF	161S	J-10	ENC4ANI		I-12
215	HPBFV	C-16	61Y/61YLF	161T	J-10	I-2733/2734		L-13
230	HPBFV	C-16	61Y	162T	J-10	LC149		C-12
23-400/23-600		L-6 - L-12	61Y/61YLF	163S	J-10	LD/WD 141		C-13 - C-14
24-300		L-6 - L-12	61Y/61YLF	163T	J-10	LD/WD 145		C-13
24-600		L-6 - L-12	61Y	164T	J-10	Mixing Valve Accessories		G-16
25-600		L-6 - L-12	61Y	168T	J-10	TPK		H-13
260		C-16	61Y	169T	J-10	W279900		H-20
26-100/26-300/26-700	CG/CGH	M-2	62-100	CVS	J-23	W807800	HCPG	H-20
26-500	CGH	M-6	62-500	CVSE	J-25	YCF/YCF-E	YCF	K-6
27-200	RAV	F-24	70-100-BC		J-27	YCT	YCT	K-5
27-400	SGS	M-2	70-100/200		B-5			
29		E-30 - E-34	70LF-100/200		B-6			
30/30LF	101S/101T	J-2	70-200		B-5			
30/30LF	102S	J-2	70-300/400		B-8			
30	102T-K	J-3	70LF-300/400		B-8			
30-30LF	102T	J-3	70-600		B-9			
30	103T	J-3	70-800/70LF-800		B-9			
30	106T/107T	J-3	70-900		B-10			

INTRODUCTION

New Product or Option

## TABLE OF CONTENTS BY MODEL NO.

MODEL NUMBER	PART NUMBER	PAGE	MODEL NUMBER	PART NUMBER	PAGE	MODEL NUMBER	PART NUMBER	PAGE
101S	30/30LF	J-2	CGH	26-300	M-6	MVB	34BLF	G-6 - G-7
101T	30/30LF	J-2	CGH	26-500	M-6	MVC	34C/34CLF	G-8 - G-9
102S	30/30LF	J-2	CV	61-700	J-26	MVD	34DLF-400	G-10
102T	30/30LF	J-3	CVB	61-100	J-22	MVE	34ELF	G-14 - G-15
102T-K	30	J-3	CVB	61LF-100	J-22	MVHL	34HL	G-12 - G-13
103T	30	J-3	CVB	61-200	J-22	PR	36LF	H-5 - H-7
106T	30	J-3	CVB	61LF-200	J-22	PRC	36CLF	H-8 - H-9
107T	30	J-3	CVBE	61-500	J-24	PRE	36ELF	H-10 - H-15
111T	30	J-3	CVBE	61LF-500	J-24	PRH	36HLF	H-16 - H-18
116T	30	J-3	CVBES	61-600	J-24	PVB-4A	4A-500	I-18
120S	33/33LF	J-7	CVS	62-100	J-23	RAV	27-200	F-24
120T	33/33LF	J-7	CVSE	62-500	J-25	RP-40S	40-200-T2S	I-6
121T	33/33LF	J-7	DC-4An	4AnLF-100(LBF)	I-12	RP-4An	4AnLF-200	I-17
122T	33	J-8	DC-4SG	4SGLF/4SG/4S	I-11	RP4A	4ALF-200(LBF)	I-5
127T	33	J-8	DC4A	4ALF-100(LBF)	I-3	RP4A	4A-200	I-5
128T	33	J-8	DC4A	4A-100	I-3	RP4ALF	4A-200/4ALF	I-5
161S	61Y/61YLF	I-8	DC4A	4ALF-100	I-3	RPDA-4A	4ALF-700	I-6
161T	61Y/61YLF	J-10	DCAP	4A-400	I-21	RPDA-4An	4AnLF-700	I-19
162T	61Y	J-10	DCDA-4A	4ALF-600(LBF)	I-4, I-13	RVA14	14-400/500	E-14 - E-17
163S	61Y/61YLF	J-10	DCDA-4An	4AnLF-600(LBF)	I-15	RVA15	15-100	E-18 - E-19
163T	61Y/61YLF	J-10	DCDA-4SG	4SG-600	I-14	RVS12	12-200	E-10, E-13
164T	61Y	J-10	DPE	DPE	E-40	RVS13	13	E-11, E-13
168T	61Y	J-10	DUC-4A	4ALF-300	I-22	RVS14	14-200	E-12 - E-13
169T	61Y	J-10	DUC-4FP	4FP3	I-23	RVS32	10-322	E-5 - E-6
37LF-200	VRLF	F-4	DUCLF-4A	4ALF-300	I-22	RVS52	10-512	E-5 - E-6
610F	6GA	J-5	EXP	40-XT	F-23	RVV14	14-600	E-15, E-17
611F	6GA	J-5	EXT	16XT	F-23	RVW10	10	E-3 - E-4
620F	6GA	J-5	EXV	78RV/78LF-RV	F-13	RVW16	16-200/16LF-200	E-20
621F	6GA	J-5	FF	35	F-5	RVW16A	16-500/16LF-500	E-21
711F/721F	6GB	J-9	FFB	35-603	F-5	RVW17	17-400	E-22
910F	6SC	J-10	FPV	40-000/40LF-000	I-26	RVW60/61	10-600	E-7 - E-9
910FLW	6SC	J-12	GB10/15	51G	B-27	SGS	27-400	M-2
910WB	6WC	J-12	GB50/GB50A	50G	B-28	SVB-4A	4A-900/4ALF	I-9
910WE	6WC	J-14	GC	51	M-5	TP	18C-400	E-23
920F	6SC	J-12	GC2	52	M-5	TPC	18C-500	E-24
AD/AS	AD/AS	D-2	GCB	50	M-4	TPX	18C-402X	E-23
AE	AE	D-3	GCR	55	M-5	TV	34-200	G-11
AVB1	38-100	I-20	HB	35-200	M-6	VRLF	37LF-200	F-4
AVB1	38LF-100	I-20	HBDUC	38-304	I-25	YB	59	K-2 - K-3
AVB2	38-200	I-20	HBV2	38LF-300	I-24	YB	59LF	K-2 - K-3
BAV	58	F-7	HBVAF2	38LF-400	I-24	YBS	59-300/59LF-300	K-3
BD	31-600	M-7	HCPG	W-8078-00	H-20	YCF	YCF	K-6
BD	31-700	M-7	HPBFV	215	C-16	YCS/YCSW	612	K-4
BD90/BDT	31-200/400/500	M-6	HPBFV	230	C-16	YCT	YCT	K-5
BDQ	35-300	M-7	IBV 125	6PLF	B-24	YSS	612	K-4
CBBP	4C-100	I-27	LDUC	38-502	I-25	YVB	59V	K-4
CG/CGH	26-100/26-300/26-700	M-2	MVA	34ALF	G-4 - G-5			

New Product or Option

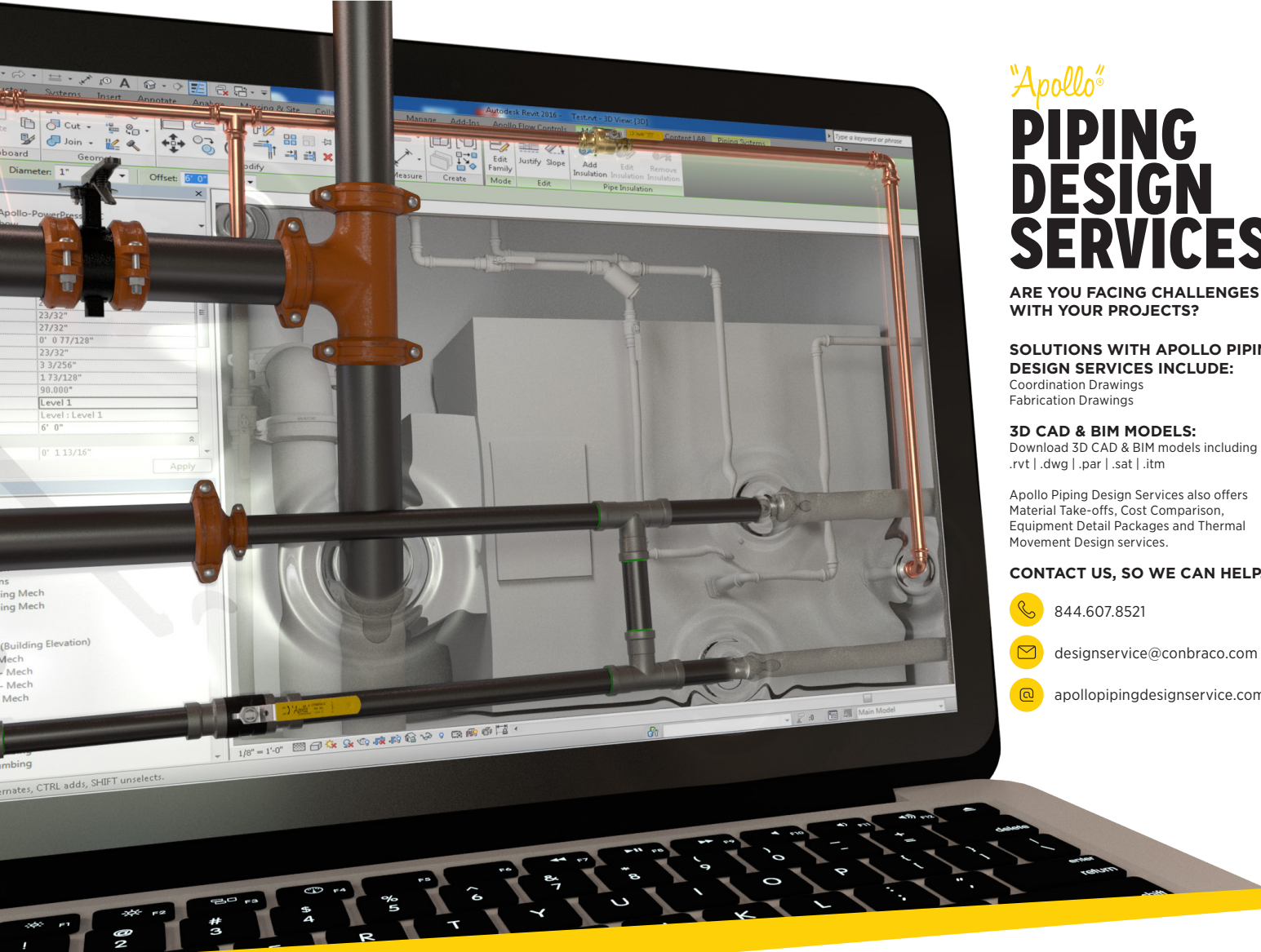


**ANSI 3<sup>RD</sup> PARTY CERTIFIED PRODUCTS INCLUDE:**

SERIES	SIZES	DESCRIPTION	CONNECTIONS
16LF	1/2" - 3/4"	Pressure Relief Valve	NPT
215/230	2" - 24"	High Performance Butterfly Valve	Lug, Wafer
20LF-100	1/2"	Water Gauge	NPT
30LF	1/4" - 3"	Bronze Gate Valve	NPT, Solder, Press
31LF	1/2", 3/4"	Compression Bibb Faucet	NPT, Solder
33LF	1/4" - 2"	Bronze Globe Valve	NPT, Solder, Press
34ALF	1/2" - 1"	Mixing Valve	NPT, Solder, PEX, CPVC
34BLF	1/2" - 1"	Mixing Valve	NPT, Solder, PEX, CPVC
34CLF	3/4" - 2"	Mixing Valve	NPT
34DLF	3/8"	Mixing Valve	Compression
36LF	1/2" - 2"	Water Pressure Reducing Valve	NPT, Solder, PEX, CPVC
36CLF	1/2" - 1"	Water Pressure Reducing Valve	NPT, Solder, PEX, CPVC, Push, Press
36ELF	1/2" - 2"	Water Pressure Reducing Valve	NPT, Solder, PEX, CPVC, Push, Press
36HLF	1/2" - 3"	Water Pressure Reducing Valve	NPT, Flanged
37LF	1/2" - 3/4"	Vacuum Relief	NPT
38LF-100	1/4" - 2"	Atmospheric Vacuum Breaker	NPT
40LF-000	1/8"	Freeze Protection Valve	NPT
40LF-300	1/2" - 1"	Dual Check Valve	NPT, NPSM, BSPP
40LF-400	1/2" - 3/4"	Dual Check with Atmospheric Port	NPT, Solder, BSPP
40XT	3/4"	Expansion Tanks, Potable	NPT
4ALF-100	1/2" - 2"	Double Check Valve	NPT
4ALF-100	2 1/2" - 12"	Double Check Valve	Flanged, Grooved
4ALF-200	1/2" - 2"	Reduced Pressure Assembly	NPT
4ALF-200	2-1/2" - 12"	Reduced Pressure Assembly	Flanged, Grooved
4ANLF-100	2-1/2" - 12"	Double Check Valve	Flanged, Grooved
4ANLF-200	2-1/2" - 12"	Reduced Pressure Assembly	Flanged, Grooved
4CI00	1/4" - 3/8"	Carbonated Beverage Backflow Preventer	NPT, Flare
4FPLF300	1" - 1-1/4"	Residential Fire Protection Dual Check Valve	NPT, NPSM
4NLF300	3/8" - 1"	Dual Check Valve	NPT, NPSM, BSPP
4SG100	2-1/2" - 6"	Double Check Valve	Flanged, Grooved
59LF	1/8" - 4"	Strainer, Bronze	NPT, Push, Press
6GA	2" - 24"	Cast Iron Gate Valve	Flanged
6GB	2" - 10"	Cast Iron Globe Valve	Flanged
6PLF	2" - 10"	Cast Iron Ball Valve	Flanged
6SC	2" - 20"	Cast Iron Globe Check Valve	Flanged
6WC	2" - 24"	Cast Iron Check Valve	Wafer
61LF100	1/4" - 3"	Check Valve, Bronze, Ball Cone	NPT, Push
61LF500	3/8" - 3/4"	Check Valve, Bronze, Soft Seat	NPT
61YLF	1/4" - 2"	Swing Check, Bronze	NPT, Solder, Press
70LF	1/4" - 4"	Ball Valve, Bronze	NPT, Solder
70LF-HC	1/2" - 1"	Ball Valve, Bronze, Hose Cap & Chain	NPT, Solder
76	1/4" - 3"	Ball Valve, SS Standard Port	NPT
76F	1/2" - 2"	Ball Valve, SS Full Port	NPT
77CLF-A	1/4" - 2-1/2"	Ball Valve, Bronze	NPT, Solder
77FLF	1/4" - 4"	Ball Valve, Brass	NPT, Solder
77VLF	1/2" - 4"	Ball Valve, Brass	Press
77WLF	1/2" - 2"	Ball Valve, Bronze	Press
77WLF-HC	1/2" - 3/4"	Ball Valve, Bronze, Hose Cap & Chain	Press
78-RV	3/4"	Ball Valve, Thermal Expansion Relief	NPT, Solder, PEX, Push
82LF	1/4" - 2-1/2"	Ball Valve, Bronze, 3 Piece	NPT, Solder / Brazed
86A	1/4" - 2"	Ball Valve, SS 3 Piece 1500 CWP	NPT, Socket Weld, Butt Weld
86B	1/4" - 2"	Ball Valve, SS 3 Piece Class 600	NPT, Socket Weld, Butt Weld
87A-200	1/2" - 4"	Ball Valve, SS ASME 150#	Flanged
94ALF-A	1/4" - 4"	Ball Valve, Brass	NPT, Solder
94VLF-A	1/2" - 4"	Ball Valve, Brass	Press
94XLF	1/2" - 1"	Ball Valve, Lead Free Brass	PEX
95ALF	1/2" - 1"	Ball Valve, Brass, Stop and Waste	NPT, Solder
LC149	2" - 12"	Butterfly Valve	Lug
LD/WD 141	2" - 24"	Butterfly Valve	Lug, Wafer
LD/WD 145	2" - 12"	Butterfly Valve	Lug, Wafer
YCT	1/4" - 3"	Strainer, Cast Iron	NPT
YCF-E	2" - 12"	Strainer, Cast Iron, Epoxy Coated	Flanged

\*List is not all inclusive; other lead free products available.  
See individual product pages or submittals for lead free options.





"Apollo"

# PIPING DESIGN SERVICES

**ARE YOU FACING CHALLENGES WITH YOUR PROJECTS?**

**SOLUTIONS WITH APOLLO PIPING DESIGN SERVICES INCLUDE:**  
Coordination Drawings  
Fabrication Drawings

**3D CAD & BIM MODELS:**  
Download 3D CAD & BIM models including .rvt | .dwg | .par | .sat | .itm

Apollo Piping Design Services also offers Material Take-offs, Cost Comparison, Equipment Detail Packages and Thermal Movement Design services.

**CONTACT US, SO WE CAN HELP.**

- ☎ 844.607.8521
- ✉ [designservice@conbraco.com](mailto:designservice@conbraco.com)
- 🌐 [apollopipingdesignservice.com](http://apollopipingdesignservice.com)

# "Apollo"® MASTER SPECIFICATIONS

**FREE DOWNLOADS OF APOLLO, SHURJOINT AND ELKHART PRODUCTS SPECIFICATION SECTIONS AT:**  
[APOLLOVALVES.COM/MASTERSPEC](http://APOLLOVALVES.COM/MASTERSPEC)

## BSD SpecLink

BSD SPECLINK SUBSCRIBERS CAN ACCESS FULL SERVICE APOLLO SPECIFICATIONS AND SPEC CREATION, BIM/CAD SERVICES.



## "Apollo"® Valves

Three state-of-the-art manufacturing facilities in the Carolinas, including two world-class foundries, allow us to manufacture dependable products using high-quality materials, including cast bronze, forged brass, cast steels and stainless, as well as other alloys.

Over 90% of the 30,000 valves we ship each day are made in the USA, and every valve produced in our foundries is 100% factory-tested and backed by a 5-year warranty. Our extensive distribution facility network gets you what you need, when you need it, no matter where you are. That's the Apollo advantage.



**AMERICAN NATIONAL STANDARDS INSTITUTE**



**AMERICAN SOCIETY OF MECHANICAL ENGINEERS**



**ASSE INTERNATIONAL**



**CONFORMITÉ EUROPÉENNE/PRESSURE EQUIPMENT DIRECTIVE**



**CSA INTERNATIONAL**



**FACTORY MUTUAL**



**INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS  
UNIFORM PLUMBING CODE**



**INTERNATIONAL CODE COUNCIL**



**MANUFACTURERS STANDARDIZATION SOCIETY**



**NATIONAL BOARD OF BOILER & PRESSURE VESSEL INSPECTORS**



**NATIONAL SANITATION FOUNDATION**



**NATIONAL STANDARDS AUTHORITY OF IRELAND**



**TRUESDAIL LABORATORIES**



**TÜV RHEINLAND**



**UNDERWRITERS LABORATORY**