

82-200/82-240 SERIES

THREE-PIECE FULL PORT VALVE WITH BRAZED TUBE EXTENSIONS

"F1 - 1 GAUGE PORT", "F3 - 2 GAUGE PORTS", & "NO GAUGE PORT" CONFIGURATIONS

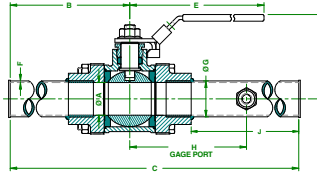
- Bronze Valve Body & End Caps
- RPTFE Seats and Stem Packing
- 600 psig CWP Non-Shock (3" & 4" 400 CWP)
- Vacuum Service to 29" Hg
- Full Port in All Sizes
- Blowout-Proof Stem Design
- Adjustable Packing Nut
- In-Line Repairable
- Latch Lock Handle
- Cleaned and Bagged for Oxygen
- Service per CGA G4.1 & NFPA 99
- Factory Brazed Extensions Allow Solder or Brazed Installation Without Disassembly
- Type K Copper Tubing Brazed Into Both End Caps
- **Proudly Made in USA**

OUTSIDE THE ZONE BOX

NFPA 99 requires the valves to be secured in the open position. For medical gas applications that are Outside-the-Zone-Box, Apollo offers three standard configurations: "F1" (1 gauge port), "F3" (2 gauge ports) & no gauge ports (w/ locking handles).

82-200-F1/82-240-F1 SERIES

MALE EXTENSIONS - 1 GAUGE PORT



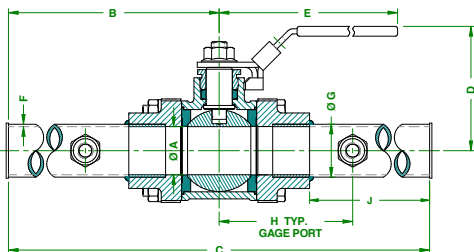
DIMENSIONS

OXYGEN CLEANED					SIZE (IN.)	DIMENSIONS (IN.)										WT. (LB.)
BRASS TRIM PLATED PART NUMBER	316SS BALL & STEM PART NUMBER	BRASS TRIM PLATED PART NUMBER	316SS BALL & STEM PART NUMBER	316SS BALL, STEM & EXT. TRIM PART NUMBER		A	B	C	D	LOCKING	NON LOCKING	F	G	H	J	
										E	E					
W/ LOCKING HANDLE					W/ NON-LOCKING HANDLE											
82-203-F1	82-243-F1	82-203-F2	82-243-F2		1/2"	0.62	6.91	17.41	2.23	5.31	4.75	0.049	0.625	7.15	9.10	1.7
82-204-F1	82-244-F1	82-204-F2	82-244-F2		3/4"	0.81	6.97	17.47	2.41	5.31	4.75	0.065	0.75	7.22	8.78	2.4
82-205-F1	82-245-F1	82-205-F2	82-245-F2		1"	1.00	7.03	17.62	3.01	6.29	5.56	0.065	1.25	7.28	5.09	3.4
82-206-F1	82-246-F1	82-206-F2	82-246-F2		1-1/4"	1.25	7.38	22.71	3.22	6.29	5.56	0.065	1.375	7.00	12.97	5.5
82-207-F1	82-247-F1	82-207-F2	82-247-F2		1-1/2"	1.50	7.50	22.57	4.04	8.93	7.75	0.072	1.625	6.74	12.48	8.5
82-208-F1	82-248-F1	82-208-F2	82-248-F2		2"	2.00	7.74	22.58	4.15	8.93	7.75	0.083	2.125	6.51	11.76	14.0
82-209-F1	82-249-F1	82-209-F2	82-249-F2		2-1/2"	2.50	11.75	23.50	5.31	10.06	9.92	0.095	2.50	6.38	8.13	26.8
-	-	-	-	82A-240-E9	3"	3.00	11.94	23.87	8.10	18.00*	-	0.0450	3.00	7.75	7.76	42.2
-	-	-	-	82A-24A-E9	4"	4.00	12.68	25.37	8.88	18.00*	-	0.0700	4.00	8.00	7.25	106.0

*3" & 4" valves come standard with SS ball and stem (not optional) and adjustable length locking handles.

82-200-F3/82-240-F3 SERIES

MALE EXTENSIONS - 2 GAUGE PORTS



DIMENSIONS

OXYGEN CLEANED W/ LOCKING HANDLE		SIZE (IN.)	DIMENSIONS (IN.)										WT. (LB.)
BRASS TRIM PLATED PART NUMBER	316SS BALL & STEM PART NUMBER		A	B	C	D	LOCKING	F	G	H	J		
							E						
82-203-F3	82-243-F3	1/2"	0.62	12.27	24.53	2.23	5.31	0.049	0.625	4.25	10.84	1.66	
82-204-F3	82-244-F3	3/4"	0.81	12.25	24.50	2.41	5.31	0.065	0.75	4.24	10.53	2.37	
82-205-F3	82-245-F3	1"	1.00	12.30	24.60	3.01	6.29	0.065	1.25	4.24	10.32	3.43	
82-206-F3	82-246-F3	1-1/4"	1.25	12.23	24.46	3.22	6.29	0.065	1.375	4.23	9.89	5.50	
82-207-F3	82-247-F3	1-1/2"	1.50	12.25	24.50	4.04	8.93	0.072	1.625	4.25	9.63	8.51	
82-208-F3	82-248-F3	2"	2.00	12.25	24.50	4.15	8.93	0.083	2.125	4.25	9.18	14.0	
82-209-F3	82-249-F3	2-1/2"	2.50	11.75	23.50	5.31	10.06	0.095	2.50	6.38	8.13	26.81	
-	82A-240-F3	3"	3.00	11.94	23.87	8.10	18"	0.0450	3.00	7.75	7.78	42.24	
-	82A-24A-F3	4"	4.00	12.68	25.37	8.88	18"	0.0700	4.00	8.00	7.25	106.0	

*3" & 4" valves come standard with SS ball and stem (not optional) and adjustable length locking handles.