

Mixing units, wash down and hoses station

16350 blv. Gouin Ouest, Ste-Geneviève, Québec H9H 1E1

Toll free : 1-800-624-4709 (514)624-4772 Fax : 624-4776

Email : info@charlandthermojet.com Web: www.charlandthermojet.com



7

INDUSTRIAL PLUMBING, VALVES & FITTINGS
FOR GENERAL APPLICATIONS
AIR OR LIQUIDS

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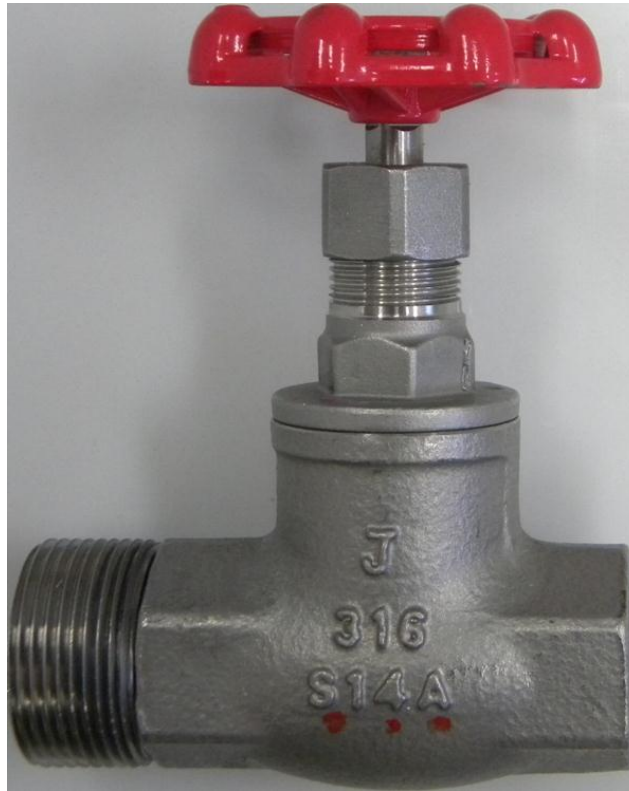
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HIGH QUALITY STAINLESS STEEL BALL VALVES



DIMENSIONS				
	Size	CV factor	torque (N/M)	WT. (kg)
8	1/4"	6	2.0	0.3
10	3/8"	7	2.5	0.3
15	1/2"	10	3.0	0.3
20	3/4"	25	5.5	0.58
25	1"	35	7.0	1.04
32	1-1/4"	46	15	1.54
40	1-1/2"	80	20	2.26
50	2"	110	25	3.80
65	2-1/2"	310	43	6.80
80	3"	360	45	11.58

HIGH QUALITY STAINLESS STEEL GLOBE VALVES



DIMENSIONS			
Size	Open length (in)	Handle dia. (in)	WT (pound)
3/8"	4.29	2.36	1.31
1/2"	4.37	2.36	1.44
3/4"	4.41	2.76	2.06
1"	5.59	3.54	3.04
1-1/4"	5.91	3.54	4.33
1-1/2"	6.73	3.94	6.25
2"	7.44	4.53	9.83
2-1/4"	9.96	7.09	14.67
3"	11.02	8.86	21.50

Pressure and Temperature : 200 PSIG @ 250 °F (121 °C) – static fluids
150 PSIG @ 250 °F (121 °C) – fluids with pulse / gas
120 PSIG @ 350 °F (177 °C) – saturated steam

CLASS 150 HIGH QUALITY BRONZE GLOBE VALVES



DIMENSIONS			
Sizes	Open length (in)	Handle dia. (in)	WT (pound)
1/4"	4.29	2.36	0.96
3/8"	4.29	2.36	0.98
1/2"	4.57	2.76	1.11
3/4"	5.35	3.54	1.88
1"	5.87	3.94	3.13
1-1/4"	6.81	4.53	4.42
1-1/2"	7.17	4.53	5.75
2"	8.23	5.31	10.50
2-1/4"	9.72	6.10	17.33
3"	10.83	7.09	28.00

Pressure and temperature : 150 PSIG @ 406 °F (208 °C) – static fluids
300 PSIG – water, oil or gas without pulse
150 PSIG @ 366 °F (186 °C) – saturated steam

Wide choice of hose adapters

Part # 21S – Swivel adapter



Swivel – 1/2, 5/8, 3/4" (12.7, 15.9, 19 mm) ID hose (for water-saver spray nozzle)

Part # S21S – Stainless steel swivel adapter



Part # 21 – Regular adapter



Sizes – 1/2, 5/8, 3/4" (12.7, 15.9, 19 mm) ID hose (for water-saver spray nozzle)

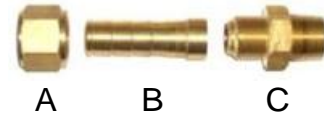


Size – 3/4" Garden hose thread (for water-saver spray nozzle)

Détails :



Assembled : 3/4" NPT male hose coupling (3/4" (19 mm) hose)



Exploded : A hose shank
 B adapter nut
 C adapter 3/4" NPT male



Part # 22 Part # 25

Available sizes : 1/2, 5/8, 3/4" (12.7, 15.9, 19 mm)

DOUBLE LOCK QUICK CONNECT

Complete line of quick connects available in brass, steel and stainless steel.



The quick connects turn out to be very useful when it is necessary to quickly connect and disconnect hoses or jet pistols. These are available in several sizes to satisfy the specific needs of every situation. It is also possible to have these directly installed on the exit of most Charland Thermojet mixers.

Series	Size	Rated pressure for material		
		Brass	Steel	Stainless steel
1-HK	1/8"	3000 PSI	4000 PSI	5000 PSI
2-HK	1/4"	2700 PSI	3700 PSI	3700 PSI
3-HK	3/8"	2200 PSI	3700 PSI	3700 PSI
4-HKP	1/2"	2250 PSI	5000 PSI	4250 PSI
6-HKP	3/4"	2000 PSI	4000 PSI	3500 PSI
8-HKP	1"	1500 PSI	4000 PSI	2500 PSI
10-HK	1-1/4"	1200 PSI	1700 PSI	1700 PSI
12-HK	1-1/2"	1500 PSI	2200 PSI	2200 PSI
20-HK	2-1/2"	700 PSI	1500 PSI	1500 PSI

STRAIGHT-THROUGH QUICK CONNECT



Female part

Size	Part number		Thread
	Laiton	Acier inoxydable	
1/8"	1-S11BS	LL1-S11	1/8-27
1/4"	2-S16	LL2-S16	1/4-18
3/8"	3-S21	LL3-S21	3/8-18
1/2"	4-S26	LL4-S26	1/2-14
3/4"	6-S31	LL6-S31	3/4-14
1"	8-S36	LL8-S36	1-11 1/2

Male part

Size	Part number		Thread
	Laiton	Acier inoxydable	
1/8"	B1-T11	LL1-T11	1/8-27
1/4"	B2-T16	LL2-T16	1/4-18
3/8"	B3-T21	LL3-T21	3/8-18
1/2"	B4-T26	LL4-T26	1/2-14
3/4"	B6-T31	LL6-T31	3/4-14
1"	B8-T36	LL8-T36	1-11 1/2

Other dimensions available for special orders.

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Wide choice of fittings made of steel, stainless steel, brass, or chromed brass



Available dimensions : from 1/4" to 2"

(other dimensions available for specials orders)

For more information or any questions please contact us.