

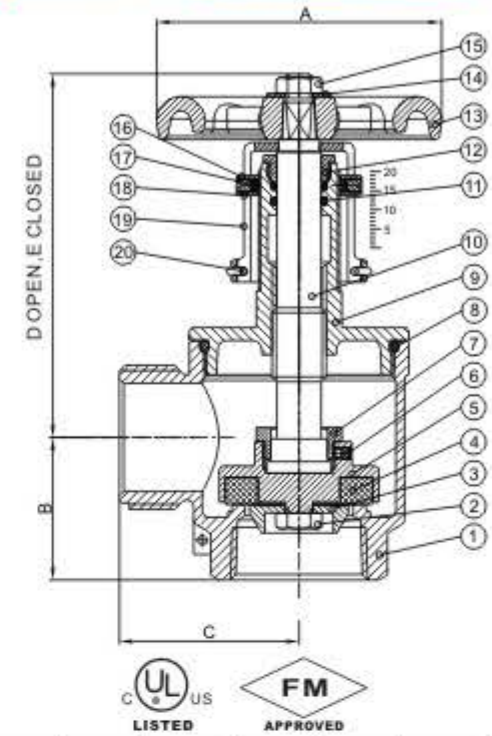


HC-103(DWG.J282)

Pressure Reducing Device Angle Valve
175 Lb. Rated Adjustable restriction of
residual pressure up to 175 lb. Locking
pin device restricts full opening of valve
by untrained personnel, pin may be
removed by firefighters to allow full
opening of valve.
FEMALE x MALE

Standard equipment:
Female NPT inlet x male hose thread
outlet forged brass valve Red hand wheel

Optional Finishes:
PB-Polished Brass
RC-Rough Chrome Plated
PC-Polished Chrome Plated



	A	B	C	D	E
1½"x1½"	100	50	63	127.5	153
2½"x2½"	125	68	79	162	206

NO	DESCRIPTION	MATERIALS	NO	DESCRIPTION	MATERIALS
1	BODY	ASTM B283 C37700	11	LOCK NUT	ASTM B283 C37700
2	WHEEL NUT	ASTM B283 C37700	12	ORING	NBR
3	WASHER	SS304	13	HANDLE WHEEL	DUCTILE IRON
4	SEAT SEAL	NBR	14	WHEEL WASHER	SS304
5	HOLDER	ASTM B283 C37700	15	WHEEL NUT	ASTM B283 C37700
6	SET SCREW	SS304	16	COLLAR	ASTM B283 C37700
7	LOCK NUT	ASTM B283 C37700	17	WASHER	PA6
8	ORING	NBR	18	SET SCREW	ASTM B283 C37700
9	BONNET	ASTM B283 C37700	19	SET NUMBERS	ASTM B283 C37700
10	STEM	ASTM B283 C37700	20	WIRE	SS304



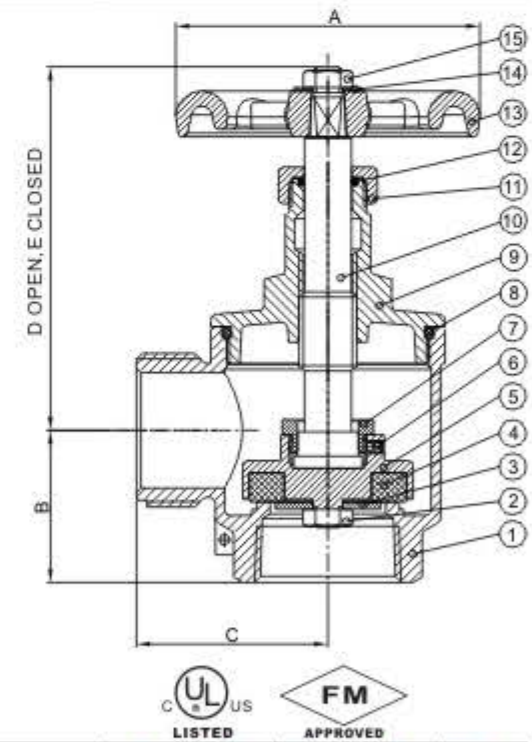
HC-104(DWG.J282)

Pressure Reducing Device Angle Valve 175 Lb.
Rated Adjustable restriction of residual pressure
up to 175 lb. Locking pin device restricts full
opening of valve by untrained personnel, pin may
be removed by firefighters to allow full opening
of valve.

DOUBLE FEMALE

Standard equipment:
Female NPT inlet and outlet forged brass valve
Red hand wheel

Optional Finishes:
PB-Polished Brass
RC-Rough Chrome Plated
PC-Polished Chrome Plated



	A	B	C	D	E
1½"x1½"	100	50	63	119.5	145
2½"x2½"	125	68	79	157	200

NO	DESCRIPTION	MATERIALS	NO	DESCRIPTION	MATERIALS
1	BODY	ASTM B283 C37700	11	LOCK NUT	ASTM B283 C37700
2	WHEEL NUT	ASTM B283 C37700	12	ORING	NBR
3	WASHER	SS304	13	HANDLE WHEEL	DUCTILE IRON
4	SEAT SEAL	NBR	14	WHEEL WASHER	SS304
5	HOLDER	ASTM B283 C37700	15	WHEEL NUT	ASTM B283 C37700
6	SET SCREW	SS304	16	COLLAR	ASTM B283 C37700
7	LOCK NUT	ASTM B283 C37700	17	WASHER	PA6
8	ORING	NBR	18	SET SCREW	ASTM B283 C37700
9	BONNET	ASTM B283 C37700	19	SET NUMBERS	ASTM B283 C37700
10	STEM	ASTM B283 C37700	20	WIRE	SS304

Hose Valves

Hose valves of 1 1/2 in. (38 mm) may be used on connections from sprinkler systems; 2 1/2 in. (64 mm) valves are used on hose standpipes and fire pump headers. For pressures above 175 psi (1205 kPa), an appropriate pressure reducing device shall be used.

Hose Valves, Angle

Pressure Restricting Hose Valves, Angle

Model J282

<i>Model</i>	<i>Product Description</i>	<i>Maximum Working Pressure, psi (kPa)</i>	<i>Nominal Pipe Size, in.</i>
J282	Female Connection x Male Connection	175 (1205)	1-1/2, 2-1/2
J282	Female Connection x Female Connection	175 (1205)	1-1/2, 2-1/2

Model J282 – 1-1/2 inch – Setting “5”

<i>Inlet Pressure, psi (kPa)</i>	<i>Outlet Pressure, psi (kPa) at Constant Flow Rate Settings</i>				
	<i>50 gpm (190 L/min)</i>	<i>70 gpm (265 L/min)</i>	<i>90 gpm (340 L/min)</i>	<i>110 gpm (415 L/min)</i>	<i>130 gpm (495 L/min)</i>
50 (345)	46 (317)	42 (290)	37 (255)	30 (207)	23 (159)
75 (515)	71 (490)	67 (462)	62 (427)	55 (379)	48 (331)
100 (690)	96 (662)	92 (634)	87 (600)	80 (552)	73 (503)
150 (1035)	146 (1006)	142 (970)	137 (945)	130 (896)	123 (848)
175 (1205)	171 (1179)	167 (1151)	162 (1117)	155 (1069)	148 (1020)

Model J282 – 1-1/2 inch – Setting “15”

<i>Inlet Pressure, psi (kPa)</i>	<i>Outlet Pressure, psi (kPa) at Constant Flow Rate Settings</i>				
	<i>50 gpm (190 L/min)</i>	<i>70 gpm (265 L/min)</i>	<i>90 gpm (340 L/min)</i>	<i>110 gpm (415 L/min)</i>	<i>130 gpm (495 L/min)</i>
50 (345)	49 (335)	47 (325)	46 (316)	44 (300)	41 (284)
75 (515)	74 (507)	72 (498)	71 (488)	69 (472)	66 (456)
100 (690)	99 (680)	97 (670)	96 (661)	94 (645)	91 (629)
150 (1035)	149 (1025)	147 (1015)	146 (1005)	144 (989)	141 (974)
175 (1205)	174 (1197)	172 (1187)	171 (1178)	169 (1162)	166 (1146)

Model J282 – 2-1/2 inch – Setting “5”

<i>Inlet Pressure, psi (kPa)</i>	<i>Outlet Pressure, psi (kPa) at Constant Flow Rate Settings</i>			
	<i>50 gpm (190 L/min)</i>	<i>100 gpm (380 L/min)</i>	<i>150 gpm (570 L/min)</i>	<i>200 gpm (755 L/min)</i>

50 (345)	49 (336)	46 (314)	40 (276)	33 (230)
75 (515)	74 (509)	71 (487)	65 (449)	58 (403)
100 (690)	99 (681)	96 (659)	90 (621)	83 (575)
150 (1035)	149 (1026)	146 (1004)	140 (966)	133 (920)
175 (1205)	174 (1198)	171 (1176)	165 (1138)	158 (1092)

Model J282 – 2-1/2 inch – Setting “20”

Inlet Pressure, psi (kPa)	Outlet Pressure, psi (kPa) at Constant Flow Rate Settings				
	100 gpm (380 L/min)	150 gpm (570 L/min)	200 gpm (755 L/min)	250 gpm (945 L/min)	300 gpm (1135 L/min)
50 (345)	49 (337)	48 (330)	46 (319)	44 (305)	42 (288)
75 (515)	74 (510)	73 (502)	71 (491)	69 (477)	67 (460)
100 (690)	99 (682)	98 (674)	96 (663)	94 (649)	92 (632)
150 (1035)	149 (1027)	148 (1019)	146 (1008)	144 (994)	142 (977)
175 (1205)	174 (1199)	173 (1191)	171 (1180)	169 (1167)	167 (1149)

Company Name:	Ningbo Huacheng Valve Co. Ltd.
Company Address:	Chengguan, Ninghai, Ningbo, Zhejiang 315600 China
Company Website:	http://www.huachengvalve.com
New/Updated Product Listing:	No
Listing Country:	China
Certification Type:	FM Approved



VUTX.EX26977 Pressure-reducing and -Restricting Devices

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Pressure-reducing and -Restricting Devices

[See General Information for Pressure-reducing and -Restricting Devices](#)
NINGBO HUACHENG VALVE CO LTD

EX26977

CHENGGUAN NINGHAI

NINGBO, ZHEJIANG 315600 CHINA

Reducing valves

Model	Valve Type	Body Type	NPS	Bonnet Type*	End Configuration Inlet by Outlet	Max Rated Inlet Pressure, psig	Supervisory Switch+
J282-121	Restricting - Adjustable	Angle	1.5	—	Female X Male Female X Female	175	—
J282-221	Restricting - Adjustable	Angle	2.5	—	Female X Male Female X Female	175	—

* Different bonnet configurations are selected based upon inlet pressure conditions and desired outlet pressure.

+ I = Indoor installation; O = Outdoor installation

NPT - National Pipe Thread

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