



2 1/2" FNPT x FNPT  
1 1/2" FNPT x FNPT

**HC-102(DWG.J281)**

ANGLE HOSE VALVE

300lb. RATED

Used with a Fire Hose Rack Assembly

Or as a Fire Dept. outlet connection

DOUBLE FEMALE

**Standard equipment:**

Female NPT inlet and outlet forge brass valve

Outlet cast brass valve

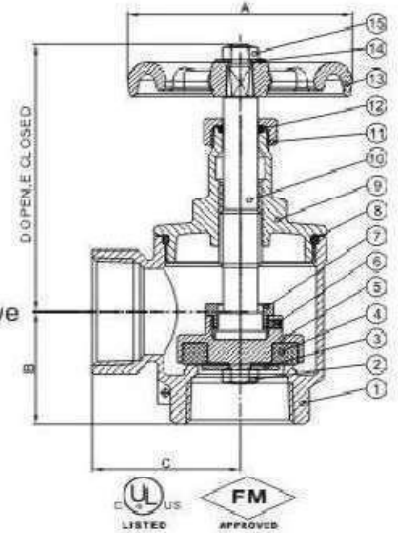
Red hand wheel.

**Optional Finishes:**

PB-Polished Brass

RC-Rough Chrome Plated

PC-Polished Chrome Plated



	A	B	C	D	E
1 1/2" x 2 1/2"	3.94	1.97	2.60	4.70	5.71
2 1/2" x 2 1/2"	4.92	2.68	3.27	6.18	7.87

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

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20140110-EX16364  
**Report Reference** EX16364-20140108  
**Issue Date** 2014-JANUARY-10

**Issued to:** NINGBO HUACHENG VALVE CO LTD  
CHENGGUAN NINGHAI  
NINGBO, ZHEJIANG 315600 CHINA


**This is to certify that representative samples of** HOSE VALVES  
Angle type, model J281

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

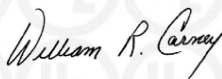
**Standard(s) for Safety:** UL 668, Standard for Hose Valves for Fire Protection Service;  
ULC/ORD C668, Guide for the Investigation of Hose Valves for Fire-Protection Service

**Additional Information:** See the UL Online Certifications Directory at [www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Listing Mark for the US and Canada should be considered as being covered by UL's Listing and Follow-Up Service meeting the appropriate requirements for US and Canada.

The UL Listing Mark for the US and Canada generally includes: the UL in a circle symbol with "C" and "US" identifiers:  the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

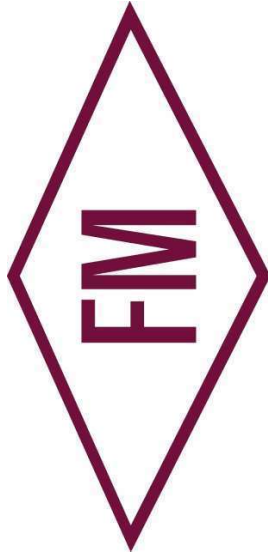
Look for the UL Listing Mark on the product.



William R. Carney, Director, North American Certification Programs  
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at [www.ul.com/contactus](http://www.ul.com/contactus)





**APPROVED**

# Certificate of Compliance

This certificate is issued for the following:

**Angle Hose Valves**

**Model J281 in sizes 1-1/2 and 2-1/2 inch NPS**

**Prepared for:**

Ningbo Huacheng Valve Co. Ltd.  
Chengguan, Ninghai, Ningbo  
Zhejiang 315600  
China

**Manufactured at:**

Ningbo Huacheng Valve Co. Ltd.  
Chengguan, Ninghai, Ningbo  
Zhejiang 315600  
China

FM Approvals Class: 1521

Approval Identification: 0003049539

Approval Granted: December 13, 2013

To verify the availability of the Approved product, please refer to [www.approvalguide.com](http://www.approvalguide.com)

Said Approval is subject to satisfactory field performance, continuing Surveillance Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

Richard B. Dunne  
Group Manager - Fire Protection  
FM Approvals  
1151 Boston-Providence Turnpike  
Norwood, MA 02062



*Member of the FM Global Group*

# Hose Valves

## COMPANY

### NINGBO HUACHENG VALVE CO LTD

No 103 Chezhan East Rd  
Huangtan Town  
Ninghai, Zhejiang 315600 China

EX16364

Trademark and/or Tradename:



Note: For additional marking information, refer to the [Guide Information Page](#).

*View model for additional information*

**Angle Type - 90°**, Model(s): J281

Last Updated on 2024-05-20

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# Models J281, J282-121

## Product Description

Model No	Description	Valve Size		Rated Working Pressure	
		in	(mm)	psi	(kPa)
J281	Standard Hose Valve Female NPT x Male NH, Female NPT x Female NPT, Female NPS x Female NPS	1 1/2	(38)	300	(2065)
J281	Standard Hose Valve Female NPT x Male NH Female NPT x Female NPT Female NPS x Female NPS Female NPT x Male NYC Thread Groove x Male NH Groove x Male NYC Thread	2 1/2	(64)	300	(2065)
J282-121	Pressure Restricting Hose Valve  Female NPT x Male NH Female NPT x Female NPT	1 1/2	(38)	175	(1205)
J282-121	Pressure Restricting Hose Valve  Female NPT x Male NH Female NPT x Female NPT	1 1/2	(38)	300	(2065)
J282-221	Pressure Restricting Hose Valve  Female NPT x Male NH Female NPT x Female NPT Rc x M78x2	2 1/2	(64)	175	(1205)
J282-221	Pressure Restricting Hose Valve  Female NPT x Male NH Female NPT x Female NPT Rc x M78x2	2 1/2	(64)	300	(2065)

## Details

<b>Category</b>	Hose Valves, Angle
<b>Class of Work</b>	1521 - Angle Hose Valves

## Company

Ningbo Huacheng Valve Co. Ltd.  
No 103 East Chezhan Rd,  
Huangtan Town, Ninghai, Ningbo  
City, Zhejiang 315600 China  
<http://huachengvalve.com>



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<b>Approval Standard</b>	FM 1521, 1522 - Angle and Straightaway Hose Valves
<b>Certification Type</b>	FM Approved
<b>Listing Country</b>	China

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