

Needle Valves, Truck Valves, Lanyard Valve

Advantages

Parker Needle and Truck Valves have metal-to-metal seats, with fine-thread screwdown. This enables positive sealing up to the capacity of the valve.

The Lanyard Valves' compact design is ideally suited for releasing condensate from air tanks. Available with various lengths of cable. Brass construction with specially formulated low temperature seal which remains elastic to temperatures as low as -40°F. It is manufactured for use with low pressure air systems such as air tanks on heavy trucks. Consult division for use with other fluids.

Working Pressure and Temperature

Valves are designed to withstand up to 150 PSI working pressure, unless otherwise noted. See specific part number for temperature range.

Needle Valves Installation Instructions

Series NV valves should always be installed with the pressure against the seat. Refer to drawing to determine correct direction of flow.

Lanyard Valve Operating Instructions

A pulling action exerted on the cable cocks the stem, allowing condensate to pass through the valve. Releasing the cable resets the stem which returns the valve to its closed position.

Order

By part number and name.

Nomenclature

Part numbers are constructed from symbols that identify the style and size of the fitting. The first series of numbers and letters identifies the style and type fitting. The second series of numbers describes the size.

Example:	NV	101	F	-4	-2
Needle Valve	_____	_____	_____	_____	_____
Angle Needle Valve	_____	_____	_____	_____	_____
Flared to Male Pipe	_____	_____	_____	_____	_____
1/4" (4/16) Tube O.D.	_____	_____	_____	_____	_____
1/8" (2/16) Pipe Thread	_____	_____	_____	_____	_____

Example:	LV91	-4	-060
Lanyard Valve	_____	_____	_____
1/4" Pipe Thread	_____	_____	_____
Length of Cable in inches	_____	_____	_____

Special Valves

Valve configurations and/or sizes other than those shown in the catalog can be furnished. It is suggested that a print or sketch be submitted with the inquiry.

Pricing

Only items priced in current supplementary price list PL3501 are carried in stock. Price and delivery for non-stock items furnished on request for specified quantity.

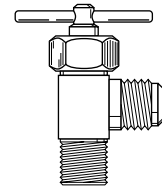
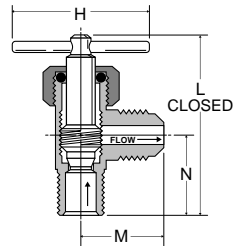
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Angle Needle Valve NV101F

Flare to Male Pipe

Temperature Range: -45° to +250° F

PART NO.	TUBE SIZE	PIPE THREAD	H	L	M	N
NV101F-4-2	1/4	1/8	1.50	1.58	.75	.66
NV101F-6-4	3/8	1/4	1.38	1.86	.95	.90

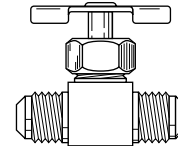
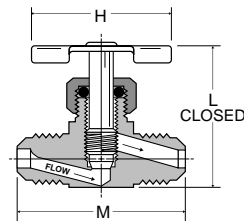


Needle Valve NV102F

Flare to Flare *Provided with Pin Handle

Temperature Range: -45° to +250° F

PART NO.	TUBE SIZE	H	L	M
NV102F-4*	1/4	1.50	1.34	1.50
NV102F-6	3/8	1.38	1.55	1.86

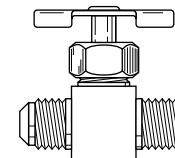
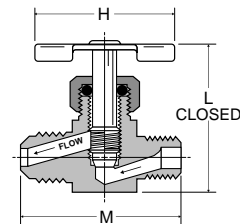


Needle Valve NV103F

Flare to Male Pipe

Temperature Range: -45° to +250° F

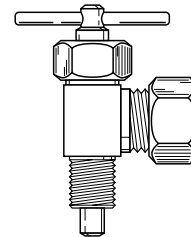
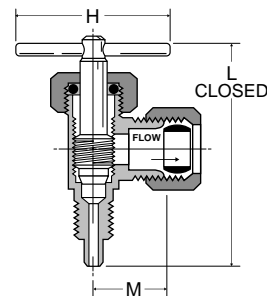
PART NO.	TUBE SIZE	PIPE THREAD	H	L	M
NV103F-4-2*	1/4	1/8	1.50	1.33	1.35
NV103F-6-4	3/8	1/4	1.38	1.56	1.73



Humidifier Valve HV104C

Temperature Range: -45° to +250° F

PART NO.	TUBE SIZE	PIPE THREAD	H	L	M
HV104C-4-2	1/4	1/8	1.50	1.89	.53

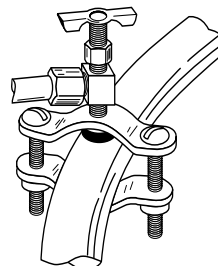


Humidifier Valve clamp kit HV104C-kit

Temperature Range: -30° to +250° F

Clamp fits 3/8" O.D. through 1.315" O.D. tube or pipe. Kit includes 60PT-4 and 63PT-4 for assembly with plastic or nylon tubing. For complete kit, specify entire part number as shown below:

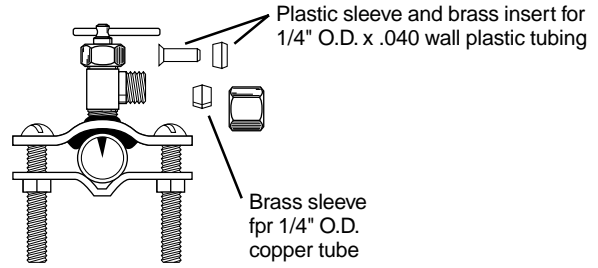
PART NO.	TUBE SIZE	PIPE THREAD
HV104C-4-2 KIT	1/4	1/8



Self-Piercing Humidifier Valve clamp kit SPV104C-kit

Temperature Range: -30° to +250° F
 Clamp fits 3/8" O.D. through 1.315" O.D. tube or pipe. Kit includes 60PT-4 and 63PT-4 for assembly with plastic or nylon tubing. For complete kit, specify entire part number as shown below:

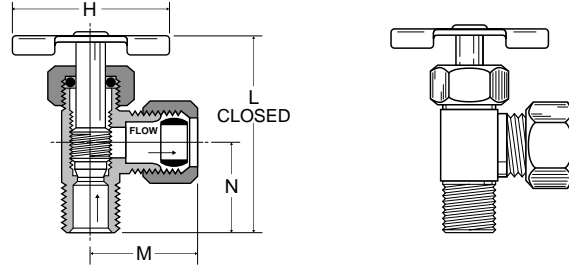
PART NO.	TUBE SIZE	PIPE THREAD
SPV104C KIT	1/4	1/8



Angle Needle Valve NV104C

Compression to Male Pipe *Provided with Pin Handle
 Temperature Range: -45° to +250° F

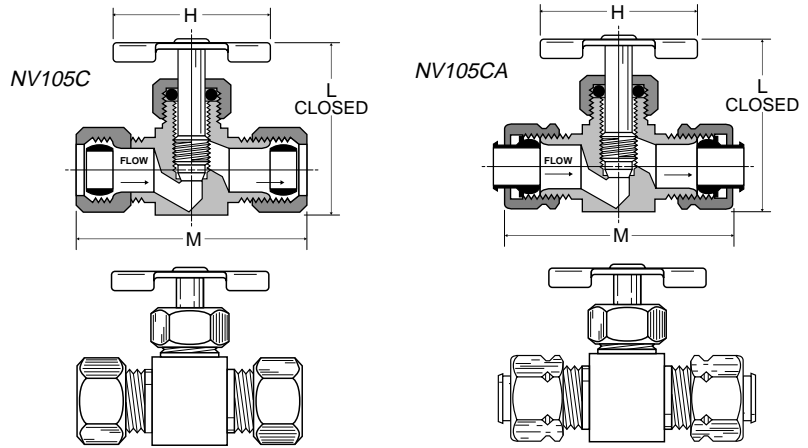
PART NO.	TUBE SIZE	PIPE THREAD	H	L	M	N
NV104C-4-2*	1/4	1/8	1.50	1.54	.88	.67
NV104C-4-4	1/4	1/4	1.38	1.80	.93	.75
NV104C-5-2*	5/16	1/8	1.50	1.63	.88	.68
NV104C-6-4	3/8	1/4	1.38	1.76	.94	.81



Needle Valve NV105C-NV105CA

Compression to Compression *Provided with Pin Handle
 Temperature Range: -45° to +250° F

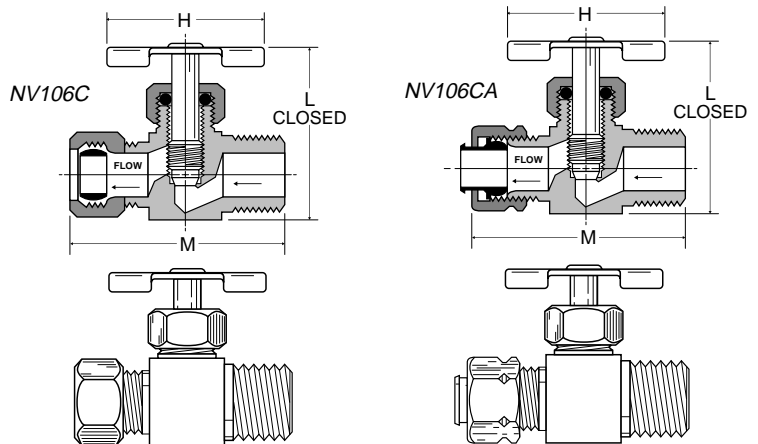
PART NO.	TUBE SIZE	H	L	M
NV105C-4*	1/4	1.50	1.41	1.75
NV105C-5*	5/16	1.50	1.35	1.73
NV105C-6	3/8	1.38	1.55	1.93
NV105CA-4*	1/4	1.50	1.41	1.64
NV105CA-6	3/8	1.38	1.55	1.78



Needle Valve NV106C-NV106CA

Compression to Male Pipe *Provided with Pin Handle
 Temperature Range: -45° to +250° F

PART NO.	TUBE SIZE	PIPE THREAD	H	L	M
NV106C-4-2*	1/4	1/8	1.50	1.41	1.53
NV106C-4-4*	1/4	1/4	1.50	1.40	1.55
NV106C-5-2*	5/16	1/8	1.50	1.35	1.50
NV106C-6-4	3/8	1/4	1.38	1.56	1.75
NV106CA-4-2	1/4	1/8	1.50	1.41	1.47
NV106CA-6-4	3/8	1/4	1.38	1.53	1.78

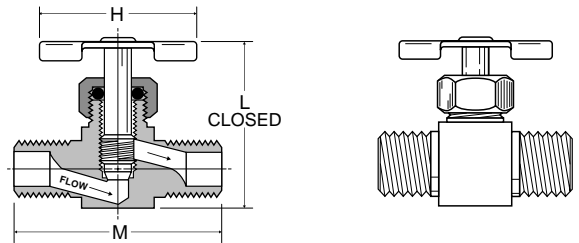


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Needle Valve NV107P

Male Pipe to Male Pipe *Provided with Pin Handle
 Temperature Range: -45° to +250° F

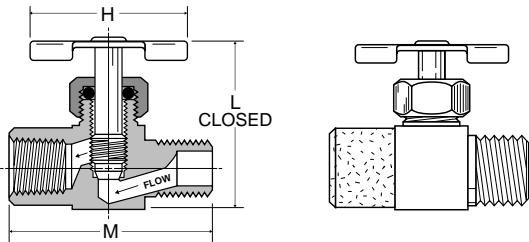
PART NO.	PIPE THREAD	H	L	M
NV107P-2*	1/8	1.50	1.35	1.25
NV107P-4	1/4	1.38	1.54	1.65



Needle Valve NV108P

Female Pipe to Male Pipe *Provided with Pin Handle
 Temperature Range: -45° to +250° F

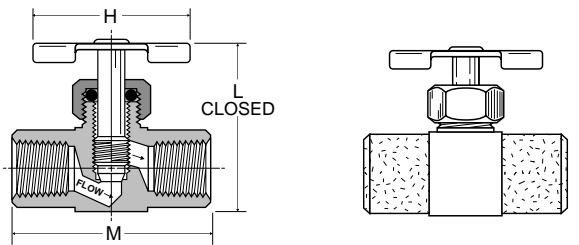
PART NO.	PIPE THREAD	H	L	M
NV108P-2*	1/8	1.50	1.36	1.25
NV108P-4	1/4	1.38	1.56	1.61



Needle Valve NV109P

Female Pipe to Female Pipe *Provided with Pin Handle
 Temperature Range: -45° to +250° F

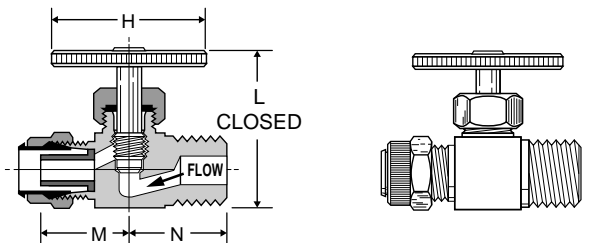
PART NO.	PIPE THREAD	H	L	M
NV109P-2*	1/8	1.50	1.35	1.25
NV109P-4	1/4	1.38	1.53	1.62



Needle Valve NV311P

Poly-Tite to Male Pipe
 Temperature Range: 0° to +150° F

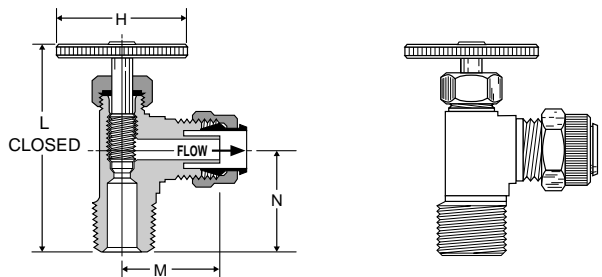
PART NO.	TUBE SIZE	PIPE THREAD	H	L	M	N
NV311P-4-2	1/4	1/8	1.07	1.17	.50	.63
NV311P-4-4	1/4	1/4	1.07	1.18	.50	.72
NV311P-6-4	3/8	1/4	1.07	1.19	.56	.72



Angle Needle Valve NV312P

Ploy-Tite to Male Pipe
 Temperature Range: 0° to +150° F

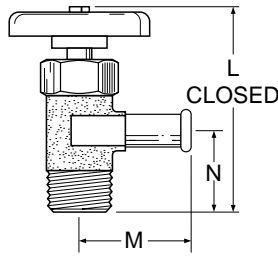
PART NO.	TUBE SIZE	PIPE THREAD	H	L	M	N
NV312P-4-2	1/4	1/8	1.07	1.53	.48	.68
NV312P-4-4	1/4	1/4	1.07	1.72	.56	.86
NV312P-6-4	3/8	1/4	1.07	1.68	.64	.86



Truck Valve V404P

Hose to Male Pipe
 Temperature Range: -30° to +250° F

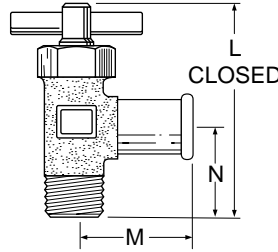
PART NO.	HOSE I.D.	PIPE THREAD	FLOW	L	M	N
V404P-6-6	3/8	3/8	.281	2.35	1.36	.94
V404P-10-6	5/8	3/8	.406	2.75	1.31	1.15



Truck Valve V404PH

Hose to Male Pipe with Pin Handle
 Temperature Range: -30° to +250° F

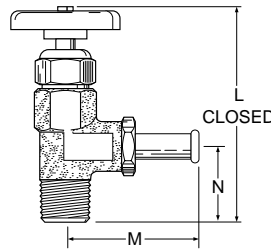
PART NO.	HOSE I.D.	PIPE THREAD	FLOW	L	M	N
V404PH-10-6	5/8	3/8	.406	2.47	1.31	1.09



Truck Valve SV404P

Hose to Male Pipe
 Temperature Range: -30° to +250° F

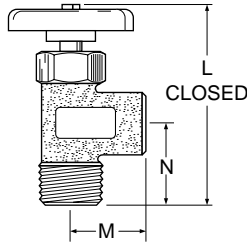
PART NO.	HOSE I.D.	PIPE THREAD	FLOW	L	M	N
SV404P-10-8	5/8	1/2	.468	3.71	2.31	1.34
SV404P-12-6	3/4	3/8	.438	3.73	2.31	1.34
SV404P-12-8	3/4	1/2	.562	3.73	2.31	1.34



Truck Valve V405P

Female Pipe to Male Pipe
 Temperature Range: -30° to +250° F

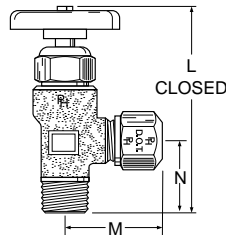
PART NO.	FEMALE PIPE THREAD	MALE PIPE THREAD	FLOW	L	M	N
V405P-6-6	3/8	3/8	.406	2.72	.91	1.19
V405P-6-8	3/8	1/2	.406	2.95	.91	1.31
V405P-8-8	1/2	1/2	.562	3.15	1.17	1.34



Truck Valve V408NTA

Tube to Male Pipe
 Temperature Range: -30° to +250° F

PART NO.	TUBE SIZE	PIPE THREAD	FLOW	L	M	N
V408NTA-8-8	1/2	1/2	.328	3.28	1.15	1.19



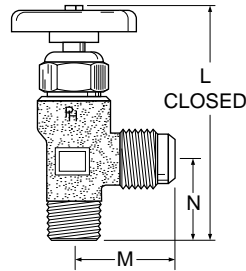
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Truck Valve V409F

Flare to Male Pipe

Temperature Range: -30° to +250° F

PART NO.	TUBE SIZE	PIPE THREAD	FLOW	L	M	N
V409F-8-6	1/2	3/8	.406	3.07	1.31	1.00
V409F-8-8	1/2	1/2	.406	3.28	1.31	1.19
V409F-10-8	5/8	1/2	.500	3.47	1.50	1.25
V409F-12-8	3/4	1/2	.562	3.70	2.31	1.34

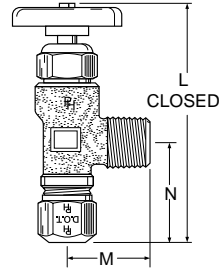


Truck Valve V410NTA

Tube to Male Pipe

Temperature Range: -30° to +250° F

PART NO.	TUBE SIZE	PIPE THREAD	FLOW	L	M	N
V410NTA-8-8	1/2	1/2	.328	3.58	1.38	1.31

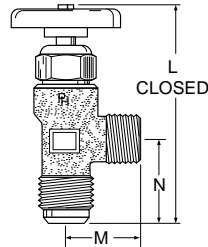


Truck Valve V412F

Tube to Male Pipe

Temperature Range: -30° to +250° F

PART NO.	TUBE SIZE	PIPE THREAD	FLOW	L	M	N
V412F-10-8	5/8	1/2	.500	3.60	1.38	1.31



Lanyard Valve LV91

Temperature Range: -40° to +200° F

PART NO.	PIPE THREAD	CABLE LENGTH INCHES
LV91-4-036	1/4	36
LV91-4-048	1/4	48
LV91-4-060	1/4	60

