

NOW WITH
DIELECTRIC
ISOLATION
SLEEVE

DELTA P (ΔP) DIELECTRIC PUMP FLANGE VALVE WITH PRESSURE GAUGE

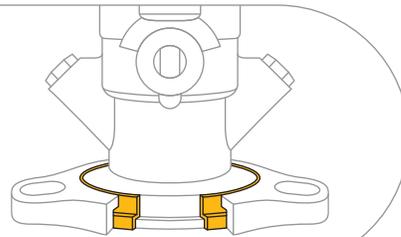
In addition to being the only pump flange valve that includes a pressure gauge port that allows you to quickly monitoring your system, it now includes dielectric isolation sleeve in the rotating flange.



New

Dielectric isolation

The dielectric isolation sleeve in the rotating flange prevents dissimilar metal corrosion (galvanic corrosion).

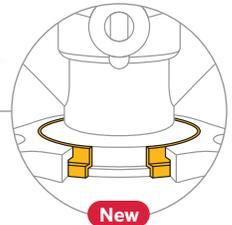


A quick overview
of the system

Simplify drainage
and filling

Ensures a great seal

DIELECTRIC PUMP FLANGE VALVE KIT



Dielectric isolation

The Kit

Technical Specifications

- ▶ Full port brass ball valve
- ▶ Connections: NPT, Sweat, Press or PEX, 3/4" to 1 1/2"
- ▶ Dielectric rotating flange **New**
- ▶ 1 valve with drain and gauge port
- ▶ 1 valve with 2 gauge ports
- ▶ Ball valve isolation for circulating pumps
- ▶ Threaded end complies with ANSI B1.20.1
- ▶ 500 CWP (Cold Working Pressure)



NPT

Gauge not included

Model#	Size	Weight		Qty/box [†]
		lb	kg	
PF034N	3/4"	3.3	1.5	12
PF100N	1"	4.2	1.9	8
PF114N	1 1/4"	5.5	2.5	8
PF112N	1 1/2"	6.4	2.9	4

Sweat

Gauge not included

Model#	Size	Weight		Qty/box [†]
		lb	kg	
PF034S	3/4"	3.2	1.5	12
PF100S	1"	4.1	1.9	8
PF114S	1 1/4"	5.4	2.4	8
PF112S	1 1/2"	6.2	2.8	4

Press

Gauge not included

Model#	Size	Weight		Qty/box [†]
		lb	kg	
PF034P	3/4"	3.4	1.6	12
PF100P	1"	4.2	1.9	8
PF114P	1 1/4"	5.7	2.6	8
PF112P	1 1/2"	6.8	3.1	4

PEX F1960

Gauge not included

Model#	Size	Weight		Qty/box [†]
		lb	kg	
PF034F	3/4"	3.3	1.5	12
PF100F	1"	4.2	1.9	8
PF114F	1 1/4"	5.6	2.6	8
PF112F	1 1/2"	6.6	3.0	4

Each Kit Includes

- ▶ 1 flange valve with drain
- ▶ 1 flange valve without drain
- ▶ 2 gaskets
- ▶ 4 nuts and 4 bolts



Pressure Gauge

Models with a pressure gauge allows you to check the system pressure at any time and react quickly in the event that the system is not within its normal pressure range. The gauge gives a precise reading between 0 and 100 PSI (0-690 kPa).



Optional

Model#	PSI	Weight	
		lb	kg
GAGE0-30BOTTOM	0-30	0.22	0.1
GAGE0-100BOTTOM	0-100	0.22	0.1

Pump Flange Valve

Unit

With drain



Technical Specifications

- ▶ Full port brass ball valve
- ▶ Connections: NPT, Sweat, Press or PEX, ¾" to 1½"
- ▶ Dielectric rotating flange
- ▶ Drain and gauge port
- ▶ Ball valve isolation for circulating pumps
- ▶ Threaded end complies with ANSI B1.20.1
- ▶ 500 CWP (Cold Working Pressure)

Included

- ▶ 1 flange valve with drain
- ▶ 1 gasket
- ▶ 2 nuts and 2 bolts



With drain

Gauge not included



NPT

Model#	Size	Weight		Qty/ box [†]
		lb	kg	
PF034N-D	¾"	1.7	0.8	24
PF100N-D	1"	2.1	1.0	18
PF114N-D	1¼"	2.8	1.3	12
PF112N-D	1½"	3.3	1.5	12

With drain

Gauge not included



Sweat

Model#	Size	Weight		Qty/ box [†]
		lb	kg	
PF034S-D	¾"	1.7	0.8	24
PF100S-D	1"	2.1	0.9	18
PF114S-D	1¼"	2.7	1.2	12
PF112S-D	1½"	3.2	1.4	12

With drain

Gauge not included



Press

Model#	Size	Weight		Qty/ box [†]
		lb	kg	
PF034P-D	¾"	1.8	0.8	24
PF100P-D	1"	2.2	1.0	18
PF114P-D	1¼"	2.9	1.3	12
PF112P-D	1½"	3.4	1.6	12

With drain

Gauge not included



PEX F1960

Model#	Size	Weight		Qty/ box [†]
		lb	kg	
PF034F-D	¾"	1.7	0.8	24
PF100F-D	1"	2.1	1.0	18
PF114F-D	1¼"	2.9	1.3	12
PF112F-D	1½"	3.3	1.5	12

[†]This product is sold individually, but it can also be sold in a master pack.

Pump Flange Valve

Unit

Without drain



Technical Specifications

- ▶ Full port brass ball valve
- ▶ Connections: NPT, Sweat, Press or PEX, ¾" to 2"
- ▶ Dielectric rotating flange
- ▶ Drain and gauge port
- ▶ Ball valve isolation for circulating pumps
- ▶ Threaded end complies with ANSI B1.20.1
- ▶ 500 CWP (Cold Working Pressure)

Included

- ▶ 1 flange valve without drain
- ▶ 1 gasket
- ▶ 2 nuts and 2 bolts



Without drain

Gauge not included



NPT

Model#	Size	Weight		Qty/ box [†]
		lb	kg	
PF034N-ND	¾"	1.6	0.7	24
PF100N-ND	1"	2.1	0.9	18
PF114N-ND	1¼"	2.7	1.2	12
PF112N-ND	1½"	3.2	1.4	12

Without drain

Gauge not included



Sweat

Model#	Size	Weight		Qty/ box [†]
		lb	kg	
PF034S-ND	¾"	1.6	0.7	24
PF100S-ND	1"	2.0	0.9	18
PF114S-ND	1¼"	2.6	1.2	12
PF112S-ND	1½"	3.1	1.4	12

Without drain

Gauge not included



Press

Model#	Size	Weight		Qty/ box [†]
		lb	kg	
PF034P-ND	¾"	1.7	0.8	24
PF100P-ND	1"	2.1	1.0	18
PF114P-ND	1¼"	2.8	1.3	12
PF112P-ND	1½"	3.3	1.5	12

Without drain

Gauge not included



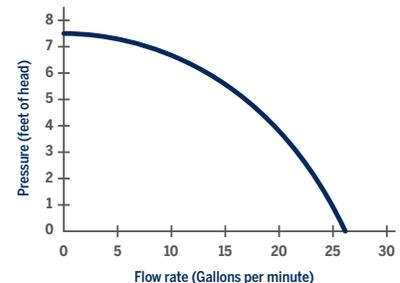
PEX F1960

Model#	Size	Weight		Qty/ box [†]
		lb	kg	
PF034F-ND	¾"	1.6	0.7	24
PF100F-ND	1"	2.1	0.9	18
PF114F-ND	1¼"	2.8	1.3	12
PF112F-ND	1½"	3.2	1.5	12

[†]This product is sold individually, but it can also be sold in a master pack.

Performance Curve of the Pump

- 1 Read the pressure gauges on each side of the pump;
- 2 Subtract the lower pressure from the higher pressure to obtain the pressure differential in PSI also called Delta P (ΔP);
- 3 Convert this measurement to feet of head by multiplying by 2.3;
- 4 Use the pump performance curve to obtain pump output in gallons per minute.



PUMP FLANGE VALVE 2"



The Kit

Technical Specifications

- ▶ Full port brass ball valve
- ▶ Connections: NPT, Sweat or Press, 2"
- ▶ 2 valves without drain with gauge ports
- ▶ Rotating flange
- ▶ Ball valve isolation for circulating pump
- ▶ Threaded end complies with ANSI B1.20.1
- ▶ 500 CWP (Cold Working Pressure)



NPT

Gauge not included

Model#	Size	Weight	
		lb	kg
PF200N*	2"	9.7	4.4

Sweat

Gauge not included

Model#	Size	Weight	
		lb	kg
PF200P*	2"	10.3	4.7

Press

Gauge not included

Model#	Size	Weight	
		lb	kg
PF200S*	2"	9.5	4.3

*Models without drain only.

Each Kit Includes

- ▶ 2 flanges valve without drain
- ▶ 2 gaskets
- ▶ 4 nuts and 4 bolts



Unit

Without drain

Technical Specifications

- ▶ Full port brass ball valve
- ▶ Connections: NPT, Sweat or Press, 2"
- ▶ Rotating flange
- ▶ 2 gauge ports
- ▶ Ball valve isolation for circulating pump
- ▶ Threaded end complies with ANSI B1.20.1
- ▶ 500 CWP (Cold Working Pressure)

Included

- ▶ 1 flange valve with drain
- ▶ 1 gasket
- ▶ 2 nuts and 2 bolts



NPT

Gauge not included

Model#	Size	Weight		Qty/ box [†]
		lb	kg	
PF200N-ND	2"	4.8	2.2	6



Sweat

Gauge not included

Model#	Size	Weight		Qty/ box [†]
		lb	kg	
PF200S-ND	2"	4.7	2.2	6



Press

Gauge not included

Model#	Size	Weight		Qty/ box [†]
		lb	kg	
PF200P-ND	2"	5.1	2.3	6



[†] This product is sold individually, but it can also be sold in a master pack.

Optional

Pressure Gauge

Model#	PSI	Weight	
		lb	kg
GAGE0-30BOTTOM	0-30	0.22	0.1
GAGE0-100BOTTOM	0-100	0.22	0.1



Quebec, Canada
T 450 951.0818
F 450 951.2165

[calefactio_solutions](#)
[calefactio](#)
[calefactio-solutions-inc](#)

calefactio.com