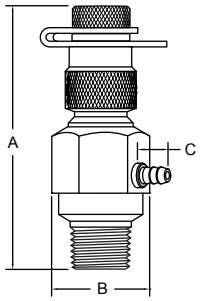
PV– MANUAL AIR VENT – PRESSURE / TEMPERATURE

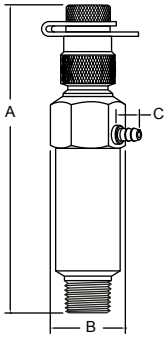
Combination Manual Air Vent and Pressure/Temperature Test Port with brass body, dual durometer EPDM core, blowout-proof stem, side discharge vent with 1/8" (4mm) hose barb, threaded brass cap with O-ring seal and neoprene retainer strap. Accepts standard 1/8" (4mm) gauge adapter or thermometer stem. Rated to 250 PSI (1725 kPa) and 250°F (120°C).



MODEL	NPT	A		B		C		WRENCH	WEIGHT	
	CONN	in	mm	in	mm	in	mm	SIZE	lbs	kg
PV-025	0.25"	1.50	40	0.84	21	0.32	9	3/4"	0.154	0.07
PV-050	0.50"	1.50	40	0.98	25	0.32	9	3/4"	0.225	0.10

PX– EXTENDED MANUAL AIR VENT - PRESSURE / TEMPERATURE PORT

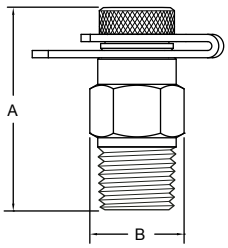
Extended Combination Manual Air Vent and Pressure/Temperature Test Port with brass body, dual durometer EPDM core, blowout-proof stem, side discharge vent with 1/8" (4mm) hose barb, threaded brass cap with O-ring seal and neoprene retainer strap. Accepts standard 1/8" (4mm) gauge adapter or thermometer stem. Rated to 250 PSI (1725 kPa) and 250°F (120°C).



MODEL	NPT	A		B		C		WRENCH	WEIGHT	
	CONN	in	mm	in	mm	in	mm	SIZE	lbs	kg
PX-025	0.25"	3.60	91	0.87	22	0.31	8	3/4"	0.28	0.12

PT– PRESSURE / TEMPERATURE PORT

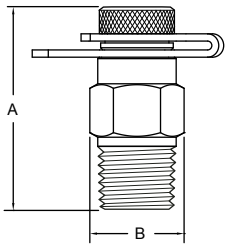
Pressure/Temperature Test Port with brass body, dual durometer EPDM core, brass cap with O-ring seal and neoprene retainer strap. Accepts standard 1/8" (4mm) gauge adapter or thermometer stem. Rated to 500 PSI (3450 kPa) and 275°F (135°C).



MODEL	NPT	A		B		WRENCH	WEIGHT	
	CONN	in	mm	in	mm	SIZE	lbs	kg
PT-025	0.25"	1.36	34	0.65	16	9/16"	0.06	0.03
PT-050	0.50"	1.36	34	1.01	25	7/8"	0.18	0.08

PL– LOW-LEAD PRESSURE / TEMPERATURE PORT

Pressure/Temperature Test Port with Low-Lead body, dual durometer EPDM core, brass cap with O-ring seal and neoprene retainer strap. Accepts standard 1/8" (4mm) gauge adapter or thermometer stem. Rated to 500 PSI (3450 kPa) and 275°F (135°C).

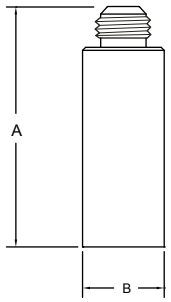


MODEL	NPT	A		B		WRENCH	WEIGHT	
	CONN	in	mm	in	mm	SIZE	lbs	kg
PL-025	0.25"	1.36	34	0.65	16	9/16"	0.06	0.03

SX & DX – PRESSURE / TEMPERATURE PORT EXTENDER

SX Single and DX Dual Extenders for PT models, used on insulated piping systems or where extended length is desired. Extenders are installed above the PT core with an O-ring seal and can be installed in the field without removing the PT from the piping system. Brass body with EPDM O-ring seal. Rated to 500 PSI (3450 kPa) and 250°F (120°C).

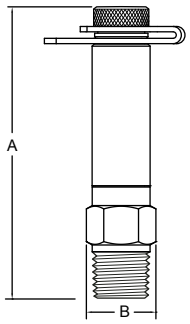
MODEL	A		B		WEIGHT	
	in	mm	in	mm	lbs	kg
SX / One	1.59	41	0.54	14	0.08	0.04
DX / Two	1.59	41	0.54	14	0.08	0.04



PT/SX – PRESSURE / TEMPERATURE PORT WITH EXTENDER

Pressure / Temperature Test Port installed on SX Single Extender, use for insulated piping systems or where extended length is desired. SX Extender is installed above the PT core with brass cap with O-ring seal and neoprene retainer strap on top.

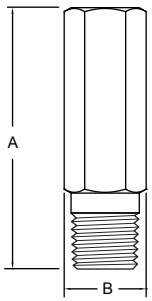
MODEL	NPT	A		B		WRENCH	WEIGHT	
	CONN	in	mm	in	mm	SIZE	lbs	kg
PT/SX-025	0.25"	2.89	73.4	0.65	16	9/16"	0.15	0.07



AE – EXTENSION

Brass body Extension, 0.25" MNPT x 0.25" FNPT, use for insulated piping systems or where extended length is desired with Accessories with 0.25" MNPT connections.

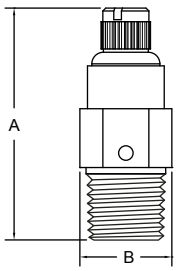
MODEL	NPT	A		B		WRENCH	WEIGHT	
	CONN	in	mm	in	mm	SIZE	lbs	kg
AE-025	0.25"	2.09	53.2	0.56	14	9/16"	0.08	0.04



MV – MANUAL AIR VENT

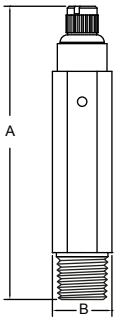
Manual Air Vent with brass body, knurled operator with screwdriver slot, blowout-proof stem, and side discharge vent.
Rated to 400 PSI (2760 kPa) and 250°F (120°C).

MODEL	NPT	A		B		WRENCH	WEIGHT	
	CONN	in	mm	in	mm	SIZE	lbs	kg
MV-025	0.25"	1.66	42	0.55	14	9/16"	0.08	0.04



EV – EXTENDED MANUAL AIR VENT

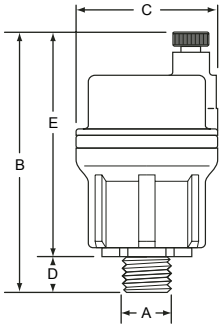
Extended Manual Air Vent with brass body, knurled operator with screwdriver slot, blowout-proof stem, and side discharge vent.
Rated to 400 PSI (2760 kPa) and 250°F (120°C).



MODEL	NPT	A		B		WRENCH	WEIGHT	
	CONN	in	mm	in	mm	SIZE	lbs	kg
EV-025	0.25"	2.76	70	0.55	14	9/16"	0.14	0.06

AV – AUTOMATIC AIR VENT / CHECK-VALVE

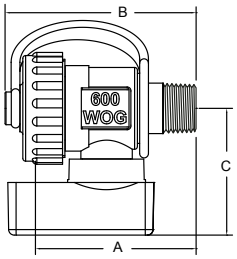
Automatic air vent with brass body, plastic float, brass seat, and EPDM seal.
Rated to 150 PSI (1035 kPa) and 240°F (115°C).



MODEL	NPT CONN		A	B	C	D	E	WRENCH SIZE	WEIGHT lbs	WEIGHT kg
AV-025	0.25"	in	.25"	3.62"	1.56"	.50"	2.62"	7/8"	.31	0.14
		mm	6.35	92	40	13	66	22		

DV – HOSE END DRAIN VALVE

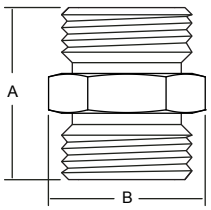
Drain Valve with forged brass body, chrome plated ball, Teflon seats, double EPDM O-ring stem seals, aluminum handle, ¾" hose connection with cap and plastic retainer strap.
Rated to 600 PSI (4140 kPa) WOG and 250°F (120°C).



MODEL	NPT	A		B		C		WEIGHT	
	CONN	in	mm	in	mm	in	mm	lbs	kg
DV-025	0.25"	1.72	44	2.04	52	1.37	35	0.30	0.13
DV-050	0.50"	2.45	62	2.77	70	1.46	37	1.46	0.65

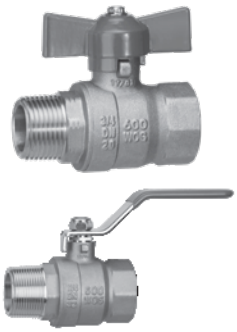
FLUSHING ADAPTER

Brass body Flushing Adapter, available in 0.50", 0.75" and 1.00" sizes, connection ends feature NPSM threads and internal cone seats.
Use to connect hose ends to bypass and flush coil systems.



PART NUMBER	NPT CONN	A		B		WRENCH SIZE	WEIGHT	
		in	mm	in	mm		lbs	kg
200555	0.50"	1.10	28	0.875	22	7/8"	0.11	0.05
200109	0.75"	1.14	29	1.062	27	1"	0.14	0.06
200556	1.00"	1.47	37	1.375	35	1 1/2"	0.23	0.10

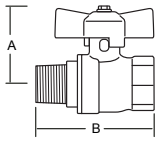
BALL VALVES



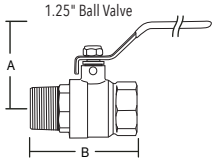
Low Lead Threaded Ball Valve, full port, C46500 low lead brass construction,conforms to NSF/ANSI 372, MNPT x FNPT connections, blow out proof stem, EPDM O'ring, teflon packing and seat. Rated to 600 PSI (4140 kPa) WOG and 250°F (120°C).

PART NUMBER	MNPT x FNPT CONNECTION	A – HEIGHT		B – LENGTH		WEIGHT	
		in	mm	in	mm	lbs	kg
500183	0.50"	1.78	45.2	2.78	70.5	0.475	0.21
500184	0.75"	1.99	50.5	3.08	78.2	0.705	0.32
500185	1.00"	2.14	54.4	3.59	91.2	1.155	0.52
500205	1.25"	2.61	66.4	4.06	103	2.160	0.98

0.50" – 1.00" Ball Valves



1.25" Ball Valve

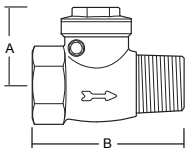


CHECK VALVES

Low Lead Check Valve, swing type, C46500 low lead brass construction, conforms to NSF/ANSI 372, FNPT x MNPT connections (0.50",0.75" & 1.00") and FNPT x FNPT connections for 1.25", metal seat, EPDM seals. Rated to 290 PSI (2000 kPa) WOG and 250°F (120°C)

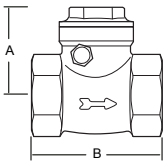
PART NUMBER	FNPT x MNPT CONNECTION	A – HEIGHT		B – LENGTH		WEIGHT	
		in	mm	in	mm	lbs	kg
500193	0.50"	1.34	34	2.64	67	0.430	0.19
500194	0.75"	1.52	38.5	2.76	70	0.545	0.24
500195	1.00"	1.75	44.5	3.46	88	0.975	0.44

0.50" – 1.00" FNPT x MNPT Check Valves



PART NUMBER	FNPT x FNPT CONNECTION	A – HEIGHT		B – LENGTH		WEIGHT	
		in	mm	in	mm	lbs	kg
500203	1.25"	1.97	50	2.66	67	1.50	0.68

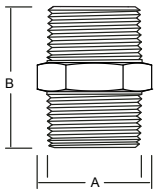
1.25" FNPT x FNPT Check Valve



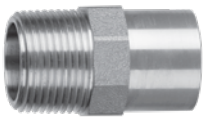
LOW LEAD ADAPTERS

Low Lead Threaded Nipple, C46500 low lead brass construction, conforms to NSF/ ANSI 372, MNPT x MNPT connections. Rated to 600 PSI (4140 kPa) WOG and 250°F (120°C)

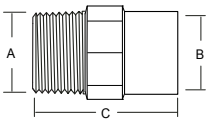
PART NUMBER	MNPT x MNPT CONNECTION	A		B		WEIGHT	
		in	mm	in	mm	lbs	kg
500189	0.50"	.87 / .98	22 / 24.9	1.44	36.5	0.117	0.05
500190	0.75"	1.10 / 1.25	28 / 31.7	1.54	39	0.170	0.08
500191	1.00"	1.38 / 1.47	35 / 37.2	1.77	45	0.265	0.12
500204	1.25"	1.73 / 1.85	44 / 47	1.95	49.5	0.430	0.19



Low Lead Adapter, C46500 low lead brass construction,conforms to NSF/ANSI 372, MNPT x Sweat connections (0.50" and 0.75"). Maximum Operating Pressure is 200 PSIG (1380 kPa), Maximum Fluid Temperature is 0 – 250°F (120°C).



PART NUMBER	MNPT x SWT CONNECTION	A		B		C		WEIGHT	
		in	mm	in	mm	in	mm	lbs	kg
200599	0.50"	0.84	21	0.63	16	1.513	38.4	0.117	0.05
200600	0.75"	1.05	27	0.88	22.4	1.847	47.0	0.170	0.08

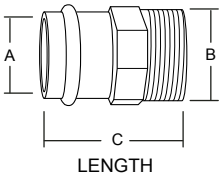


PRESS ADAPTERS PE x MNPT

Brass Male MNPT Press End Adapter
For use with hard Copper Tubing type K, L & M. Fitting material is Bronze C46500 Low-Lead, O-ring is EPDM. Maximum Operating Pressure is 200 PSIG, Operating Temperature is 0 - 250° F. Manufactured to ASME specification B16.51 Copper and Copper Alloy Press-Connect Pressure Fittings.

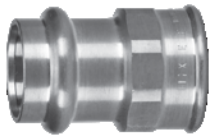
PART NUMBER	A		B		C		WEIGHT	
	in	mm	in	mm	in	mm	lbs	kg
100093	0.50"	13	0.50"	13	1.87	47	0.132	0.06
500160	0.50"	13	0.75"	19	1.83	46	0.149	0.07
500161	0.75"	19	0.50"	13	1.93	49	0.147	0.07
200573	0.75"	19	0.75"	19	2.06	52	0.194	0.09
500162	0.75"	19	1.00"	25	2.09	53	0.238	0.11
500163	1.00"	25	0.75"	19	2.09	53	0.231	0.10
200574	1.00"	25	1.00"	25	2.38	60	0.337	0.15
500164	1.00"	25	1.25"	32	2.44	62	0.456	0.21
500165	1.25"	32	1.00"	25	2.24	57	0.32	0.15
500166	1.25"	32	1.25"	32	2.36	60	0.439	0.20
500167	1.25"	32	1.50"	40	2.5	64	0.522	0.24
500168	1.50"	40	1.25"	32	2.76	70	0.607	0.28
500169	1.50"	40	1.50"	40	2.7	69	0.539	0.24
500170	1.50"	40	2.00"	50	3.07	78	0.934	0.42
500171	2.00"	50	1.50"	40	3.11	79	0.84	0.38
500172	2.00"	50	2.00"	50	3.07	78	0.899	0.41

A/B CONNECTION SIZE



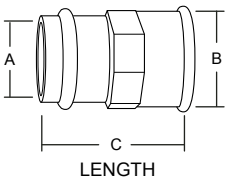
PRESS ADAPTERS PE x FNPT

Brass Female FNPT Press End Adapter
For use with hard Copper Tubing type K, L & M. Fitting material is Bronze C46500 Low-Lead, O-ring is EPDM. Maximum Operating Pressure is 200 PSIG, Operating Temperature is 0 - 250° F. Manufactured to ASME specification B16.51 Copper and Copper Alloy Press-Connect Pressure Fittings.



PART NUMBER	A		B		C		WEIGHT	
	in	mm	in	mm	in	mm	lbs	kg
100092	0.50"	13	0.50"	13	1.62	41	0.128	0.06
500173	0.50"	13	0.75"	19	1.65	42	0.154	0.07
500174	0.75"	19	0.50"	13	1.77	45	0.147	0.07
200571	0.75"	19	0.75"	19	1.82	46	0.196	0.09
500175	1.00"	25	0.75"	19	1.85	47	0.212	0.10
200572	1.00"	25	1.00"	25	2.01	51	0.313	0.14
500176	1.00"	25	1.25"	32	2.09	53	0.369	0.17
500177	1.25"	32	1.00"	25	1.93	49	0.300	0.14
500178	1.25"	32	1.25"	32	2.05	52	0.390	0.18
500179	1.25"	32	1.50"	40	2.13	54	0.463	0.21
500180	1.50"	40	1.25"	32	2.36	60	0.331	0.15
500181	1.50"	40	1.50"	40	2.44	62	0.544	0.25
500182	2.00"	50	2.00"	50	2.68	68	0.761	0.35

A/B CONNECTION SIZE



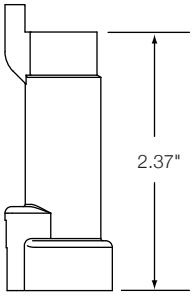
MS- MEMORY STOP

Memory Stop, Zinc Plated with
position indicator and position lock screw.
For use with valve handles.

EH- EXTENDED HANDLE

Valve Handle Extensions, forged brass stem and collar,
for extending existing handles 2". Use for insulated piping
systems or where extended length handles are desired.

EH - Extended Handle			
Fits Body Size / Model - Series			
EH - 1	EH - 2		EH - 3
All 1e	All 3e		All 4
All 2e	AB3-100	SV3-100	MB3-150
	AB3-125	SV3-125	BB3-150
	AB3-150	SV3-150	
	BB3-125	MB3-125	



SH- SHORT LEVER HANDLE

Short Lever Valve Handle, zinc plated steel.
SH is replacement for longer standard handle
for limited space installation.

HT- HANGING TAG

Hanging Tag plastic, use for valve identification.