

Comfort Systems USA (Arkansas), Inc.
P.O. Box 16620
Little Rock, AR 72231
Phone 501-834-3320
Fax 501-834-5416

Date: 07/29/2026
Return Request: 08/19/2026
Project: Highlands Building at Pinnacle Hills
Supplier: Comfort Systems USA
Manufacturer: Various
Submittal: Meters and Gauges for HVAC
Submittal Number: 23 05 19-01
Drawing # and Installation: Mechanical

ARCHITECT

Crafton Tull
Fayetteville, Ar

ENGINEER

IMEG

GENERAL CONTRACTOR

Clark Contractors
Rogers, Ar

MECHANICAL SUBCONTRACTOR

Comfort Systems USA (Arkansas), Inc.
116 Commercial Ave.
Lowell, AR 72745
(479) 770.8992

NOTES:

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CSUSA PROJECT NO.
26-5034

jzuber@comfortar.com



Submittal Section

PROJECT: Highlands Oncology Group

SECTION: Gauge Package

SPECIFICATION: 23 05 19

PREPARED BY: Will Cunningham	
DATE: 7/30/2026	

ADJUST-ANGLE THERMOMETER MODEL AS5

BLUE SPIRIT FILL

CAT.
NO. ▶
AS5H-9



SIMPLE ADJUSTMENT

Just two screws permit case to be rotated 180° and stem to be positioned in 10° increments allowing user to select the most desirable viewing position.

EASY READABILITY

Lens front blue liquid filled thermometer tube is mounted on V-shaped aluminum scale with bold black lines and numerals.

ACCURATE

Calibrated against standards traceable to the National Institute of Standards and Technology and guaranteed accurate to ± one scale division.

CONSTRUCTION

Black molded ABS case with glass front to exclude dirt and dust is standard. Aluminum case is optional at additional charge. Plastic face is optional at additional charge. *ABS case should not be subjected to temperatures greater than 200°F*

CONNECTION ASSEMBLY

Swivel nut has 1 1/4" - 18" NEF thread. Bulb chambers are tapered to insure proper fit in well.

See page 5 for thermowells.

See page 3 for case dimensions.

CATALOG NUMBERS

SCALE SIZE	STEM LENGTHS	
	3 1/2"	6"
7"	AS5H-7	AS5L-7

SCALE SIZE	STEM LENGTHS			
	3 1/2"	6"	9"	12"
9"	AS5H-9	AS5L-9	AS5N-9	AS5Q-9

STANDARD TEMPERATURE RANGES

CODE	FAHRENHEIT	SCALE SIZE	
		7"	9"
09	-40 to 110°F	2°	2°
16	0 to 120°F	1°	1°
18	0 to 160°F	2°	2°
36	20 to 180°F	2°	2°
42	30 to 240°F	2°	2°
46	30 to 300°F	5°	2°
49	50 to 400°F	5°	5°
50	50 to 550°F	—	5°

CODE	CELSIUS	SCALE 9" Only
CC	-15 to 50°C	1/2°
CD	-15 to 70°C	1°
	—	—
CH	0 to 115°C	1°
CJ	0 to 150°C	1°

CODE	DUAL SCALE (both °F and °C)	SCALE 9" Only
DA	-40 to 110°F & -40 to 43°C	2°/1°
DC	0 to 120°F & -17 to 49°C	1°/1/2°
DD	0 to 160°F & -17 to 71°C	2°/1°
DF	20 to 180°F & -6 to 82°C	2°/1°
DH	30 to 240°F & 0 to 114°C	2°/1°
DJ	30 to 300°F & -1 to 149°C	2°/1°
DK	50 to 400°F & 10 to 240°C	5°/2°
DL	50 to 550°F & 10 to 288°C	5°/2°

HOW TO ORDER - PLEASE SPECIFY THE FOLLOWING:

MODEL #	STEM LENGTH	SCALE SIZE	RANGE	OPTIONS
AS5	H = 3 1/2" stem N = 9" stem L = 6" stem Q = 12" stem	7 = 7" scale 9 = 9" scale	2 digit code from tables	AL = Aluminum Case P = Plastic Lens

Customer _____
Project _____
Engineer _____
PRO or P.O. # _____

Weksler Glass Thermometer Corporation
3295 Cobb International Blvd. • Kennesaw, GA 30152
Telephone: 888-650-6923 • Fax: 770-429-0795 E-mail:
Sales@WekslerGlass.com • Website: www.WekslerGlass.com

4 1/2" CONTRACTOR GAUGE BRASS BOURDON TUBE AND SOCKET MODEL EA14

WGTC WEKSLER GLASS
THERMOMETER CORP.

STANDARD FEATURES

- 4 1/2" dial size
- Lead Free Phosphor bronze bourdon tube and brass connection
- Brass movement
- Corrosion resistant stainless steel case and ring
- Recalibrator in face of gauge
- 1% full scale accuracy per ASME B40.1 Grade 1A
- 1/4" NPT bottom connection
- Suitable for water, air, oil, gas or any medium not corrosive to copper alloys
- Siphon required for steam applications

Lead-free marks  or  are printed on the gauge dial or stamped on brass items.



MODEL EA14 ▶

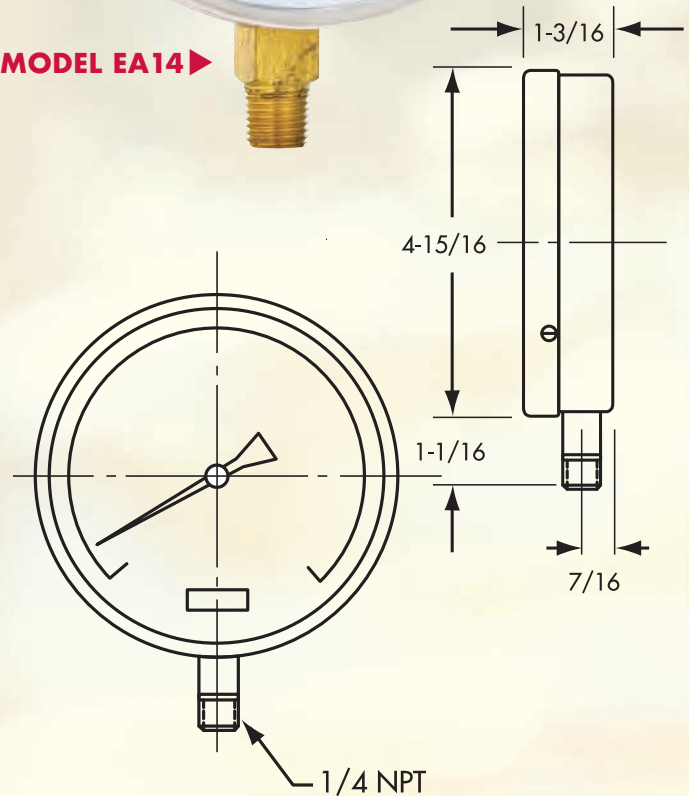
PRESSURE RANGES

CATALOG NO.	DIAL RANGE	FIGURE INTERVALS	SMALLEST GRADUATION
SINGLE SCALE	PSI ONLY	PSI	PSI
EA14-2	0-15	1	.25
EA14-A	0-30	5	.5
EA14-B	0-60	10	1
EA14-C	0-100	10	1
EA14-D	0-160	20	2
EA14-E	0-200	20	2
EA14-F	0-300	50	5
EA14-G	0-500	50	5

VACUUM/COMPOUND RANGES

CATALOG NO.	DIAL RANGE	FIGURE INTERVALS	SMALLEST GRADUATION
SINGLE SCALE	PSI ONLY	PSI	PSI
EA14-H	30"-0" HG VAC	5" HG	.5 HG
EA14-J	30"-0-30	10"HG/10 PSI	1"HG/1 PSI
EA14-K	30"-0-100	15"HG/10 PSI	5"HG/1 PSI
EA14-L	30"-0-150	30"HG/25 PSI	5"HG/5 PSI
EA14-M	30"-0-300	20"HG/50 PSI	5"HG/5 PSI

**Dual Scale PSI and KPA also available*



CAT. NO.	DIAL RANGE	FIGURES	GRADUATIONS
DUAL SCALE	PSI / WATER	PSI / FT	PSI / FT
EA14BALT	0/60 PSI & 0/140 FT	10 / 20	1 / 2
EA14CALT	0/100 PSI & 0/230 FT	10 / 25	2 / 5
EA14DALT	0/160 PSI & 0/375 FT	20 / 50	2 / 5
EA14EALT	0/200 PSI & 0/460 FT	20 / 25	2 / 5

25

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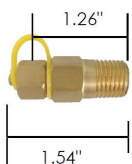
PRESSURE/TEMPERATURE PLUGS

MODEL PT25NOR, EXT, NEO

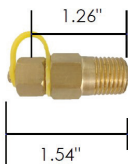
MODEL PT50NOR, EXT, NEO

ACCESSORIES

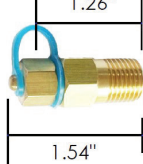
MODEL PT25NOR
(1/4" NPT)



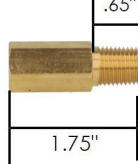
MODEL PT25NOR PBF
(1/4" NPT)



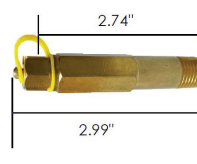
MODEL PT25NEO
(1/4" NPT)



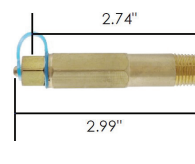
MODEL PT25EXT1.75
(1/4" NPT)



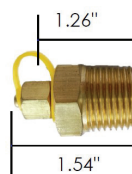
MODEL PT25NOR-3XL
(1/4" NPT)



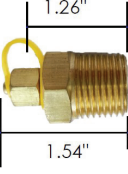
MODEL PT25NEO-3XL
(1/4" NPT)



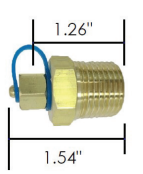
MODEL PT50NOR
(1/2" NPT)



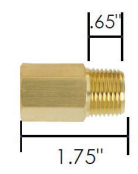
MODEL PT50NOR PBF
(1/2" NPT)



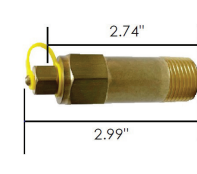
MODEL PT50NEO
(1/2" NPT)



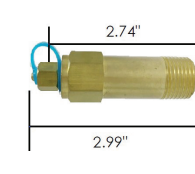
MODEL PT50EXT1.75
(1/2" NPT)



MODEL PT50NOR-3XL
(1/2" NPT)



MODEL PT50NEO-3XL
(1/2" NPT)



PT Plugs	Body Material	Connection Size	Core	Max Temp	Max Pressure
PT25NOR	BRASS	1/4"	NORDEL	350 DEG F	1,000 PSI
PT25NOR-PBF	LEAD FREE BRASS	1/4"	NORDEL	350 DEG F	1,000 PSI
PT25NEO	BRASS	1/4"	NEOPRENE	200 DEG F	1,000 PSI
PT25NOR-3XL	BRASS	1/4"	NORDEL	350 DEG F	1,000 PSI
PT50NOR	BRASS	1/2"	NORDEL	350 DEG F	1,000 PSI
PT50NOR-PBF	LEAD FREE BRASS	1/2"	NORDEL	350 DEG F	1,000 PSI
PT50NEO	BRASS	1/2"	NEOPRENE	200 DEG F	1,000 PSI
PT50NOR-3XL	BRASS	1/2"	NORDEL	350 DEG F	1,000 PSI

PTEXT Standard Features:

- PT Plug extensions for use with P/T
- Plugs on insulated pipe
- Brass, 1.75" overall length

PTNOR Standard Features:

- Brass body
- Nordel core (dual core design)
- Plastic cap retainer
- Maximum pressure 1,000 PSI
- Operational temp. range 45° F to 275° F

PTNEO Standard Features:

- Brass body
- Neoprene core
- Plastic cap retainer
- Maximum pressure 1,000 PSI
- Operational temp. range 45° F to 150° F

Accessories	Description	Material	Connection Size	Length
PT25EXT1.75	EXTENDER	BRASS	1/4"	1 3/4"
PT50EXT1.75	EXTENDER	BRASS	1/2"	1 3/4"
PT25EXT1.75-PBF	EXTENDER	LEAD FREE BRASS	1/4"	1 3/4"
PT GAUGE ADAPTER	GAUGE ADAPTER	SS	0.0125	1 3/4"



Three Pressure Temperature (P/T) Kits to Choose From:

1. P/T Kits to Source and Stock-Suggested Part Number- WGTC MODEL # PTC-25-100

- (1) PT Case - Heavy duty plastic with foam insert
- (1) 2 1/2" Pressure gauges - Catalog No. 25TL4PDW-PBF
- (2) 1" Pocket thermometers- Catalog No. 1BK0507/ B1B5-D and Catalog No. 1BK0515-B1B5-H
- (1) Gauge adapter - Catalog No. PT Gauge Adapter

2. P/T Kits to Source and Stock-Suggested Part Number-WGTC MODEL # PTC-25-200

- (1) PT Case - Heavy duty plastic with foam insert
- (1) 2 1/2" Pressure gauges - Catalog No. 25TL4PGW-PBF
- (2) 1" Pocket thermometers- Catalog No. 1BK0507/ B1B5-D and Catalog No. 1BK0515-B1B5-H
- (1) Gauge adapter - Catalog No. PT Gauge Adapter

3. P/T Kits to Source and Stock-Suggested Part Number- WGTC MODEL # PTC-25-300

- (1) PT Case - Heavy duty plastic with foam insert
- (1) 2 1/2" Pressure gauges - Catalog No. 25TL4PGW-PBF
- (2) 1" Pocket thermometers- Catalog No. 1BK0507/ B1B5-D and Catalog No. 1BK0515-B1B5-H
- (1) Gauge adapter - Catalog No. PT Gauge Adapter

Test Kits	Dial Size	Pressure Range
PTC-25-100	2 1/2"	0-100 PSI
PTC-25-200	2 1/2"	0-200 PSI
PTC-25-300	2 1/2"	0-300 PSI

Customer _____

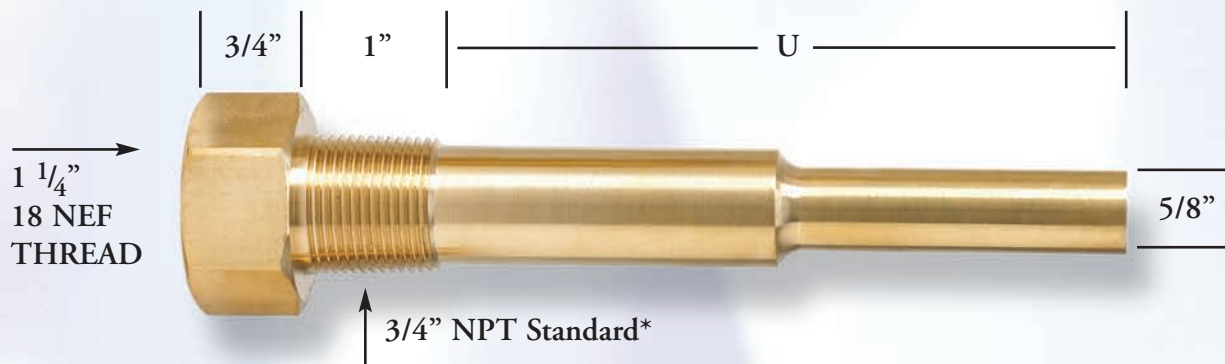
Project _____

Engineer _____

PRO or P.O. # _____

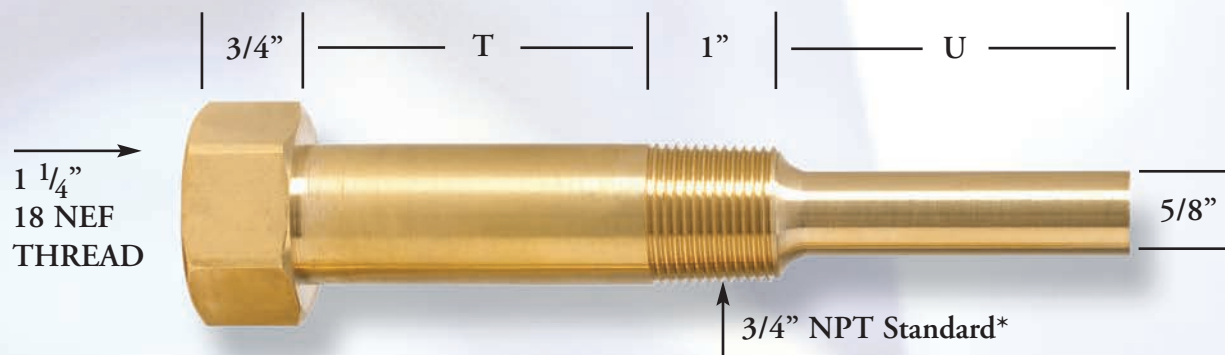
THERMOWELLS FOR ADJUST-ANGLE THERMOMETERS

STANDARD TYPE



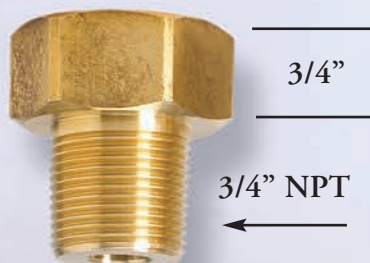
STEM LENGTH	"U" DIM.	CATALOG NUMBER			
		BRASS	STEEL	304 ST ST	316 ST ST
3 1/2"	2 1/2"	T1E3D2	T3E3D2	T6E3D2	T4E3D2
6"	5"	T1M3D2	T3M3D2	T6M3D2	T4M3D2
9"	8"	T1S3D2	T3S3D2	T6S3D2	T4S3D2
12"	11"	T1T3D2	T3T3D2	T6T3D2	T4T3D2

LAGGING EXTENSION TYPE



STEM LENGTH	"T" DIM.	"U" DIM.	CATALOG NUMBER			
			BRASS	STEEL	304 ST ST	316 ST ST
3 1/2"	1	1 1/2"	T1E3D2B	T3E3D2B	T6E3D2B	T4E3D2B
6"	2 1/2"	2 1/2"	T1M3D2E	T3M3D2E	T6M3D2E	T4M3D2E
9"	3"	5"	T1S3D2E	T3S3D2E	T6S3D2E	T4S3D2E
12"	3"	8"	T1T3D2E	T3T3D2E	T6T3D2E	T4T3D2E

1 1/4" 18 NEF THREAD



CATALOG NUMBER	
BRASS	304 ST ST
T143D2	T643D2

*1/2" NPT and 1" NPT available - consult factory

Customer _____
Project _____
Engineer _____
PRO or P.O. # _____

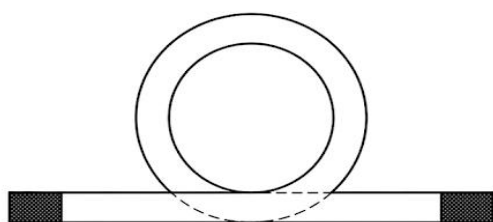
Weksler Glass Thermometer Corporation
3295 Cobb International Blvd. • Kennesaw, GA 30152
Telephone: 888-650-6923 • Fax: 770-429-0795 E-mail:
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Purpose – Siphons protect instruments from effects of hot pressure media commonly used in steam applications.

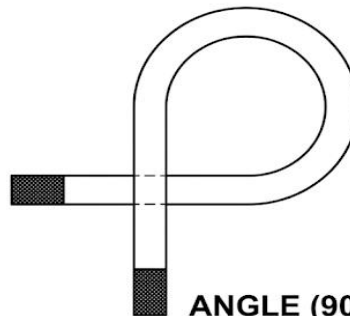
Materials – Brass, Steel schedule 40, Steel schedule 80, 316 Stainless steel schedule 80.

Usage

Pressure gauge siphons are used to protect the pressure gauge from the effect of hot pressure media such as steam and also, to reduce the effect of rapid pressure surges. The pressure medium forms a condensate and is collected inside the coil or pigtail portion of the siphon. The condensate prevents the hot media from coming in direct contact with the pressure instrument. When the siphon is first installed, it should be filled with water or any other suitable separating liquid.



STRAIGHT (180°)



ANGLE (90°)

Part Number	Description	Maximum Working Pressure	Max Temp	Est. Unit Wt. lbs.	Est. Unit Wt. kg
A03B	Straight ¼" NPT Brass syphon	250 psi	400° F	0.45	0.20
A031	Straight ¼" NPT iron syphon, schedule 40 iron	500 psi	400° F	0.50	0.24
CPS4	Straight ¼" NPT steel syphon, schedule 80 iron	1000 psi	850° F	0.55	0.24
CPS4-ANGLE	Angle ¼" NPT steel syphon, schedule 80 iron	1000 psi	850° F	0.45	0.20
CPS2	Straight ½" NPT steel syphon, schedule 80 iron	1000 psi	850° F	1.70	0.76
CPSS4	Straight ¼" NPT stainless steel syphon, 316 ss sched 80	2000 psi	1000° F	0.50	0.22
CPSS4-ANGLE	Angle ¼" NPT stainless steel syphon, 316 ss schedule 80	2000 psi	1000° F	0.40	0.18
CPSS2	Straight ½" NPT stainless steel syphon, 316 ss sched 80	2000 psi	1000° F	1.75	0.76

CUSTOMER _____ PROJECT _____ ENGINEER _____ PRO or P.O. NO. _____	 3295 Cobb International Blvd. Kennesaw, GA 30152	
	DESCRIPTION: SIPHON	
	DRAWN BY: _____	DATE: _____

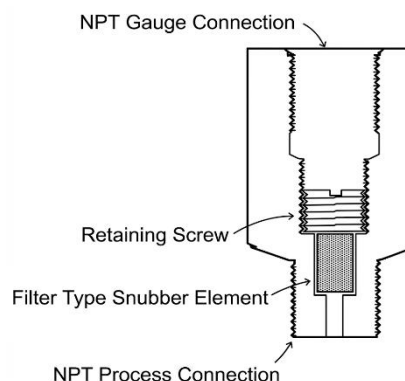
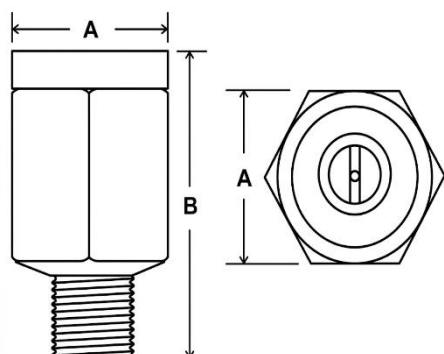
Purpose – Dampens pressure pulsation and slows the effects of surges or sudden pressure spikes Can be disassembled for cleaning.

Media – Water, air, oil, gas.

Connection Size – 1/8", 1/4" or 1/2" NPT.

Material – Stainless steel, Brass.

Design Type– Porous element.



Part Number	Est. Unit Wt. lbs.	Est. Unit Wt. kg	Box Qty.
BW42-1/8	0.10	0.04	upon request
BW42	0.10	0.04	500
BW41-1/2	0.25	0.12	upon request
SW42	0.10	0.04	500
A05E	0.25	0.12	upon request

Part Number	Description	Units	A	B	Pressure Rating
BW42-1/8	1/8" NPT MxF Brass, for water or light oil	In.	0.74"	1.35"	3,000 psi
		mm	18.9	35	
BW42	1/4" NPT MxF Brass, for water or light oil	In.	0.75"	1.70"	3,000 psi
		mm	19	43.1	
BW41	1/4" NPT MxF Brass for air	In.	0.75"	1.70"	3,000 psi
		Mm	19	43.1	
BW41-1/2	1/2" NPT MxF Brass, For air	In.	1.25"	2.25"	10,000 psi
		mm	31.7	57.1	
WS42	1/4" NPT MxF Stainless Steel, for water or light oil	In.	0.75"	1.70"	5,000 psi
		mm	19	43.1	
FPS50C	1/2" NPT MxF 304 SS	In.	1.25"	2.25"	10,000 psi
		Mm	31.7	57.1	

CUSTOMER _____ PROJECT _____ ENGINEER _____ PRO or P.O. NO. _____	 3295 Cobb International Blvd. Kennesaw, GA 30152	
	DESCRIPTION: FILTER SNUBBER	
	DRAWN BY:	DATE:
		DRAWING:

TEE HANDLE COCK

◀ **MODEL A10**

In polished brass (suitable for pressure to 125 PSI hydraulic) Specify Type **A10** 1/4" NPT female connections. **A11** 1/4" NPT male x female

HEAVY DUTY TEE HANDLE

◀ **MODEL A10E**

In polished brass for pressures to 200 PSI hydraulic, 1/4" NPT female connections with hex shoulders.

LEVER HANDLE COCK

◀ **MODEL A12**

1/4" NPT female connections. In polished brass suitable for pressure to 200 PSI hydraulic. Specify Type **A12**.

SIPHON

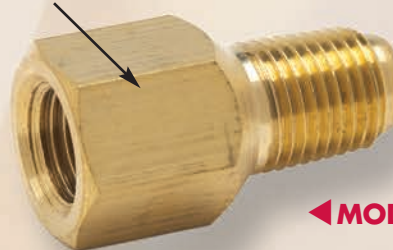
◀ **MODEL AO31**

Schedule 40 Steel (for max. 500 PSI and 400°F) Specify Type **AO31**. 1/4" NPT. Brass (for max. 250 PSI and 400°F specify type **AO3B**).

SNUBBER-FILTER TYPE

3/4" Hexagon, 1/4" NPT

Porous Stainless Steel Filter Disc

◀ **MODEL WG41
WG42**

Brass with 1/8" thick micro-metallic stainless steel filter (max pressure 1500 PSI) Available 1/4" NPT only. Specify **WG41** for air. Specify **WG42** for water or light oil. **WS41/WS42** Stainless steel body instead of brass.

BAR STOCK NEEDLE

◀ **MODEL BBV4**

Brass, 1/4" NPT female connections only. Suitable for 600 PSI at 300° F maximum; for water, oil or gas service. **SSV4** 316SS body rated to 5,000 PSI.

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