

2" HW



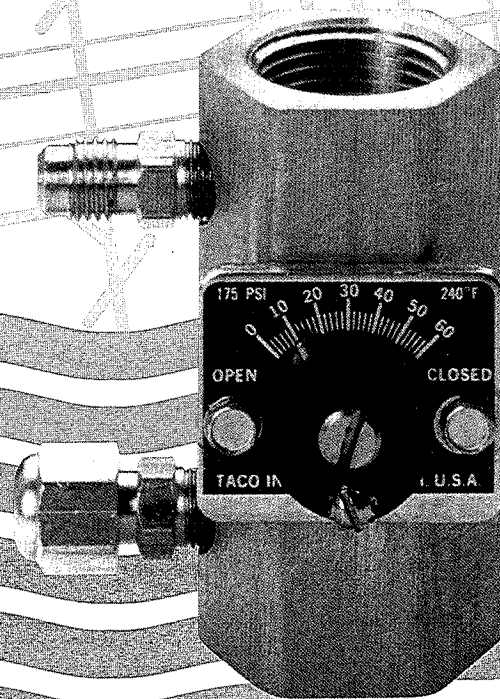
4"

# Circuit Setter

VS  
WS



3"

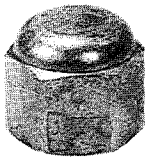
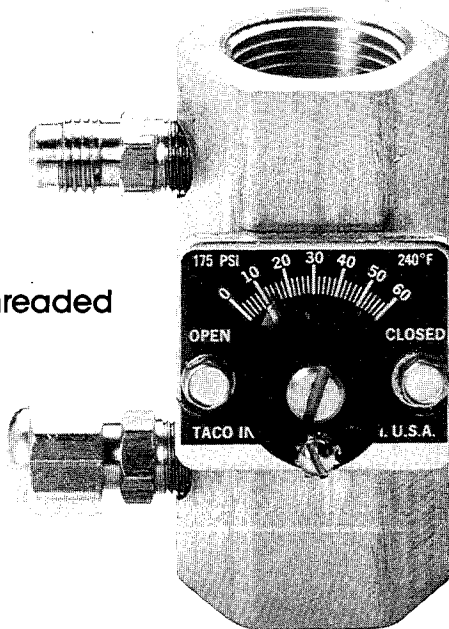


**Catalog #400-2.1**



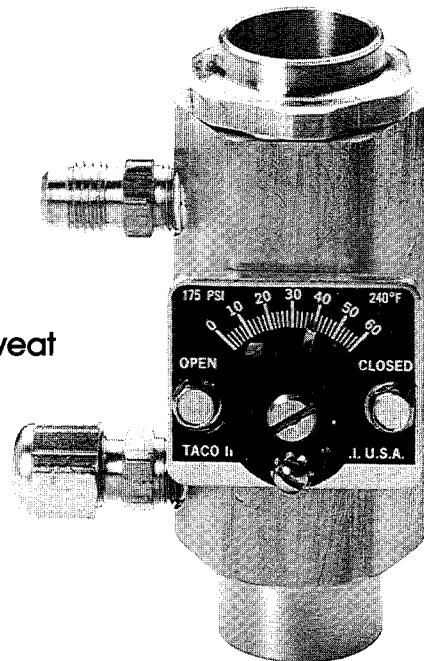
# 1/2 THRU 3" CIRCUIT SETTERS

3/4" Threaded



ACTUAL SIZE

1/2" Sweat



## FEATURES:

**BALL VALVE CONSTRUCTION:** Allows circuit setter to function reliably both as a balancing valve and suitable for shut-off service valve\*, in closed hot or cold water systems.

**INTERNAL SEATS:** Teflon® SEATS PREVENT LEAKAGE AND assure smooth, quiet, dependable operation.

**CALIBRATED NAMEPLATE:** Easy to read; easy to make setting adjustments.

**FIELD ADJUSTABLE MEMORY STOP**

**PRECISION MACHINED ORIFICE:** Insures reproducible accuracy.

**SCHRADER VALVE CONNECTIONS:** Assures leakproof reliability while allowing ease of connection to read out hoses.

**RUGGED CONSTRUCTION:** Solid brass up to 1 1/4", cast bronze 1 1/2"-3".

**HORIZONTAL OR VERTICAL MOUNT**

**INSULATION:** Closed cell polyethylene foam insulation furnished standard with each circuit setter.

**SHIPPED FULLY ASSEMBLED:** No dis-assembly required for sweat models as well as threaded.

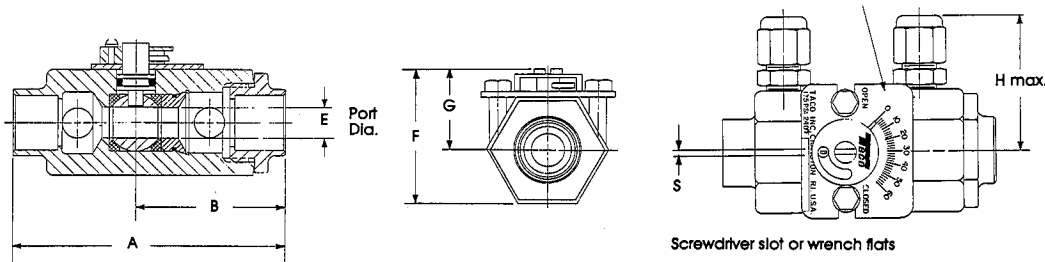
**READOUT METERS AVAILABLE FOR ACCURATE SYSTEM BALANCE.**

\*Leakage criteria available upon request.



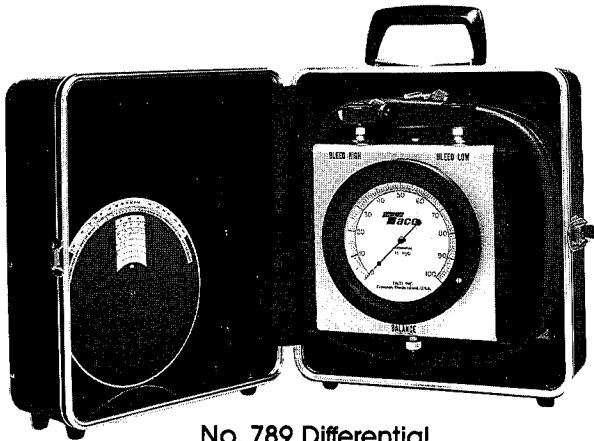
# DIMENSIONS

Scale 0 to 60



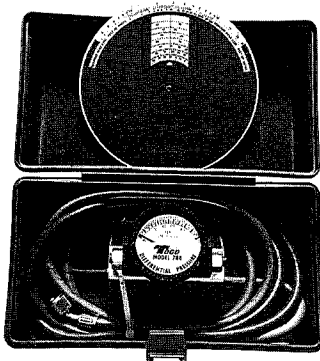
Screwdriver slot or wrench flats

THREADED MODELS	SIZE	A	B	E	F	G	H	S	WEIGHT
CS050-T	1/2"	2 13/16"	1 1/2"	3/8"	1 1/8"	7/8"	2 1/16"	3/64"	3/4 lb.
CS075-T	3/4	2 15/16"	1 1/2"	1/2"	1 5/16"	15/16"	2 3/16"	3/64"	1 lb.
CS100-T	1	3 1/2"	1 13/16"	5/8"	1 5/8"	1"	2 5/16"	3/64"	1 1/2
CS125-T	1 1/4	4"	2 1/16"	13/16"	2"	1 3/8"	2 1/2"	3/64"	2 1/2
CS150-T	1 1/2	4 3/16"	2 3/16"	15/16"	2 5/16"	1 5/8"	2 11/16"	3/8"	4
CS200-T	2	4 3/4"	2 7/16"	1 1/4"	2 3/4"	1 13/16"	2 7/8"	3/8"	5 1/4
CS250-T	2 1/2	5 5/8"	2 15/16"	1 1/2"	3 1/8"	2 1/8"	3 1/16"	3/8"	7
CS300-T	3	7 1/4"	3 3/4"	1 13/16"	4"	2 7/16"	3 1/2"	3/8"	8 1/2
SWEAT MODELS	SIZE	A	B	E	F	G	H	S	WEIGHT
CS050-C	1/2"	3 1/16"	1 11/16"	3/8"	1 1/2"	7/8"	2"	3/64"	1 lb.
CS075-C	3/4	3 9/16"	1 7/8"	1/2"	1 11/16"	15/16"	2 3/16"	3/64"	1



No. 789 Differential Pressure Gauge

## READOUT METERS



No. 788 Differential Pressure Gauge

Model No.	OVERALL CASE DIMENSIONS			Reading Range	% of Accuracy Full Scale
	Length	Width	Height		
788	12 1/4"	6 3/4"	6"	0-100'	1.0%
789	14"	11 1/2"	8 1/4"	0-100'	1.0%
775*	12 1/4"	6 3/4"	6"	0-135' 0-100'	3.0%

SHIPPING WEIGHT FOR DIFFERENTIAL READOUT METERS 789 — 16 lb.

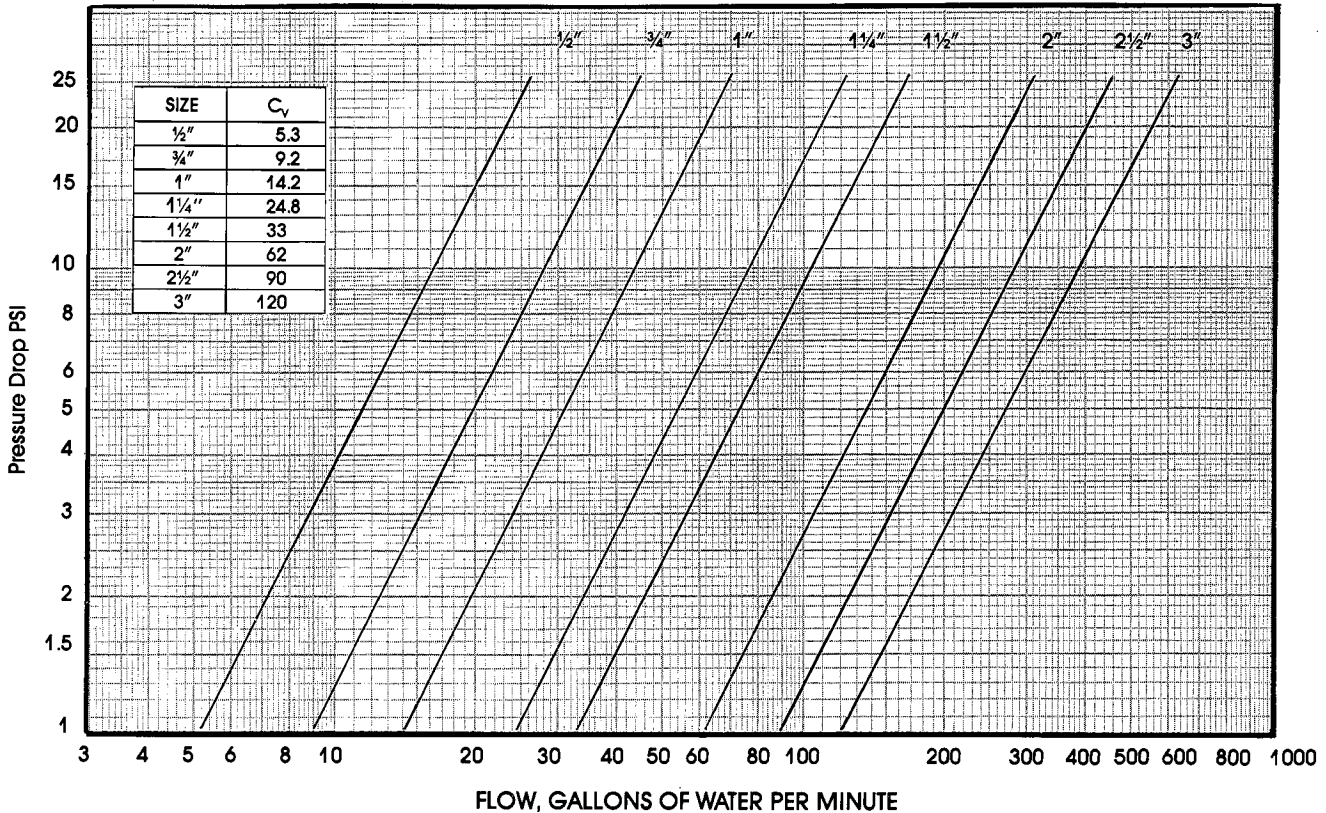
788 — 5 lb.

775 — 7 lb.

\* DUAL READOUT METER

# PRESSURE DROP CURVE

PRESSURE DROP CURVE — IN OPEN POSITION, EQUAL TO ZERO SETTING



## SPECIFICATIONS

SIZES	1/2", 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3"
BODY	BRASS
SEATS	TEFLON®
CONNECTIONS	SCREWED NPTF/Sweat
SCHRADER VALVE CONNECTIONS	BRASS 1/4"
INDICATOR PLATE	ALUMINUM
POINTER	STAINLESS STEEL
PRESSURE/TEMPERATURE RATING (Circuit Setter)	250 psi/250°F Continuous
PRESSURE/TEMPERATURE RATING (789 Differential Pressure Gauge)	400 psi/200°F Continuous
PRESSURE/TEMPERATURE RATING (788 Differential Pressure Gauge)	400 psi/240°F Intermittent



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