

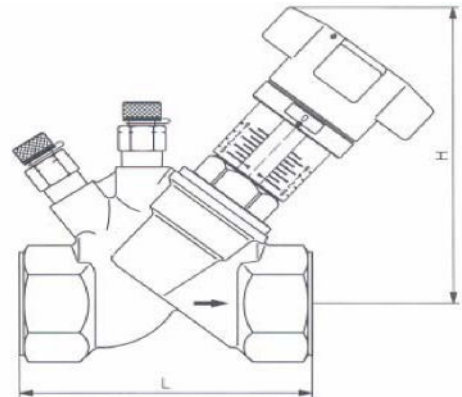
Threaded Balancing Valves

Features:

- Globe Style Manual Balancing Valve
- Threaded or Sweat Connections
- Memory Stop
- Easy to Read Balancing Levels
- 100 % positive shutoff

The Globe Style Balancing valve is rated to 300 PSI at 250 Degrees Fahrenheit. The dezincification resistant brass and bronze components are standard for each valve. Each valve comes with the built-in hidden memory stop to ensure return to the balanced position after shutoff.

Materials of construction include body, stem and disc made of bronze/dezincification resistant brass, double O-ring stem seal, disk with PTFE seal.



Threaded Connection

MODEL	SIZE	CONNECTION	L	H	WEIGHT
GS 050	1/2"	NPT or Sweat*	3 1/8"	4 1/2"	1.4 lbs
GS 075	3/4"	NPT or Sweat*	3 5/16"	4 9/16"	1.4 lbs
GS 100	1"	NPT or Sweat*	3 3/8"	4 11/16"	2.2 lbs
GS 125	1 1/4"	NPT	4 3/8"	5 3/8"	3.1 lbs
GS 150	1 1/2"	NPT	4 3/4"	5 7/16"	4 lbs
GS 200	2"	NPT	5 15/16"	5 13/16"	5.7 lbs

*Sweat connections show SW at the end of the part number.

All packaging materials, thread protectors, plastic plugs and caps must be removed before installation.
Dimensions are subject to change without notice, please confirm actual dimensions with factory at time of order.

JOB NAME _____
LOCATION _____

CONTRACTOR _____
CONTRACTOR P.O. NO. _____

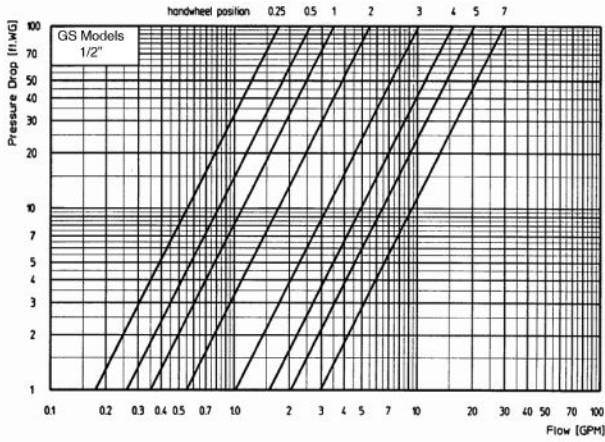
ITEMS	QUANTITY
_____	_____
_____	_____
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_____	_____
_____	_____

American WHEATLEY
HVAC PRODUCTS®
A GFP COMPANY

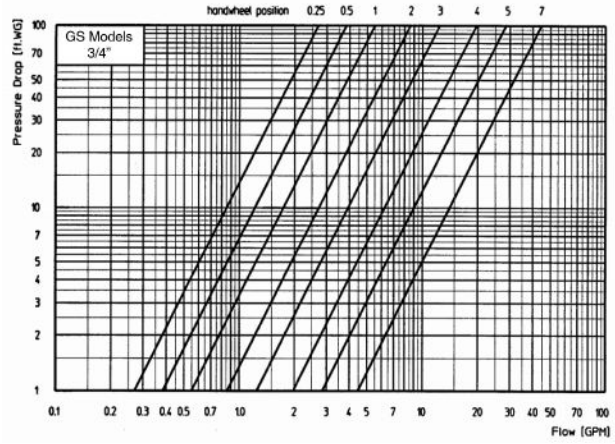
2701 W. Concord Street
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PH: 918-317-0401
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Flow Charts

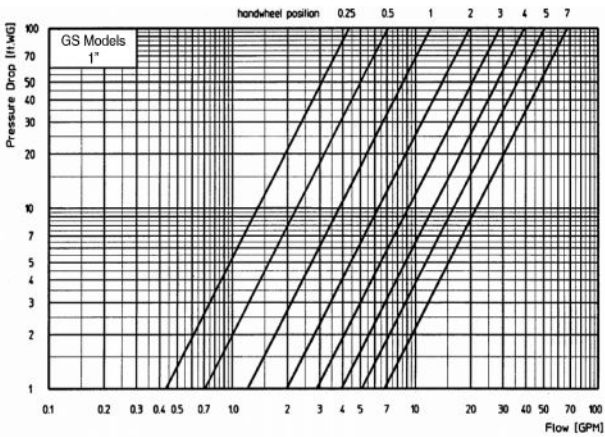
1/2"



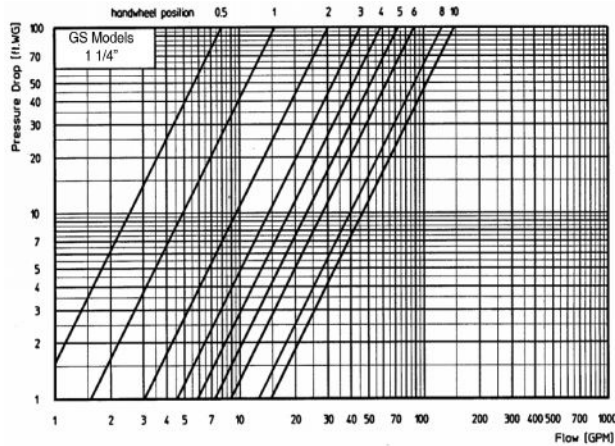
3/4"



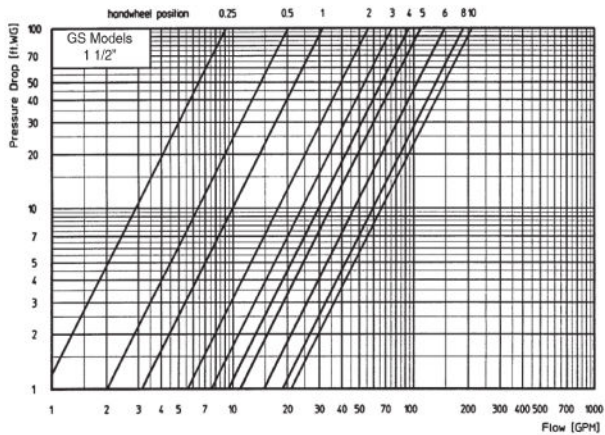
1"



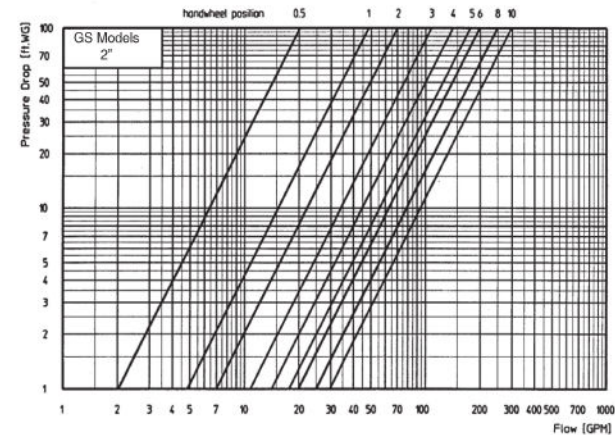
1 1/4"



1 1/2"



2"



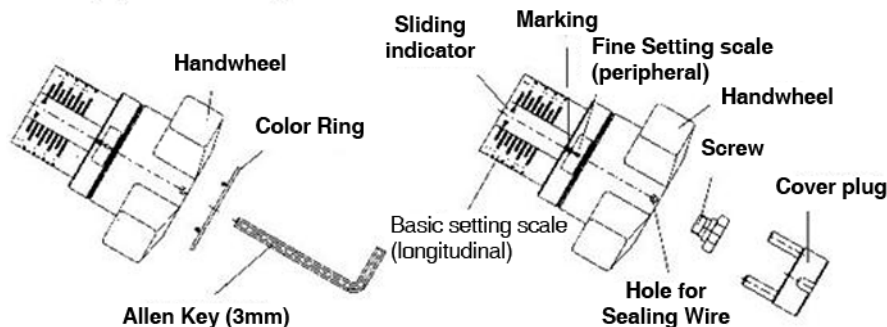
Setting Feature

American Wheatley Balancing Valves are designed for installation in hot water heating and chilled water air conditioning systems and serve to achieve a hydronic balance between the various circuits of the system.

It is important to note that the direction of flow must conform with the direction of the arrow on the valve body and that the valve must be installed with a minimum of 3 D (3 x nominal pipe diameter) of straight pipe in the upstream side.

The required preset value can be obtained by reference to the flow chart appropriate for the size of valve. Any intermediate preset value is available.

The selected preliminary setting can be made from the two-part scale - the basic scale and the fine adjustment scale. A display of the basic setting is available even with the valve fully closed.



Presetting:

1. The preset value of the valve is adjusted with the handwheel.
 - a. The display of the basic setting is shown by the longitudinal scale together with the sliding indicator. Each turn of the hand wheel is represented by a line on the longitudinal scale.
 - b. The display of the fine setting is shown by the peripheral scale on the hand wheel and indicates 1/10th of a turn of the hand wheel.
2. With the valve at the required preset value, turn the inner disc clockwise until it seats. This can be done by using the long end of a 3 mm allen key.

Visibility/Readability of setting scales:

Depending on the installation position of the valve, an improvement in the visibility/readability of the setting scales is possible by twisting the scales around. With the valve fully closed and the indicator on '0', carefully remove the cover plug in the center of the hand wheel by using a small screwdriver in the slot and gently prying it off.

Then remove the cover plug, undo the screw and with a light tug pull the hand wheel from the valve spindle.

Next without altering the presetting (still indicating '0') adjust the position of the hand wheel, so that the indicator window is clearly visible.

Finally refit the hand wheel to the valve stem, tighten the screw and replace the cover plug.

Colored marking of supply and return pipe:

Clips one of the color rings (red = supply, blue = return) fixed at the hand wheel onto the hand wheel.

Protecting the setting:

A sealing wire (not supplied with valve) may be threaded through the hole in the hand wheel and a lead seal fitted to prevent tampering of settings.