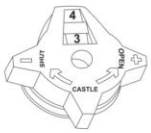
CASTLE DIGITAL HAND WHEEL BALANCING VALVES

DESIGN FEATURES



***CASTLE'* balancing valves** are provided with built in flow measuring facility so that operation of the valve can be observed and noted accurately. For accurate reading of the handwheel it has been provided with having least count 0.1 turn. Other features of 'Balancing valves' are as under

- Light weight.
- Easily accessible test points for flow and differential pressure measurement.
- Digital readout of valve setting.
- Pressure balanced cone, easy to close against full pressure.
- Concealed presetting.

The better the valve the easier is your job

CASTLE valves are offered in various sizes, material of construction and type of end connections to meet the site requirement and application for which these are required.

Advantages of a balanced System

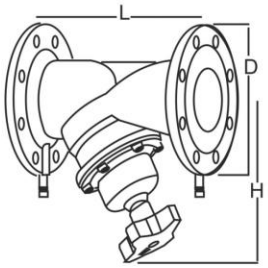
- Balanced desired heat or cold supply in different parts of the system.
- Results in reduction of energy cost up to 30%
- Eliminates human error.
- System components like boilers/chillers, pump etc. are optimized and do not have to be oversized.

Range :- 15 to 50mm. in Brass/G.M. screwed ends.
50 to 400mm. in C.I. Double flanged body.

***CASTLE'* Online computerised Balancing System**

Developed using highly advanced programming and microprocessor technologies, the new CASTLE online Computerised hydronic balancing System offers unequalled range of features to enable fast and accurate balancing of water. The unit is the latest development in a series of computerised commissioning instruments from ***CASTLE*** that have contributed substantial advances in commissioning technology.

In ***CASTLE*** Computerized balancing system the pressure drop across the balancing valve is read by digital manometer and the data is accessed by an Online computer {PC/LAPTOP/PALMTOP}. Just with a click of a button we can know the flow rate. This flow rate can be compared with the design flow available on the computer screen and then the digital hand wheel can be adjusted o achive the design flow.



Size in mm	25	32	40	50	65	80	100	125	150	200	250	300
L	93	109	118	130	298	310	350	435	485	604	735	850
H	75	112	116	128	233	220	220	283	493	570	625	520
D	30	39	45	57	185	200	220	255	485	340	400	460
No. of Holes	-	-	-	4	4	8	8	8	8	12	12	12

Specifications are subject to change incourse of the product development.