



SPECIAL FEATURES

- ECONOMICAL
- EASY TO INSTALL
- RANGES: -6000 mmWC TO 0 & 0 TO 6000 mmWC

APPLICATIONS

TO MEASURE A DRAFT MAGNITUDE IN A FURNACE OR FLUE OF A STEAM BOILER OR SHIPS AND THERMAL POWER STATIONS, BEING CAPABLE OF IMPROVING BOILER OPERATION.

SPECIFICATIONS

STANDARD VERSION : 150 x 78 mm & 200 x 104 mm



Accuracy	: $\pm 2.5\%$ of F. S.
Ambient temperature	: 15°C to $+65^{\circ}\text{C}$
Process temperature	: 20°C to $+60^{\circ}\text{C}$
Nominal Size	: 150 x 78 mm
Process Connection	: $1/4"$ BSP (M)
Mounting Bracket	: 1 Set (2 Nos.)

Case & Front Cover	: Steel, black painted
Element	: Copper Alloy
Movement	: Copper Alloy
Socket	: AISI 304 SS
Dial	: Aluminum Black graduation of white background
Pointer	: Aluminum Black coloured externally zero adjustable
Window	: Acrylic
Gasket	: Neoprene

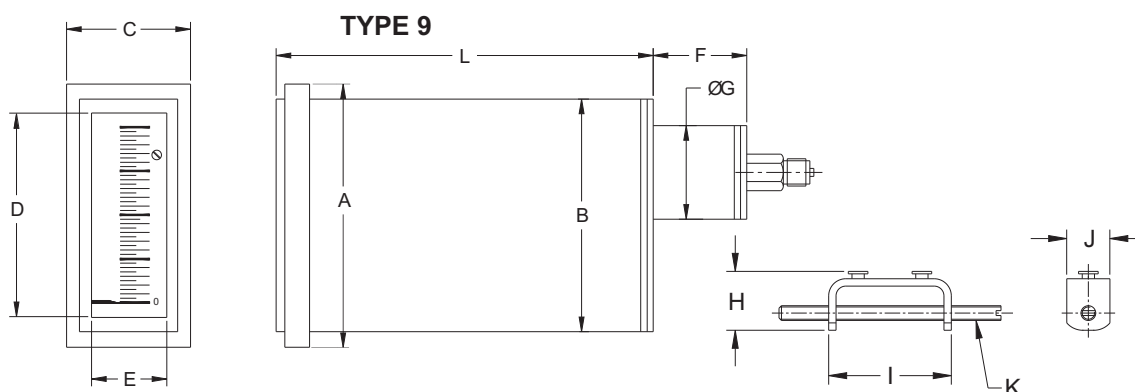
Temperature effect:

The variation of indication caused by effects of temperature is to be calculated by below formula; which is to be added in the specified accuracy while measurement :-

Formula : $\pm 0.08 \times (t_2 - t_1) \%$ of F. S.

where t_1 = reference temperature ($+20^{\circ}\text{C}$) and t_2 = ambient temperature in $^{\circ}\text{C}$.

DIMENSIONS - STANDARD VERSION



NS	A	B	C	D	E	F	ØG	L	H	I	J	K	Weight in gram (With Box)
150x78	150	87	78	118	48	66	64	110	21	50	17.5	M6	1500.0
200x104	200	137	104	118	48	66	64	178	21	50	17.5	M6	1900.0

Notes : • Drawings are not to scale. • All Dimensions are in mm. • NS = Nominal Size.

RANGE TABLE

Note : Waaree offers National / International Scales like mbar, mmWC, inWC as per the requirement can be provided on request. Following are the example tables for mmWC Scale.

PRESSURE, VACUUM & COMPOUND RANGES

SINGLE SCALE - mmWC		
PRESSURE RANGES	VACUUM RANGES	COMPOUND RANGES
0/50	-50/0	-25/25
0/100	-100/0	-50/50
0/200	-200/0	-100/100
0/250	-250/0	-125/125
0/400	-400/0	-200/200
0/500	-500/0	-250/250
0/600	-600/0	-300/300
0/1000	-1000/0	-500/500
0/1600	-1600/0	-800/800
0/2500	-2500/0	-1000/1500
0/4000	-4000/0	-2000/2000
0/6000	-6000/0	-3000/3000

HOW TO ORDER

			Example
BASIC MODEL			BH
CODE			
	K	L	X
NOMINAL SIZE	150 x 78 mm	200 x 104 mm	
TYPE OF MOUNTING			X
9	BACK ENTRY WITH MOUNTING BRACKET		
GAUGE CONNECTION			XXX
2BM	1/4" BSP (M) Standard	2NM 1/4" NPT (M)*	
4BM	½" BSP(M)*	4NM 1/2" NPT (M)*	
* These connections will be provided through adaptors.			
RANGE			0/100 mmWC
REFER RANGE TABLE			
OPTIONAL EXTRAS			XX
PW	FIVE POINT CALIBRATION CERTIFICATE		
SX	SS TAG PLATE		

Ordering Example: BH - X - X - XXX - 0/100mmWC - XX

FOR OTHER OPTIONAL ITEMS, PLEASE CONTACT FACTORY FOR DELIVERY AND MINIMUM QUANTITY OF ORDER.

Note : Specifications and dimensions given in this product catalogue represents the state of engineering at the time of printing. Modifications may take place and materials specified may be replaced by others without prior notice.