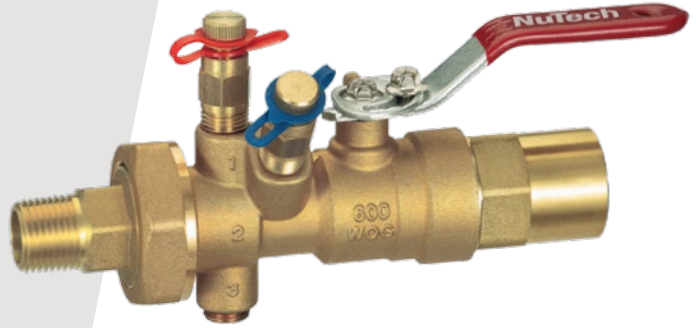


MBe/MB

Manual Balancing Valve

NuTech's MBe & MB Manual Balancing Valve offers manual balancing, shut-off and union. Valves feature a brass Venturi flow element for unsurpassed measurement accuracy and energy savings. The Ball Valve has a chrome plated ball with Teflon seats, blowout proof Stem with double EPDM O-ring Seals. The Union has an EPDM O-ring Seal with end connections available in SWT, FNPT, MNPT, *Press End and *Direct Connect Hose Assembly. Standard features include Adjustable Memory Stop and Dual Pressure/Temperature Ports.

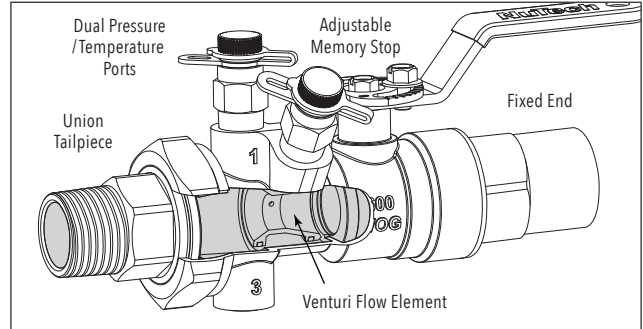


PRODUCT INFORMATION

PART	MATERIALS
Body	Forged Brass
Flow Element	Brass Venturi
End Conn.	Brass Fixed End: SWT, FNPT & *Press End Union End: SWT, FNPT, MNPT, *Press End & *Direct Connect HA
Stem	Brass Optional 316 Stainless Steel
Ball	Chrome Plated Brass Optional 316 Stainless Steel
Seals	EPDM
Seats	Teflon
Handles	Zinc Plated Lever With Vinyl Grip
Memory Stop	Zinc Plated Steel

SPECIFICATIONS

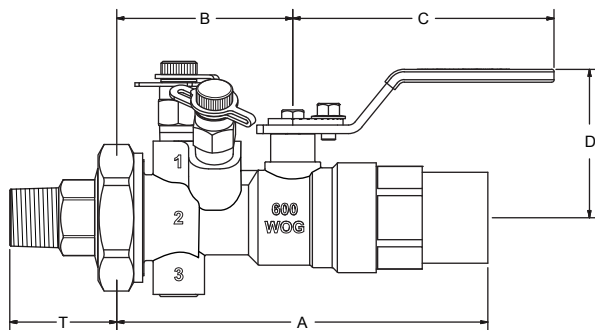
Function:	Manual Balancing Valve, Union and Shut Off Valve
Sizes:	0.50" - 2.00"
Ratings:	Pressures to 600 PSIG (4140 kPa) Temperatures to 250° F (120° C)
Accuracy:	± 3% of flow rate



CONNECTIONS

MODEL - SIZE	VENTURI	FIXED END SIZE	FIXED END TYPE	TAIL PIECE SIZE	TAIL PIECE TYPE
MB1e - 050	1A - 1B	0.50" 15mm	S, F, P	0.50", 0.75", (1.00" requires optional UA-1 Kit)	S, F, M, P, H
MB1e - 075	1A - 1B	0.75" 20mm	S, F, P	0.50", 0.75", (1.00" requires optional UA-1 Kit)	S, F, M, P, H
MB1e - 100	1A - 1B	1.00" 25mm	S, F, P	0.50", 0.75", 1.00"	S, F, M, P, H
MB2e - 075	2A - 2B	0.75" 20mm	S, F, P	0.50", 0.75", 1.00", (1.25" requires optional UA-2 Kit)	S, F, M, P, H
MB2e - 100	2A - 2B	1.00" 25mm	S, F, P	0.50", 0.75", 1.00", (1.25" requires optional UA-2 Kit)	S, F, M, P, H
MB2e - 125	2A - 2B	1.25" 32mm	S, F, P	0.50", 0.75", 1.00", 1.25"	S, F, M, P, H
MB3e - 125	3A	1.25" 32mm	S, F, P	(0.50" M only), 0.75", 1.00", 1.25", 1.50"	S, F, M, P, H
MB3e - 150	3A	1.50" 40mm	S, F, P	(0.50" M only), 0.75", 1.00", 1.25", 1.50"	S, F, M, P, H
MB4 - 200	4A	2.00" 50mm	S, F, P	(1.00" M only), 1.25", 1.50", 2.00"	S, F, M, P, H

Connections: S = Sweat SWT, F = Female FNPT, M = Male MNPT, *P = Press End, *H = Direct Connect Hose Assembly *Optional Accessories are an additional charge



MBe/MB 0.50\"/>

NOMINAL DIMENSIONS, WEIGHTS & FLOWS

MODEL	SIZE		FLOW RANGE GPM (10\"/>
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Nominal Dimensions & Weights shown above are not to be used for construction purposes unless first certified by the Factory.

*Refer to NuTech Replacement Tailpiece Chart RTC-1002-15

ORDERING DESIGNATION

MB2e - 2A - 075 - S - 075 - M - XX

MODEL/BODY SIZE

MB1e, MB2e (Shown), MB3e & MB4

VENTURI

1A, 1B, 2A, 2B, 3A, 3B & 4A

FIXED END CONNECTION SIZE

0.75\"/>

FIXED END CONNECTION TYPE

S = SWT (Shown), F = FNPT, *P = Press End

ACCESSORIES

*Optional Accessories Designations Below

TAILPIECE CONNECTION TYPE

S = SWT, F = FNPT, M = MNPT (Shown), *P = Press End, *H = Direct Connect HA

TAILPIECE CONNECTION SIZE

0.75\"/>

Fixed End & Tailpiece Connections: S = Sweat SWT, F = Female FNPT, M = Male MNPT *Optional Connections: *P = Press End, *H = Direct Connect Hose Assembly

AVAILABLE OPTIONS Please note *Optional Accessories are an extra charge and not included in the standard model price.

Accessory Designations:

BA Buy American Construction
BT Bag & Tag
CC Connection Charge

CV Control Valve Connection
DV Drain Valve
DX Dual PT Extenders
EH Extended Handle
HA Direct Connect Hose Assembly

HT Hanging Tag (Plastic)
PV Pressure/ Temperature Vent
PX Extended P/T Vent
SH Short Lever Handle (MB2e only)

SS 316 SS Ball & Stem
SX Single PT Extender
UA-1 Union Adaptor Kit
UA-2 Union Adaptor Kit