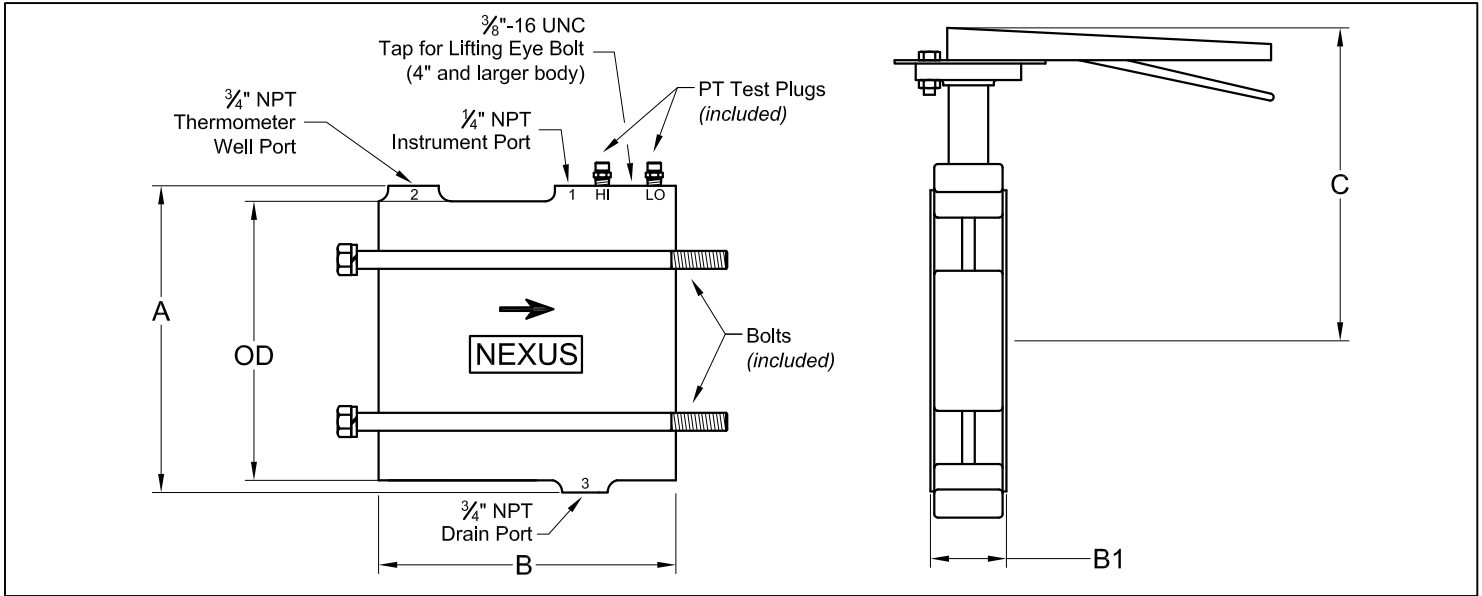


# UltraMatic™ Model UMWB

Automatic Flow Control Valve

Wafer Style w/Butterfly Valve

(2½" thru 6")



## DIMENSIONS [inches]

SIZE [inches]	LO	STD	HI	EX HI	A	B	B1	C	OD	WT. [lbs] (Cartridges not included)
2½	✓				5.1	8.4	1.8	8.2	4.7	33.2
3	✓	✓	✓	✓	5.6	10.5	1.8	8.4	5.0	38.1
4	✓	✓	✓	✓	7.4	10.0	2.0	9.1	6.8	57.5
5	✓	✓	✓	✓	9.3	10.0	2.1	9.5	7.6	61.7
6	✓	✓	✓	✓	9.2	10.5	2.2	10.2	8.6	80.0

## FLOW RATES Control Range [PSID]

SIZE [inches]	LO (2-45)	STD (2-45)	HI (2-45) for 3" HI (4-45) for 4" & 6"	EX HI (4-70) for 3" EX HI (5-45) for 4" & 6"
	(± 5.0%, 5 GPM increments)			
2½	25 - 70	-	-	-
3	25 - 70	75 - 120	125 - 160	140, 160, 180, 200, 220, 240
4	75 - 120	125 - 240	140, 160, 180, 200, 220, 240	245 - 480
5	75 - 190	140 - 380	165 - 310	265 - 620
6	75 - 240	245 - 480	125 - 400	485 - 960

## MATERIALS & DESIGN DATA

ULTRAMATIC BODY: .....EPOXY COATED DUCTILE IRON, ASTM A536, 400 PSIG, 350°F  
BRASS PLUGS ARE FURNISHED FOR ANY UNUSED PORTS

FLOW CARTRIDGE: .....304 STAINLESS STEEL MOVING PARTS IN BRASS HOUSING, PAT # 8517051

CARTRIDGE SEAL: .....EPDM

BUTTERFLY VALVE: .....EPOXY COATED CAST IRON, ASTM A126, LUG TYPE BUTTERFLY VALVE, 225 PSIG, 250°F, 316 STAINLESS STEEL DISK, 416 STAINLESS STEEL SHAFT, BUTTERFLY VALVE SHIPPED LOOSE

BOLTS: .....ZINC PLATED STEEL

ACCURACY: .....±5%

## ACCESSORIES

	Order Code	Part No.	Description
	<input type="checkbox"/> A	AV-025	AUTOMATIC AIR VENT 250°F, 150 PSIG, positive shut-off, ¼" MNPT
	<input type="checkbox"/> B	BD-075	BLOWDOWN / VENT / DRAIN 325°F, 600 PSIG, ¾" hose bib & cap
	<input type="checkbox"/> GB	BV-0600GB	GEARBOX WITH HAND WHEEL (or 6" only)
	<input type="checkbox"/> H	HT	HANGING TAG with Model No., Location, Flow Rate (Maximum 7 Characters)
	<input type="checkbox"/> V	MV-025	MANUAL AIR VENT 325°F, 400 PSIG, ¼" MNPT, Side Discharge
	<input type="checkbox"/> W	TW-075	THERMOMETER WELL ¾" MNPT, brass, 1" extended neck, 1½" well, 3½" O.A.L.
	<input type="checkbox"/> X	MV-025L	MANUAL AIR VENT EXTENDED 325°F, 400 PSIG, ¼" MNPT, Side Discharge, 2½" O.A.L.
		PTE	PRES / TEMP TEST PLUG EXTENSION 1⅞" O.A.L.

PROJECT \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

PO/JOB NO. \_\_\_\_\_

ENGINEER \_\_\_\_\_

REPRESENTATIVE \_\_\_\_\_

DATE \_\_\_\_\_

For part numbers and ordering information please consult the "Ordering Guide" section in Nexus Catalog.