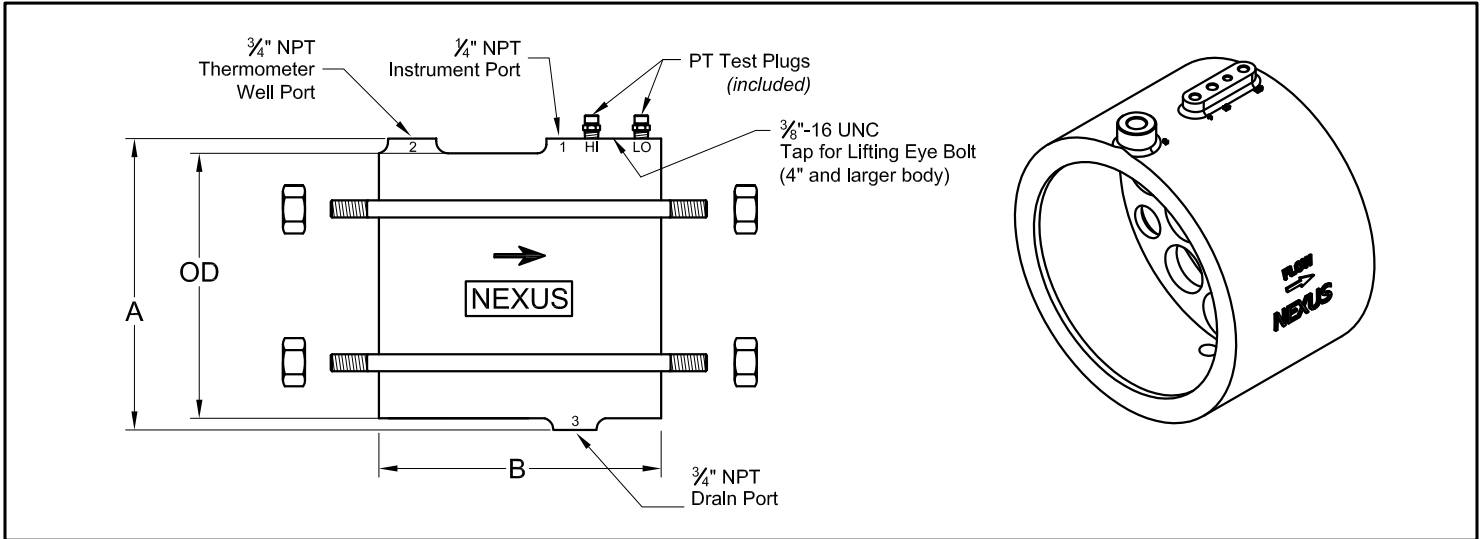


UltraMatic™ Model UMW

Automatic Flow Control Valve






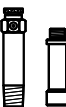
Wafer Style

(2½" thru 12")



DIMENSIONS [inches]								
SIZE [inches]	LO	STD	HI	EX HI	A	B	OD	WT. [lbs] <i>(Cartridges not included)</i>
2½	✓				5.1	8.4	4.7	16.2
3	✓	✓	✓	✓	5.6	10.5	5.0	25.8
4	✓	✓	✓	✓	7.4	10.0	6.8	29.5
5	✓	✓	✓	✓	9.3	10.0	7.6	34.7
6	✓	✓	✓	✓	9.2	10.5	8.6	52.0
8	✓	✓	✓	✓	11.6	10.0	11.0	62.7
10	✓	✓	✓	✓	13.9	10.0	13.4	78.0
12	✓	✓	✓	✓	16.7	10.0	16.1	83.5

FLOW RATES Control Range [PSID]				
SIZE [inches]	LO (2-45)	STD (2-45)	HI (2-45) for 3" HI (4-45) for 4" thru 12"	EX HI (4-70) for 3" EX HI (5-45) for 4" thru 12"
(± 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
8	125 - 480	485 - 840	130 - 800	490 - 1680
10	480 - 720	725 - 1320	730 - 1200	1450 - 2640
12	560 - 1030	1035 - 1940	1100 - 1830	2140 - 3740

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"/> H HT. HANGING TAG with Model No., Location, Flow Rate <i>(Maximum 7 Characters)</i>
	<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 Brass, 1½" well, 3½" O.A.L., ¾" MNPT
	<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 1½" O.A.L.

MATERIALS & DESIGN DATA	
ULTRAMATIC BODY:EPOXY COATED DUCTILE IRON, ASTM A536, 400 PSIG, 350°F BRASS PLUGS ARE FURNISHED FOR UNUSED PORTS
FLOW CARTRIDGE:304 STAINLESS STEEL MOVING PARTS IN BRASS HOUSING, PAT # 8517051
CARTRIDGE SEAL:EPDM
STUDS & NUTS:ZINC PLATED STEEL
ACCURACY:±5%

PROJECT _____

CONTRACTOR _____

PO/JOB NO. _____

ENGINEER _____

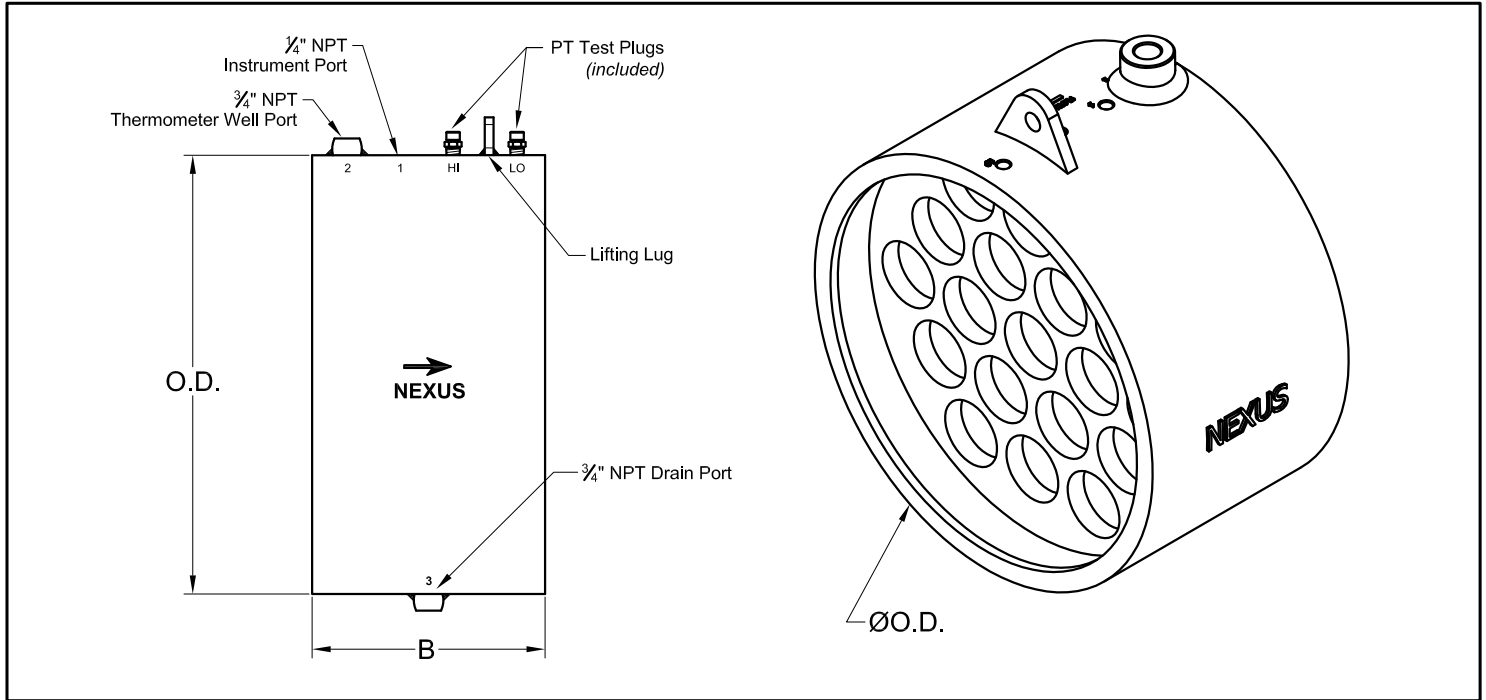
REPRESENTATIVE _____

DATE _____

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

UltraMatic™ Model UMW

Automatic Flow Control Valve
Fabricated Wafer Style
(14" thru 48")



DIMENSIONS & FLOW RATES					
[Inches]		[GPM]			
SIZE [inches]	B	O.D.	Max. GPM (± 5.0%)		WT. [Lbs] (Cartridges not included)
			"HI" Range (4 - 45)	"EX HI" PSID Range (5 - 45)	
14	10.0	17.5	2,200	4,560	92.0
16	10.0	20.0	3,240	6,480	118.8
18	10.0	21.4	3,720	7,440	130.7
20	10.0	23.6	4,440	8,880	152.7
24	10.0	28.0	6,600	13,200	240.0
30	12.0	34.5	10,200	20,400	339.0
36	12.0	41.0	14,520	29,040	TBD
42	12.0	47.8	19,920	39,840	TBD
48	12.0	54.3	25,920	51,840	TBD

MATERIALS & DESIGN DATA

ULTRAMATIC BODY:STEEL PIPE SA-53 GR. B
or ROLLED STEEL PLATE SA-516 GR. 70,
400 PSIG, 350°F

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

CARTRIDGE SEAL:EPDM

ACCURACY:±5%

ORDER DATA

Sample Part #:

U	M	W	1	8	0	0	-	0	3	0	0	0	-						
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Model _____
UltraMatic Size _____
Flow Rate (GPM) _____
Port Accessories _____
Option Order Codes (Accessories) _____

Please consult the Ordering Guide in the Nexus Valve catalog for complete part number and ordering information.

ACCESSORIES

Order Code	Part No.	Description
<input type="checkbox"/>	A	AV-025. AUTOMATIC AIR VENT 250°F, 150 PSIG, positive shut-off, 1/4" MNPT
<input type="checkbox"/>	B	BD-075. BLOWDOWN / VENT / DRAIN 325°F, 600 PSIG, 3/4" hose bib & cap
<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, 1/4" MNPT, Side Discharge
<input type="checkbox"/>	W	TW-075. THERMOMETER WELL Brass, 1 1/2" well, 3 1/2" O.A.L., 3/4" MNPT
<input type="checkbox"/>	X	MV-025L. MANUAL AIR VENT EXTENDED 325°F, 400 PSIG, 1/4" MNPT, Side Discharge, 2 1/4" O.A.L. PTE. PRES / TEMP TEST PLUG EXTENSION 1 9/16" O.A.L.

PROJECT _____

CONTRACTOR _____

PO/JOB NO. _____

ENGINEER _____

REPRESENTATIVE _____

DATE _____