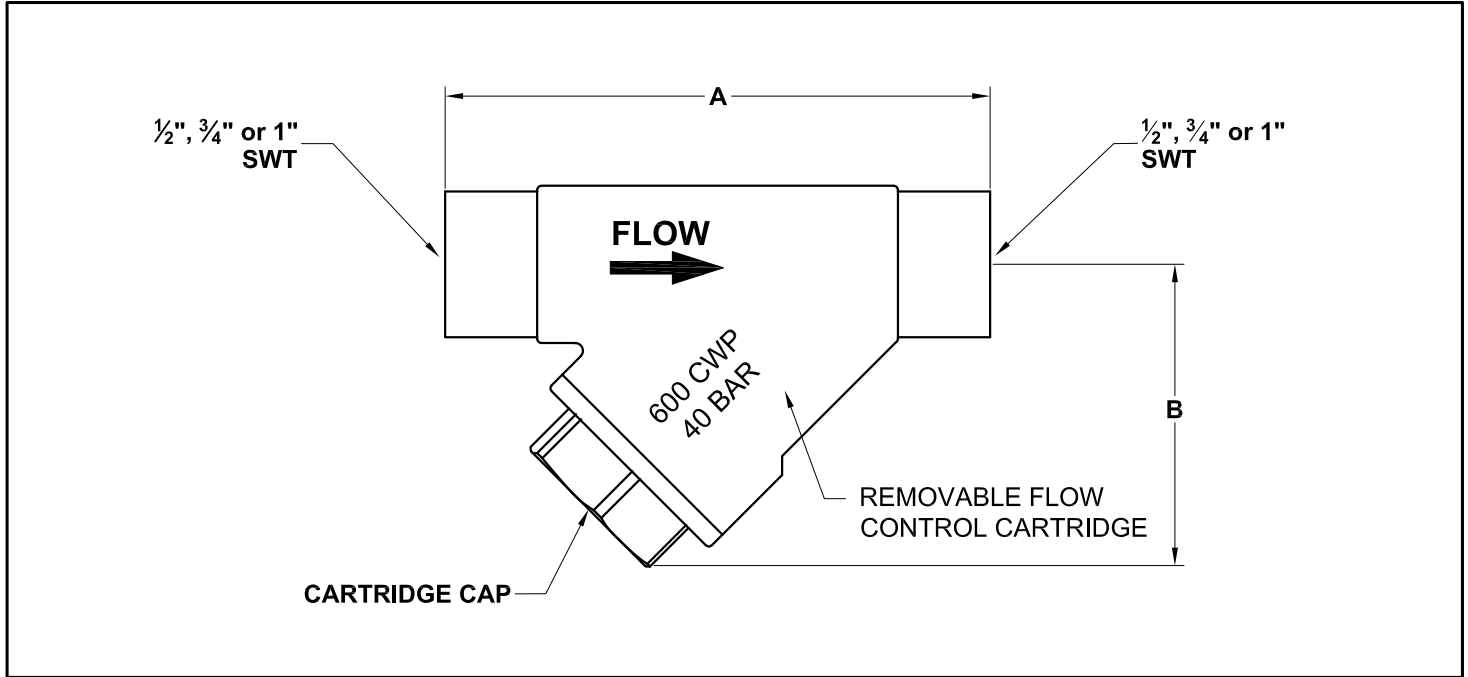




# UltraMatic™ Model UMS

Automatic Flow Control Valve

(1/2", 3/4", 1")



DIMENSIONS [inches]				
SIZE [inches]	A	B	WT <sup>2</sup> [lbs]	Cv <sup>1</sup>
1/2	2.80	1.80	0.46	9.0
3/4	3.82	2.50	0.95	14.0
1	4.92	3.75	1.65	17.0

<sup>1</sup> Cv based on valve body only; <sup>2</sup> Cartridge, Spring and Cap included

MATERIALS & DESIGN DATA	
BODY, CAP	.....DZR BRASS (DEZINCIFICATION RESISTANT), 600 WOG, 325°F
CAP SEAL	.....FKM O-RING
FLOW CARTRIDGE	.....304 STAINLESS STEEL MOVING PARTS IN BRASS HOUSING, REMOVABLE, PAT # 8517051
CARTRIDGE SEAL	.....EPDM
ACCURACY	.....±5%

FLOW RATE SELECTIONS		
SIZE [inches]	PSID (range)	GPM (± 5.0%)
1/2	2 - 45	0.33, 0.5, 0.75, 1.0, 1.25, 1.5, 1.75, 2.0, 2.25, 2.5, 2.75, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0
	4 - 55	7.0, 8.0
3/4	2 - 45	0.33, 0.5, 0.75, 1.0, 1.25, 1.5, 1.75, 2.0, 2.25, 2.5, 2.75, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 7.0, 8.0, 9.0, 10.5
	5 - 65	11.0, 12.0, 13.0, 14.0, 15.0
1	2 - 45	7.0, 8.0, 9.0, 10.0, 10.5, 11.0, 12.0, 13.0, 14.0, 15.0, 16.0, 17.0, 18.0, 19.0, 20.0, 21.0, 22.0
	2 - 60	24.0, 25.0, 30.0, 35.0
	4 - 70	40.0, 45.0

**ORDER DATA**

Sample Part #: **UMS-050S-0,50**

Model \_\_\_\_\_  
UMS - Automatic Flow Control Valve

Size \_\_\_\_\_  
1/2"S = 050S; 3/4"S = 075S; 1"S = 100S  
 S for Sweat

Flow Rate (GPM) \_\_\_\_\_

*Note: NO ACCESSORIES AVAILABLE*

PROJECT \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

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

ENGINEER \_\_\_\_\_

REPRESENTATIVE \_\_\_\_\_

DATE \_\_\_\_\_

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