



### MATERIALS & DESIGN DATA

**ULTRAMATIC:** EPOXY COATED DUCTILE IRON, ASTM A536  
400 PSIG, 350°F

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

**CARTRIDGE SEAL:** EPDM

**STRAINEX:** GRAY CAST IRON BODY and END CAP,  
ASTM A48, CLASS 30, 175 PSIG, 250°F  
STANDARD 125# CLASS B FLANGES  
(MATES TO 150# FLANGES ALSO)

**SCREEN:** 304 S.S., ASTM A167  
**SIZES**                      **OPENINGS**  
2½" and 3"                      0.045 perf  
4" thru 6"                        0.125 perf

**BUTTERFLY VALVE:** EPOXY COATED CAST IRON,  
LUG TYPE BODY, ASTM A126, CLASS B,  
225 PSIG, 250°F, EPDM SEAT,  
304 STAINLESS STEEL DISK,  
416 STAINLESS STEEL SHAFT,  
ON-OFF w/ HANDLE

**BOLTS:** ZINC PLATED STEEL

### ACCESSORIES

- |  | <u>Order Code</u>           | <u>Part No.</u> | <u>Description</u>   |
|--|-----------------------------|-----------------|--|
|  | <input type="checkbox"/> A  | .... AV-025.    | AUTOMATIC AIR VENT<br>250°F, 150 PSIG, positive shut-off, ½" MNPT                    |
|  | <input type="checkbox"/> B  | .... BD-075.    | BLOWDOWN / VENT / DRAIN<br>325°F, 600 PSIG, ¾" hose bib & cap                        |
|  | <input type="checkbox"/> GB | .... BV-0600GB. | GEARBOX WITH HAND WHEEL<br><i>(for 6" only)</i>                                      |
|  | <input type="checkbox"/> H  | .... HT.        | HANGING TAG<br>with Model No., Location, Flow Rates<br><i>(Maximum 7 Characters)</i> |
|  | <input type="checkbox"/> V  | .... MV-025.    | MANUAL AIR VENT<br>325°F, 400 PSIG, ¾" MNPT, Side Discharge                          |
|  | <input type="checkbox"/> W  | .... TW-075.    | THERMOMETER WELL<br>¾" MNPT  |
|  | <input type="checkbox"/> X  | .... MV-025L.   | MANUAL AIR VENT EXTENDED<br>325°F, 400 PSIG, ¾" MNPT, Side Discharge, 2¼" O.A.L.     |
|  |                             | .... PTE.       | PRES / TEMP TEST PLUG EXTENSION<br>1½" O.A.L.  |

### FLOW RATES Control Range [PSID]

SIZE [inches]	LO (2-45)	STD (5-50) for 2½" STD (2-45) for 3" thru 6"	HI (2-45) for 3" HI (4-45) for 4" thru 6"	EX HI (4-70) for 3" EX HI (5-45) for 4" thru 6"
	(± 5.0%, 5 GPM increments)			
2½	25 - 70	75 - 100	-	-
3	25 - 70	75 - 120	125 - 165	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 - 680
6	75 - 240	245 - 480	125 - 400	485 - 960

### ORDER DATA

Sample Part #:

A 2 F Y 0 4 0 0 - 0 0 1 4 5 X

Model \_\_\_\_\_  
Coil Pak Size \_\_\_\_\_  
0250 = 2½", 0300 = 3", 0400 = 4", 0600 = 6"  
Flow Rate (GPM) \_\_\_\_\_  
Extended Accessories (ES) \_\_\_\_\_  
Port Accessories (Return Side) \_\_\_\_\_  
Port Accessories (Supply Side) \_\_\_\_\_  
Option Order Codes (HT) \_\_\_\_\_  
Option Order Codes (GB) \_\_\_\_\_

A2FY coil paks include base model UltraMatic & Strainex.  
Additional accessories and options may be ordered separately.  
*NOTE: Flow Rate Determines LO or STD Model*

PROJECT \_\_\_\_\_  
CONTRACTOR \_\_\_\_\_  
PO/JOB NO. \_\_\_\_\_  
ENGINEER \_\_\_\_\_  
REPRESENTATIVE \_\_\_\_\_  
DATE \_\_\_\_\_