



Flanges, studs, and nuts are supplied by others

**SPECIFICATIONS:**

- PSI/Temperature Rating:** 362 PSI / 275°F
- Cartridge:** AISI Type 304 stainless steel  
AISI Type 17-7 PH stainless steel spring
- Body Material:** Ductile Iron ASTM A536-80 Class 60-40-18
- Retaining Clip:** AISI Type 302 stainless steel
- Body Tappings:** 1/4" NPT with P/T test valves
- End Connections:** ANSI 150 lb Class Flanges
- Assembly:** Valve comes fully assembled. Pressure and Temperature extensions are shipped loose.

**FLOW RATES (+/-5%)**

SIZE	MODEL NO.	HEAD LOSS IN FEET <sup>1</sup>	PSID RANGE	GPM			HEAD LOSS IN FEET <sup>1</sup>	PSID RANGE	HIGHER FLOW RATES/ NO INCREMENTS
				MIN.	INCREMENT	MAX			
2-1/2", 3"	AHU1	3.5	1-20	14.0	2.0	60	9.2	4-20	90, 110, 130
	AHU2	7.4	2-32	17.5	2.5	75	18.4	8-32	110, 135, 160
	AHU4	13.4	4-57	23.33	3.33	100	NONE		
	AHU8	30.0	8-128	35.0	5.0	150			

**DIMENSIONS & WEIGHTS (NOMINAL)**

SIZE	MODEL NO.	A LENGTH	B HEIGHT	C HEIGHT	D I.D.	WEIGHT (LBS.)
2-1/2", 3"	AHU_MB	6.75	4.62	7.38	3.22	8.4

**NOTES**

<sup>1</sup> Head Loss in Feet is provided for pump head calculations. (1PSI = 2.307 Feet of Water)  
Replaces form F-3075B



**MODEL NUMBER SELECTION<sup>2</sup>**

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  A        H        U                  M        B  

Select a PSID control range  
(1=1-20 or 4-20, 2=2-32 or 8-32,  
4=4-57, 8=8-128, 0=No Cartridge )

**NOTES**

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<sup>2</sup> Model no. and flow rate are indicated on label affixed to body.  
Replaces form F-3075B

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12/05  
F-3075C