



HUMIDIFIERS

SUFFIX 'A'

Automatic digital control (shown)

SUFFIX 'M'

Manual control

Where automatic control is not practical, the digital control can be installed in a manual mode



400A/400M LARGE BYPASS UNIT
Uses 100% of water and evaporative technology, eliminating the need for a drain



500A/500M SMALL BYPASS UNIT
Economy model. Designed for smaller homes



600A/600M LARGE BYPASS UNIT
Uses the furnace blower to move air through a Water Panel®



700A/700M POWERED UNIT
Built-in fan pulls heated air directly from the furnace

APRILAIRE#	SH#	TYPE	SQ. FT. AREA (AIR CHANGES/HR.)	UNIT SIZE W x H x D - Inches	PLENUM OPENING W x H - Inches	WATER EVAP. RATE	WATER FEED RATE	ELECTRICAL
400A	400A	Bypass humidifier	1,000 loose (2) 2,000 average (1) 4,000 tight (1/2)	15-3/8 x 15-3/4 x 10-1/4 6" dia. round opening	10 x 12-3/4	0.70 GPH	3 GPH	24v, 60 Hz, 0.5 amp
400M	400M							
500A	500A		750 loose (2) 1,500 average (1) 3,000 tight (1/2)	15-5/8 x 13 x 10-1/4 6" dia. round opening	9-1/2 x 9-1/2	0.50 GPH		
500M	500M							
600A	600A		1,000 loose (2) 2,000 average (1) 4,000 tight (1/2)	15-3/8 x 15-3/4 x 10-1/4 6" dia. round opening	10 x 12-3/4	0.70 GPH		
600M	600M							
700A	700A	Power humidifier	1,050 loose (2) 2,100 average (1) 4,200 tight (1/2)	15-29/32 x 18 x 10-11/32	14-3/4 x 14-5/16	0.75 GPH	6 GPH	120V, 60 Hz, 0.8 amp
700M	700M							

WARRANTY

All Aprilaire models are warranted for 5 years from date of installation for parts.

COMPONENTS INCLUDED

Saddle valves and transformers.

U.L. INFORMATION

All Aprilaire models are UL listed and meet the requirements of UL Standard 998 except 400A. All components in the 404A meet requirements of UL Standard 998 with the exception of the paper Water Panel.

PERFORMANCE BASED ON

- 20°F and 70% R.H. outside air.
- 70°F and 35% R.H. room air.
- Internal moisture gain of 1 lb/hr.
- 70% blower operation.
- 8 ft. ceiling height.



HUMIDIFIER PARTS

SH#	APRILAIRE#	DESCRIPTION	USED IN APRILAIRE HUMIDIFIER MODEL
4335AA	4335	Feed tube with compression sleeve	400A, 500A, 500M, 600A, 600M
4655AA	4655	Manual humidifier control	500M, 600M, 700M
4336AA	4336	Sticker and manual mode resistor	Older beige colored automatic humidifiers
4232AA	4232	Orifice, blue	700A, 700M
4231AA	4231	Orifice, yellow	400A, 500A, 500M, 600A, 600M,
4236AA	4236	Scale control insert	700A, 700M
4330AA	4330	Scale control insert	600A, 600M
4640AA	4640	Scale control insert	500A, 500M
4403AA	4403	Scale control insert with float chamber	400A
4010AA	40101	Transformer	400A, 500A, 500M, 600A, 600M, 700A, 700M
4246	4246	Water distribution tray	700A, 700M
4331AA	4431	Water distribution tray	500A, 500M, 600A, 600M
45AA	45	Water panel evaporator	400A
10AA	10	Water panel evaporator	500A, 500M
35AA	35	Water panel evaporator	600A, 600M
4040AA	4040AA	Water solenoid valve, 24 volt	400A, 500A, 500M, 600A, 600M, 700A, 700M