











# AIRCARE® EVAPORATIVE HUMIDIFIER COMPARISON CHART

ITEM   MODEL#	WICK ITEM MODEL #	# OF SPEEDS	CONTROL TYPE	MAX. SQ. FT. AREA	MAX RUNTIME	AUTO HUMIDI-STAT	AUTO SHUT-OFF	CON-TROL LOCK	REFILL INDICA-TOR	WATER CAPAC-ITY	RESER-VOIR TYPE	CHECK FILTER INDICA-TOR	AIR FILTER REPLACE-MENT	PARTS AVAIL-ABLE?
 36WJ84   HD1409	50KT19 HDC12	3	DIGITAL	4000	55 HR	Y	Y	Y	Y	5 GAL.	POUR-IN	Y	N/A	Y
 44R223   H12300HB	2PYG6 1045	4	HYBRID: ANALOG WITH DIGITAL READ-OUT	3700	45 HR	Y	Y	Y	Y	5.4 GAL.	SINGLE BOTTLE	Y	2PYG7 1051	Y
 44R219   H12400HB	2PYG6 1045	4	HYBRID: ANALOG WITH DIGITAL READ-OUT	3700	45 HR	Y	Y	Y	Y	5.4 GAL.	SINGLE BOTTLE	Y	2PYG7 1051	Y
 33TN59   4DTS900	2PYG4 1041	9	DIGITAL TOUCH SCREEN	3600	48 HR	Y	Y	N	Y	5.7 GAL.	DUAL BOTTLE	Y	2PYG7 1051	Y
 35XG45 696400HB	2PYG4 1041	9	HYBRID: ANALOG WITH DIGITAL READ-OUT	3600	45 HR	Y	Y	N	Y	5.6 GAL.	DUAL BOTTLE	Y	2PYG7 1051	Y
 32XV44   MA1201	32XV45 MAF1	4	DIGITAL	3600	36 HR	Y	Y	Y	Y	3.6 GAL.	SINGLE BOTTLE	Y	N/A	Y
 48TC61   831000	2PYG5 1043	3	DIGITAL	2700	70 HR	Y	Y	Y	Y	6 GAL.	TOP POUR-IN	Y	N/A	Y
 5KEF3   MA0800	36WJ83 MAF2	3	DIGITAL	2600	50 HR	Y	Y	Y	Y	2.5 GAL.	SINGLE BOTTLE	Y	N/A	Y
 20HN61  EA1201	6WJ87 HDC311	9	DIGITAL TOUCH SCREEN	2400	45 HR	Y	Y	Y	Y	3.5 GAL.	FRONT POUR-IN	Y	N/A	Y

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36WJ85   EP9800 	2PYG5 1043	9	DIGITAL	2400	60 HR	Y	Y	Y	Y	3.5 GAL.	FRONT POUR-IN	Y	N/A	Y
6DMH8   EP9500 	2PYG5 1043	9	DIGITAL	2400	60 HR	Y	Y	Y	Y	3.5 GAL.	FRONT POUR-IN	Y	N/A	Y
4NHG1   5D6700 	2PYG3 1040 (2)	4	DIGITAL	1250	90 HR	Y	N	Y	N	3 GAL.	TOP POUR-IN	Y	4NHG1 1051	Y
2PYF5   D46720 	2PYG3 1040 (2)	4	DIGITAL	1200	50 HR	Y	Y	Y	Y	2 GAL.	DUAL BOTTLE	Y	N/A	Y
2PYE9   7D6100 	2PYG3 1040 (1)	4	DIGITAL	1000	70 HR	Y	N	Y	N	2 GAL.	SINGLE BOTTLE	Y	N/A	Y
2PYG2   E35000 	2PYG3 1040 (1)	2	ANA-LOG	800	50 HR	N	N	N	N	1.2 GAL	POUR-IN	N	N/A	Y

ITEM   MODEL/PART#	DESCRIPTION	FITS UNITS
53YP63   AUV20AWHT	Ultrasonic Humidifier: Analog Variable Speed Control; 750 Sq. Ft. Coverage; 24 Hr. Max Run Time ; Multi-Color LED Night light; Aroma Diffuser Tray 	N/A
53YP64   EOVEL103PK	Essential Oil Variety Pack: Vanilla, Eucalyptus, and Lavender; 10 ML Bottles. 	53YP63 / AUV20AWHT Can be used anywhere essential oils are recommended.
53YP65   AU5003PK	Demineralization Cartridge 3 pack. Eliminates white dust and reduces scale build-up. Up to 500 hours of use per cartridge. 	53YP63 / AUV20AWHT
53YP66   AURP10PK	Replacement pads for aroma diffuser trays. 20 pads in each pack. 	53YP63 / AUV20AWHT

ITEM   PART NUMBER	DESCRIPTION		FITS UNITS (item/model number)
2PYG3/1040	Evaporative Wick		2PYF5/D46720; 4NHG1/5D6100; 2PYE9/ 7D6100; 2PYG2/E35000
2PYG4/1041	Evaporative Wick		33TN59/4DTS900; 35XG45/696400HB;
2PYG5/1043	Evaporative Wick		36WJ85/EP9800; 6DMH8/EP9500; 48TC61/831000
2PYG6/1045	Evaporative Wick		44R223/H12300HB; 44R219/H12400HB
32XV45/MAF1	Evaporative Wick		32XV44/MA1201
36WJ83/MAF2	Evaporative Wick		5KEF3/MA0800
36WJ87/HDC311	Evaporative Wick		20HN361/EA1201
50KT19/HDC12	Evaporative Wick		36WJ84/HD1409
2PYG7/1051	Air Filter		33TN59/4DTS900; 35XG45/696400HB; 44R223/H12300HB; 44R219/H12400HB
4NHG3/1050	Air Filter		4NHG1/5D6700
2MWG8/1B50606000	Black water bottle cap		33TN59/4DTS900; 35XG45/696400HB; 44R223/H12300HB; 44R219/H12400HB
2MWG9/4V3398020GRY	Frame and wick for Space Saver series		48TC61/831000
9JD87/1970	Bacteriostat		For evaporative humidifiers only, excluding rotobelt units.
2MWH1	Fill hose w/faucet connector.		Can be used for filling humidifiers or other vessels
2MWJ5/1B571779	Water bottle replacement		2PYE9/7D6 100
2MWH3/1B5060110	Water bottle for 400 series		33TN59/4DTS900
2MWH8/1B5060350	Replacement fan blade		33TN59/4DTS900; 35XG45/696400HB; 44R223/H12300HB; 44R219/H12400HB

## BENEFITS OF HUMIDIFICATION

Wintertime often drops indoor humidity to desert-like levels. Very dry indoor air can be unhealthy, causing chapped lips, dry eyes, scratchy throat and dried out nasal membranes. Furthermore, recent CDC tests have shown that the flu virus thrives in dry air, but falls apart in humidity levels of 43% or better. \*

Adding healthy moisture to the home not only significantly reduces the chance of flu spreading in your home, but benefits your whole home in a variety of ways. Family members (including pets) suffering dry, scratchy skin will get relief. Wood floors, furniture and houseplants will retain their luster and last longer with added moisture in the air. Fine leather furnishings maintain their natural supple qualities in properly humidified homes.

Humidified air can spare you from a painful static shock built up walking across a carpeted room, and more importantly, protect your investment in expensive electronic equipment. Additionally, a humidifier can actually save you money on your heating bills. Humidified air retains heat better, allowing you to comfortably reduce the thermostat and save on energy costs.

\* <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0057485>

## HUMIDIFIER TYPES AND HOW THEY WORK

There are three basic types of humidifiers on the market: Evaporative, Ultrasonic and Vaporizers.

**evaporative:** This humidification method operates using a few simple parts and principles. A fan draws dry air into the unit where impurities in water and air are trapped in the wick. Water from the reservoir is absorbed into the wick where the air is moistened as it passes through. Pure, clean water vapor is released into the air out the top vents.

Evaporative humidifiers have the highest output of all humidifier types, with large reservoir capacity/longest runtime capability. Most have auto humidistats and auto shutoff features allowing users to “set it and forget it”.

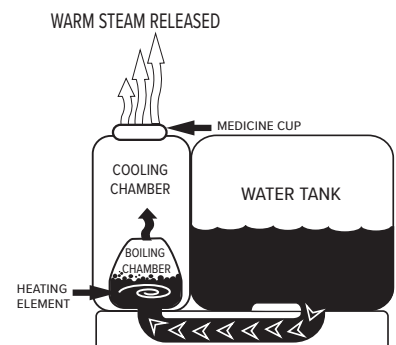
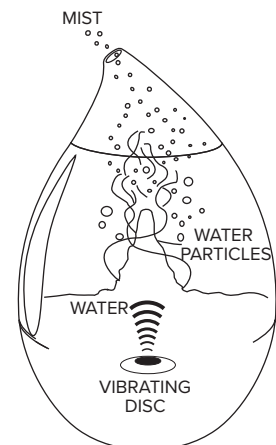
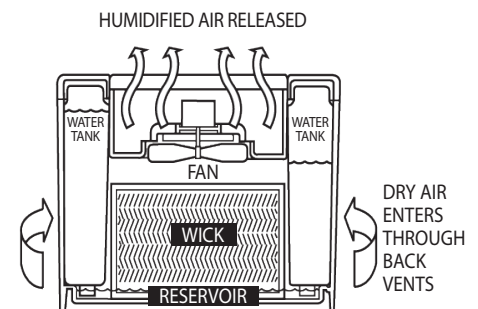
Wicks are typically made of paper or fiber and require replacement seasonally (more often in hard water areas). Some brands use reusable wicks, which often lose efficiency over time.

**ultrasonic:** In ultrasonic humidification an electrical current applied to a piezoelectric ceramic disc causes oscillation at an ultrasonic frequency. The surrounding water is vibrated and follows frequency pattern to the point that ultrafine particles of water break off and are expelled with the help of a very small fan. Some ultrasonic units have heating elements to produce warm mist.

Although the coverage area is small, it is a virtually silent operation. A great variety of sizes and shapes are available within a wide range of costs. There are some concerns over minerals in the water being expelled into the air, but a demineralization filter will alleviate the issue. Ultrasonics provide a relatively low evaporation rate compared to other humidifier types.

**vaporizer:** Often used to disseminate medicine, vaporizers use an electric heating element to boil water, creating steam which then mixes with ambient air. The rapid release of steam offers quick relief to sinus sufferers. These units are small, require regular cleaning to maintain the heating element, and have a very localized area of effectiveness.

No wicks are required for this type of humidifier. Care must be used when using vaporizers around children, as burns can occur from the steam.



AVAILABLE THROUGH

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