

CLIMATE

# AU-HV AIR HANDLERS

Redesigned for easier installation and improved performance. Featuring a rust-free composite drain pan, high-velocity blowers and flexible mounting options, this air handler incorporates innovative features for quiet, powerful performance.

**COMPLETE REDESIGN**

IMPROVED PERFORMANCE

**EASY TO INSTALL**

MOUNTING OPTIONS

**HIGH-VELOCITY BLOWER**

ROTATION OPTIONS



115V/50 OR 60Hz  
230V/50 OR 60 Hz



6,000 -24,000 BTU

Mobile living made easy.

 **DOMETIC**

# RUST-FREE, ANTI-SLOSH DRAIN PAN WITH QUICK A

Model <sup>1 2</sup>	AU6HV		AU9HV		AU12HV		AU18HV		AU24HV	
<b>Nominal Capacity - Cool</b> (BTU/h)	6000		9000		12000		18000		24000	
<b>Voltage @ 50/60Hz 1-Ph</b> (V)	230	115	230	115	230	115	115	230	230	115
<b>Full Load Amps (FLA) Cool</b> (A)	0.83	1.56	0.61	1.14	0.78	1.61	2.52	1.18	1.64	3.4
<b>Full Load Amps (FLA) Heat</b> (A)	5.18	10.26	4.96	9.84	7.3	14.65	28.61	14.22	14.68	29.49
<b>Optional Electric Heat</b> (kW)	1		1.5		1.5		3		3	
<b>Max. Circuit Breaker</b> (A)	10	15	10	15	10	20	30	15	20	35
<b>Min. Circuit Ampacity</b> (A)	6	11	6	11	8	16	30	15	16	31
<b>Water Flow</b> (gpm/lpm)	1.5/5.7		2.3/8.8		3/11.4		4.5/17.1		6/22.8	
<b>Air Flow</b> (cfm/m3h)	229/390		278/473		338/575		465/791		506/860	
<b>External Static Pressure</b> (in H <sub>2</sub> O/Pa)	0.3/74.7		0.3/74.7		0.3/74.7		0.3/74.7		0.3/74.7	
<b>Chilled Water Pressure Drop</b> (PSI)	1.1		4.4		8		4.6		11	
<b>Max. Height</b> (in/mm) <sup>3</sup>	12.13/309		13.31/339		13.38/340		15.38/391		16.75/426	
<b>Max. Width</b> (in/mm) <sup>3</sup>	14.5/369		16.5/420		16.5/420		20.13/512		22.63/575	
<b>Max. Depth</b> (in/mm) <sup>3</sup>	12.56/320		13.25/337		14.25/362		15/381		15.38/391	
<b>Drain Connection Size</b> (in/mm)	0.5/13		0.5/13		0.5/13		0.5/13		0.5/13	
<b>Drain Connection Type</b>	FPT		FPT		FPT		FPT		FPT	
<b>Chilled Water Connection Size</b> (in/mm)	0.5/13		0.5/13		0.5/13		0.5/13		0.5/13	
<b>Chilled Water Connection Type</b>	FPT		FPT		FPT		FPT		FPT	
<b>Min. Supply Duct Size</b> (in/mm)	5/127		6/153		6/153		7/178		8/204	
<b>Min. Supply Air Grille Size</b> (sq in/sq cm)	35/226		49/317		70/452		100/646		140/904	
<b>Min. Return Air Grille Size</b> (sq in/sq cm)	70/452		98/633		130/839		200/1291		240/1549	
<b>Net Weight</b> (lbs/kg)	22/10		26/11.8		30/13.6		34.75/15.8		40.5/18.4	
<b>Gross Weight</b> (lbs/kg)	29/13.15		34/15.4		39/17.7		45/20.5		53/24.0	

<sup>1</sup> Model numbers shown are for 115V units with high-velocity (HV) blowers. Add a 'Z' for 230V units; add '-FC' for optional flow control; add '-L\_' or '-R\_' for valve position (relative to the coil) and angle of the blower; add '\_kW' for amount of optional electric heat in kilowatts (for ex. 1.5 kW). See DWG H3050002 for a visual explanation of valve orientation and blower angle.

<sup>2</sup> 'HV' indicates high-velocity blower.

<sup>3</sup> All dimensions ± 0.30 in/8 mm.

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# AND EASY INSTALLATION



Model <sup>1</sup>	AU6DC	AU9DC	AU12DC	AU18DC	AU24DC
<b>Nominal Capacity - Cool</b> (BTU/h)	6000	9000	12000	18000	24000
<b>Voltage @ 50/60Hz 1-Ph</b> (V)	230	230	230	230	230
<b>Full Load Amps (FLA) Cool</b> (A)	1.4	1.4	3.17	3.9	3.86
<b>Full Load Amps (FLA) Heat</b> (A)	5.75	7.92	9.69	17	16.9
<b>Full Load Amps (FLA) Blower</b> (A)	1.4	1.4	3.2	3.9	3.9
<b>Optional Electric Heat</b> (kW)	1	1	1.5	3	3
<b>Max. Circuit Breaker</b> (A)	10	10	15	20	20
<b>Min. Circuit Ampacity</b> (A)	7	9	11	18	18
<b>Water Flow</b> (gpm/lpm)	1.5/5.7	2.25/8.6	3/11.4	4.5/17.1	6/22.8
<b>Air Flow</b> (cfm/m3h)	200/340	300/510	400/680	600/1020	700/1190
<b>External Static Pressure</b> (in H <sub>2</sub> O/Pa)	2.9/722.1	2.8/697.2	2.6/647.4	2.1/522.9	1.4/348.6
<b>Chilled Water Pressure Drop</b> (PSI)	1.1	4.4	8	4.6	11
<b>Max. Height</b> (in/mm) <sup>2</sup>	11.7/298	13.4/341	13.4/341	14.4/366	15.5/394
<b>Max. Width</b> (in/mm) <sup>2</sup>	14.4/366	16.4/417	16.4/417	19.9/506	22.4/569
<b>Max. Depth</b> (in/mm) <sup>2</sup>	14/356	14/356	16.7/425	17.3/440	17.3/440
<b>Drain Connection Size</b> (in/mm)	0.5/13	0.5/13	0.5/13	0.5/13	0.5/13
<b>Drain Connection Type</b>	FPT	FPT	FPT	FPT	FPT
<b>Chilled Water Connection Size</b> (in/mm)	0.5/13	0.5/13	0.5/13	0.5/13	0.5/13
<b>Chilled Water Connection Type</b>	FPT	FPT	FPT	FPT	FPT
<b>Min. Supply Duct Size</b> (in/mm)	5/127	6/153	6/153	7/178	8/204
<b>Min. Supply Air Grille Size</b> (sq in/sq cm)	35/226	49/317	70/452	100/646	140/904
<b>Min. Return Air Grille Size</b> (sq in/sq cm)	70/452	98/633	130/839	200/1291	240/1549
<b>Net Weight</b> (lbs/kg) <sup>3</sup>	24/10.9	26.5/12.1	33.25/15.1	42/19.1	46/20.9
<b>Gross Weight</b> (lbs/kg)	31/14.1	35/15.9	42/19.1	54/24.5	58/26.4

<sup>1</sup> Model numbers shown are for 115V units with optional brushless "WhisperCool" (DC) blowers. Add a 'Z' for 230V units; add '-FC' for optional flow control; add '-L\_' or '-R\_' for valve position (relative to the coil) and angle of the blower; add '\_kW' for amount of optional electric heat in kilowatts (for ex. 1.5 kW). See DWG H3050002 for a visual explanation of valve orientation and blower angle.

<sup>2</sup> All dimensions ± 0.30 in/8 mm.

<sup>3</sup> Without electric heat option, subtract 3 lbs/1.4 kg from unit weight for each heater element.



# RUST-FREE, ANTI-SLOSH DRAIN PAN WITH QUICK AND EASY INSTALLATION



## 1. OPTIONAL EU PACKAGE

Upgrades include improved insulation and wire loom, protective cover for water-tube hairpins, and more



## 2. OPTIONAL DC "WHISPERCOOL" BLOWERS

Extremely quiet yet powerful



## 3. BREATHE EASY™

Optional integrated Breathe Easy™ air purifier eliminates odors and is up to 99.9% effective in neutralizing contaminants in the air



## 4. VIBRATION ISOLATION

Less vibration for quiet operation



## 5. 270° BLOWER ROTATION

Single adjustment screw lets you easily and quickly set the best angle for connection to duct



## 6. COMPOSITE DRAIN PAN

Durable and rust free