

Specifications for AU-HV Gold Series Air Handlers

Model ⁽¹⁾	AU6HV		AU9HV		AU12HV		AU18HV		AU24HV	
Nominal Capacity - Cool (BTU/h)	6000		9000		12000		18000		24000	
Voltage @ 50/60Hz 1-Ph (V)	230	115	230	115	230	115	115	230	230	115
Full Load Amps (FLA) Cool (A)	0.83	1.56	0.61	1.14	0.78	1.61	2.52	1.18	1.64	3.4
Full Load Amps (FLA) Heat (A)	5.18	10.26	4.96	9.84	7.3	14.65	28.61	14.22	14.68	29.49
Optional Electric Heat (kW)	1		1.5		1.5		3		3	
Max. Circuit Breaker (A)	10	15	10	15	10	20	30	15	20	35
Min. Circuit Ampacity (A)	6	11	6	11	8	16	30	15	16	31
Water Flow (gpm/lpm)	1.5/5.7		2.3/8.8		3/11.4		4.5/17.1		6/22.8	
Air Flow (cfm/m ³ h)	229/390		278/473		338/575		465/791		506/860	
External Static Pressure	0.3/74.7		0.3/74.7		0.3/74.7		0.3/74.7		0.3/74.7	
Chilled Water Pressure Drop (PSI)	1.1		4.4		8		4.6		11	
Min. Height (in/mm)	11.19/285		13.31/339		13.31/339		13.94/355		15.25/388	
Max. Height (in/mm) ⁽²⁾	12.13/309		13.31/339		13.38/340		15.38/391		16.75/426	
Max. Width (in/mm) ⁽²⁾	14.5/369		16.5/420		16.5/420		20.13/512		22.63/575	
Max. Depth (in/mm) ⁽²⁾	12.56/320		13.25/337		14.25/362		15/381		15.38/391	
Chilled Water Connection Size (in)	½		½		½		½		½	
Min. Supply Duct Size (in/mm)	5/127		6/153		6/153		7/178		8/204	
Min. Supply Air Grille Size (sq in/sq cm)	35/226		49/317		70/452		100/646		140/904	
Min. Return Air Grille Size (sq in/sq cm)	70/452		98/633		130/839		200/1291		240/1549	
Net Weight	0		0		30.5 lbs/13.9 kg		36 lbs/16.4 kg		0	
Gross Weight	0		0		39 lbs/17.7 kg		45 lbs/20.5 kg		0	

¹ 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. 1.5kW). See DWG H3050002 for a visual explanation of valve orientation and blower angle.

² All dimensions ± 0.30 in. (8 mm).

About the EU Package

The EU Package includes several upgrades for reduced installation time and an improved appearance.

A plastic cover (A) protects the exposed water-tube hairpins. An upgraded wire loom (B) is used for better aesthetics and all electrical connections use quick plugs (C) so there are no wires to connect. A new durable bleeder assembly with cradle (D) gives easy access and speeds the air bleeding process.

A capacitor, protected under a plastic housing (E), replaces the electrical box. In addition, a slave box can be used to control multiple air handlers from a single cabing control, all with plug-in connections. The plumbing connections (F) are shorter so the installation takes up less space.



Key Benefits

- Quick-plug electrical connections
- Upgraded wire loom for improved appearance
- Less space needed for plumbing connections
- Easy access to bleeder assembly

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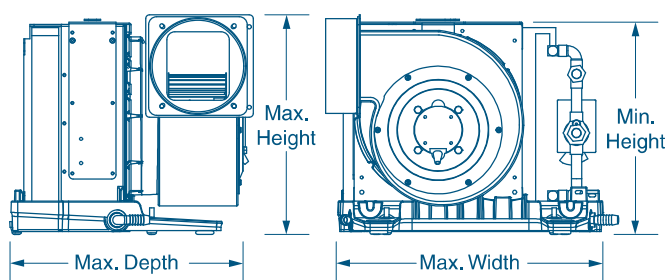
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Dimensions



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