

# ATV Air Handlers for Chillers

## Designed With Depth Constraints In Mind



ATV6DC air handler shown

**The ATV is a chilled-water air handler designed for applications where very little depth is available.** Showcasing a unique vertical layout, this model has the coil low and the blower above.

**Put it in the wall.** Tall and slim, the ATV makes previously unusable areas suitable for blower installation. With a depth of only 9.4" (240mm) it can be hidden in side areas instead of in places above or below, where most air handlers go. Designed for ducted applications, the ATV has a strong, quiet DC blower that rotates to discharge vertically or horizontally.

**Heat is just a button-press away.** Typically, each cabin or living space has one or more air handlers, each with an independent climate control to provide passengers with the most comfortable environment on the water. The ATV air handler includes an electric heater to provide supplemental heat in cold climates. The ATV can also provide heat to its cabin even while the chiller is supplying cool air to other areas.

Dometic air handlers have deep drain pans, use corrosion-resistant materials, and are fully insulated to prevent secondary condensation. An optional flow control is highly recommended to help distribute the flow of chilled water more efficiently.

### Key Benefits

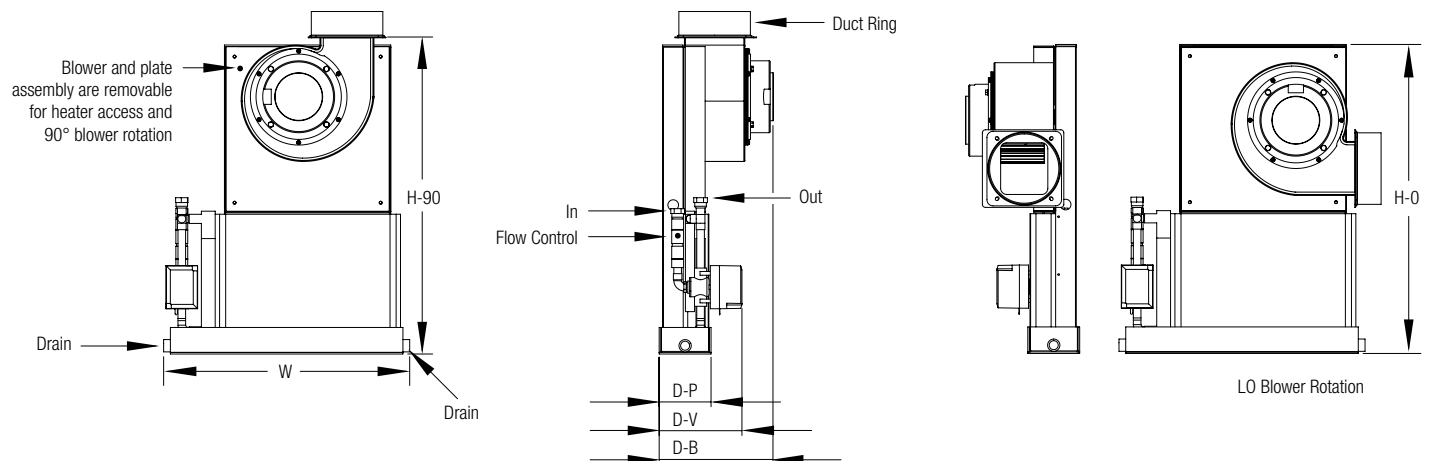
- Fits into walls.
- Unique vertical design.
- Minimal depth.
- DC blower provides strong, quiet performance.
- Blower rotates to vertical or horizontal positions for ducted applications.
- Electric heater included.

# Technical Specifications for ATV Air Handlers

Model	ATV9DC	ATV12DC
Capacity (BTU/Hr)	9,000	12,000
Voltage	208-230/50-60/1	208-230/50-60/1
Amps (FLA) Cool	1.4	3.2
Optional Heater KW	1	1.5
Heater Amps	4.3	6.5
Amps (FLA) Heat	5.7	9.7
<b>Max. Fuse</b>		
Without Electric Heat	4	5
With Electric Heat	5	10
Water Flow, GPM (liters/min)	2.25/8.5	3/11
Air Flow, CFM (m <sup>3</sup> /hr)	200/340	400/680
External static pressure (in H <sub>2</sub> O/Pa)	2.9/720	2.6/650
Height (in/mm)	26/660	26/660
Width (in/mm)	25.4/645	25.4/645
Duct Ring Diameter (in/mm)	6/152	6/152
H-90 (in/mm)	26/660	26/660
H-0 (in/mm)	25.4/645	25.4/645
D-P (in/mm)	4.3/110	4.3/110
D-V (in/mm)	6.8/170	6.8/170
D-B (in/mm)	9.4/240	9.4/240
Minimum Supply Air Outlet (in <sup>2</sup> /cm <sup>2</sup> )	49/320	70/450
Minimum Return Air Inlet (in <sup>2</sup> /cm <sup>2</sup> )	98/630	130/840
Drain Connections, Female NPT	1/2"	1/2"
Chilled Water Connections, Female NPT	1/2"	1/2"
Net Weight (lb/kg)	31/12	31/12
Gross Weight (lb/kg)	40/15	40/15

**Notes:**

Blower amps will be reduced at lower speed/cfm/static pressure. Dimensions are ± 0.3 inches or 8mm.



Dealer:

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