

ATL-DC Series Low-Profile Air Handlers

Whisper Quiet Units Ideal for Height-Restrictive Spaces



The ATL-DC series of chilled water air handlers represents an improved design approach to low-profile, draw-through air handlers. These "open top" units allow easier maintenance access and reduced dimensions overall.

Key Benefits

- DC "WhisperCool" blowers are extremely quiet yet powerful enough to overcome high-static-pressure duct
- Improved design for easier servicing, smaller dimensions overall
- Top panel is removable for easier service access
- Dual blowers are mounted horizontally for exceptionally low profile
- Suspend from above or support from beneath (hardware included)
- Enclosed design
- Internal components are insulated against secondary condensation
- Vibration-isolation mounts reduce noise and vibration.
- Bypass valve has removable power head for simple servicing
- Valve body is soldered to unit to prevent leaks
- Electrical box can be remotely mounted up to 6 ft. (1.8 m)
- Remote air bleeder on 6 ft. (1.8 m) of flexible tubing with ball valve
- Valve on left (standard) or on right (optional)
- Optional flow control automatically balances circulated water throughout the system
- Optional Electric Heat
- Optional Breathe Easy™ microparticle air filter

Cruisair®

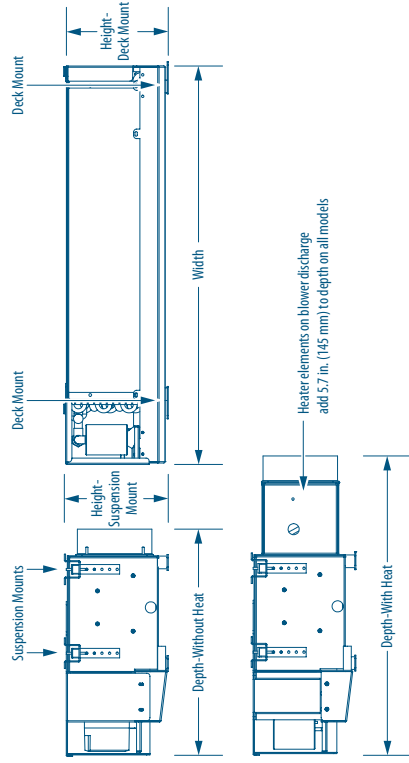
by Dometic GROUP

Specifications for ATL-DC Series Low-Profile Air Handlers

Model ⁽¹⁾	ATL6DC	ATL9DC	ATL12DC	ATL18DC	ATL24DC	ATL36DC
Nominal Capacity (BTU/h)	6000	9000	12000	18000	24000	36000
Voltage @ 50/60Hz L-Ph (V)	230	230	230	230	230	230
Full Load Amps (FLA) Cool (A)	1.4	1.4	2.8	2.8	3.9	1.64
Full Load Amps (FLA) Blower (A)	1.4	1.4	2.8	2.8	1.5	3
Optional Electric Heat (kW) ⁽²⁾	1	1	2	2	1.5	3
Heater Amps (A)	5.7	5.7	11.5	11.5	8	16
Max. Circuit Breaker (A)	5	5	5	5	5	15
Min. Circuit Ampacity (A)	2	2	4	4	5	13
Water Flow (gpm/lpm)	1.5/5.7	2.25/8.6	3/11.4	4.5/17.1	6/22.8	9/34.1
Air Flow (cfm/m ³ h) ⁽³⁾	200/340	275/468	400/680	550/935	670/1139	1000/1700
External Static Pressure (inH ₂ O/Pa)	1.75/435.8	0.6/149.4	1.75/435.8	0.6/149.4	0.3/74.7	0.3/74.7
Height-Deck Mount (in/mm) ⁽⁴⁾	8/204	8/204	8/204	8/204	10/254	10/254
Height-Suspension Mount (in/mm) ⁽⁴⁾	8.2/209	8.2/209	8.2/209	8.2/209	10.1/257	10.1/257
Max. Width (in/mm) ⁽⁴⁾	19.6/498	19.6/498	31.5/801	31.5/801	43.8/1113	61.8/1570
Depth-Without Heat (in/mm) ⁽⁴⁾	19.7/501	19.7/501	17.9/455	17.9/455	20.5/521	20.5/521
Depth-With Heat (in/mm) ⁽⁴⁾	25.4/646	25.4/646	23.6/600	23.6/600	26.2/666	26.2/666
Drain Connection Size (in)	1/2	1/2	1/2	1/2	1/2	1/2
Drain Connection Type	tube stubs	FPT	tube stubs	tube stubs	tube stubs	tube stubs
Chilled Water Connection Size (in)	1/2	1/2	1/2	1/2	1/2	1/2
Chilled Water Connection Type	FPT	FPT	FPT	FPT	FPT	FPT
Min. Supply Duct Size (in/mm) ⁽⁵⁾	6/153	6/153	6/153	6/153	8/204	8/204
Min. Supply Air Grille Size (sq in/sq cm)	35/226	49/317	35/226	49/317	147/949	168/1084
Min. Return Air Grille Size (sq in/sq cm)	70/452	98/633	130/839	200/7291	240/7549	360/2323
Pan Style	sloped	sloped	sloped	sloped	sloped	sloped

¹ Add '-FC' at end of model name for optional flow control; the default valve position is to the left of the coil (as one faces it), so add 'R' to the model for the valve on the right side; add '#KW' for amount of optional electric heat in kilowatts.
² 1.5kW is recommended for the ATL24 because it has one blower, 2kW is the maximum.
³ Air flow data is for units without electric heat. Electric heat reduces air flow by an amount to be determined.
⁴ All dimensions ± 0.30 in. (8 mm).
⁵ ATL12, ATL18, and ATL36 models have dual blowers and therefore two supply duct rings.

Dimensions



Dealer



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Specifications and availability subject to change without notice.