

CLIMATE

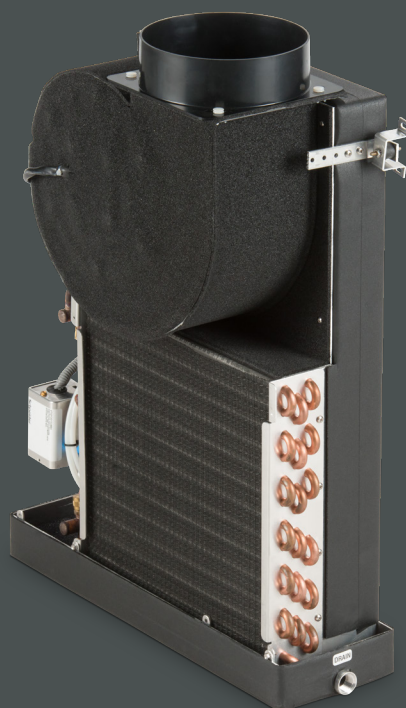
ATV-HV AIR HANDLERS

Designed for applications where very little depth is available. Featuring a slim profile, these air handlers make previously unusable areas suitable for installation.

VERTICAL DESIGN
REDUCED DEPTH

**OPTIONAL DC
"WHISPERCOOL"
BLOWERS**
ULTRA QUIET

**INSULATED
COMPONENTS**
RESISTS CONDESAION



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



6,000 - 36,000 BTU

Mobile living made easy.

 **DOMETIC**

Model ¹	ATV6HV	ATV9HV	ATV12HV	ATV18HV	ATV24HV
Nominal Capacity - Cool (BTU/h)	6000	9000	12000	18000	24000
Volatage @ 50/60hz 1-PH (V)	230	230	230	230	230
Full Load Amps (FLA) Cool (A)	0.9	0.7	0.7	1.15	1.64
Full Load Amps (FLA) Blower (A)	0.9	0.7	0.7	1.15	1.64
Optional Electric Heat (kW)	1	1	1	3	3
Heater Amps (A)	5.25	5.1	5.1	14.2	14.69
Max Circuit Breaker (A)	5	5	5	5	5
Min Circuit Ampacity (A)	2	1	1	2	3
Water Flow (gpm/lpm)	1.5/5.7	2.25/8.6	3/11.4	4.5/17.1	6/22.8
Air Flow (cfm/m3h) (3)	245/417	280/476	370/629	485/825	709/1205
External Static Pressure (inH2O/Pa)	0.3/74.7	0.3/74.7	0.3/74.7	0.3/74.7	0.3/74.7
Max. Height (in/mm) ⁴	23/585	24.2/615	24.1/613	28.1/714	31.46/800
Width-Drain Pan (in/mm) ²	19.4/493	19.4/493	19.2/488	20.3/516	22.8/580
Depth-Drain Pan (in/mm) ²	4.4/112	4.4/112	4.2/107	6.3/160	7.93/202
Max. Depth (in/mm) ²	7.1/181	7.7/196	7.9/201	9.1/232	10.86/276
Drain Connection Size (in/mm)	0.5/13	0.5/13	0.5/13	0.5/13	0.5/13
Drain Connection Type	FPT	FPT	FPT	FPT	FPT
Chilled Water Connection Size (in/mm)	0.5/13	0.5/13	0.5/13	0.5/13	0.5/13
Chilled Water Connection Type	FPT	FPT	FPT	FPT	FPT
Min. Supply Duct Size (in/mm) ⁵	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

¹ 'DC' indicates WhisperCool DC blower. 'LP' indicates low-profile configuration; replace with 'SQ' for square configuration.

² All dimensions ± 0.30 in/8 mm.

³ Heights listed are for 'LP' configurations.

Model ¹	ATV6DC-LP	ATV9DC-LP	ATV12DC-LP	ATV18DC-LP	ATV24DC-LP	ATV36DC-LP
Nominal Capacity - Cool (BTU/h)	6000	9000	12000	18000	24000	36000
Volatage @ 50/60hz 1-Ph (V)	230	230	230	230	230	230
Full Load Amps (FLA) Cool (A)²	1.4	1.4	2.3	2.3	2.3	2.3
Full Load Amps (FLA) Blower (A)	1.4	1.4	2.3	2.3	2.3	2.3
Optional Electric Heat (kW)	1	1.5	1.5	2	3	3
Heater Amps	5.7	7.9	8.8	11	15.3	15.3
Max. Circuit Breaker (A)	10	5	5	5	5	5
Min Circuit Ampacity (A)	7	2	4	3	3	3
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/m3h) (3)	290/493	290/493	421/716	548/932	670/1139	670/1139
External Static Pressure (inH2O/Pa)	0.3/74.7	0.3/74.7	2.1/522.9	1.4/348.6	0.3/74.7	0.3/74.7
Max. Height (in/mm) ³	22.9/582	22.9/582	24.1/613	27.9/709	29.9/760	34.7/882
Min. Depth (in/mm) ³	4.1/105	4.1/105	4.2/107	6/153	7.7/196	7.6/194
Max. Depth (in/mm) ³	7.5/191	7.5/191	9.4/239	10.1/257	10.8/275	11.4/290
Drain Connection Size (in/mm)	0.5/13	0.5/13	0.5/13	0.5/13	0.5/13	0.5/13
Drain Connection Type	FPT	FPT	FPT	FPT	FPT	FPT
Chilled Water Connection Size (in/mm)	0.5/13	0.5/13	0.5/13	0.5/13	0.5/13	1/26
Chilled Water Connection Type	FPT	FPT	FPT	FPT	FPT	FPT
Min. Supply Duct Size (in/mm) 5	5/127	6/153	6/153	7/178	8/204	8/20
Min. Supply Air Grille Size (sq in/sq cm)	35/226	49/317	70/452	100/646	140/904	196/1265
Min. Return Air Grille Size (sq in/sq cm)	70/452	98/633	130/839	200/1291	240/1549	360/2323

¹ 'DC' indicates optional brushless "WhisperCool" (DC) blowers. 'Z' indicates 230V. Add '-L' for valve on the left relative to the blower side of the coil (right side is the default); add '#kW' for amount of optional electric heat in kilowatts.

² Blower amps will be reduced at lower speed/cfm or higher static pressure. Amps listed are at free air.

³ All dimensions ± 0.30 in/8 mm.

DESIGNED WITH DEPTH CONSTRAINTS IN MIND



1. INNOVATIVE DESIGN

Unique vertical design results in dramatically reduced depth



2. OPTIONAL DC "WHISPERCOOL" BLOWERS

Extremely quiet yet powerful



3. CLEANER DRAIN PAN

Drain pan has anti-splash, anti-fungal foam lining