2018

MOBILE LIVING MADE EASY.

OUR AIR CONDITIONING PRODUCTS WILL MAKE YOUR BOAT FEEL LIKE HOME.

DOMETIC

AIR CONDITIONING PRODUCTS

SELF-CONTAINED SYSTEMS

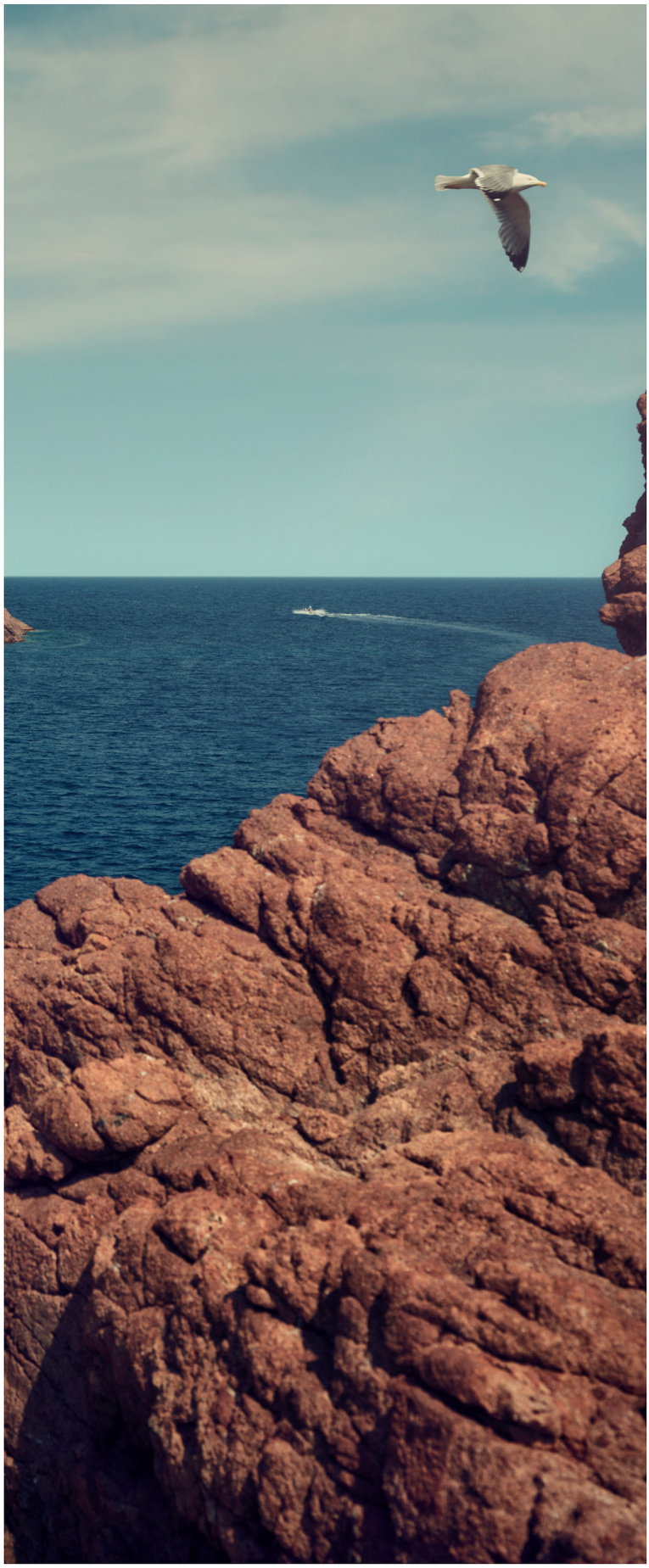
For fast and easy retrofitting: Dometic Marine Climate Systems integrate cooling, dehumidification and heating in one compact unit. The complete sets come with all required installation materials and a user friendly control panel. Available in three capacity versions: 6000, 12000 and 16000 BTU/h.

ACCESSORIES

All you need for easy installation and convenient use: ventilation grilles, air distribution kit, air purifier, centrifugal seawater pumps, stylish and smart displays and controls. Plus, a new sound cover to make a quiet compressor even quieter.

ROOFTOP A/C SYSTEM

The ideal climate solution for supply vessels, patrol boats and houseboats. Extremely robust design, lightweight and with an ample cooling capacity up to 12000 BTU/h. Easy to install – no ducting, no plumbing required.



SELF CONTAINED AIR CONDITIONING

SPLIT-GAS AIR CONDITIONING

CHILLED WATER AIR CONDITIONING

AIR HANDLERS

CABIN CONTROL

AIR CONDITIONING ACCESSORIES

DOMETIC

TURBO
SELF-CONTAINED A/C

Designed from the inside out with multiple patented innovations.
The redesigned composite drain pan of the Turbo Series is stronger
with beefed-up drain threads to resist cracking.

INCREASED EFFICIENCY
SAVES POWER

MORE COOLING
HIGHER CAPACITY

SAVES SPACE
COMPACT DESIGN

AC

115V/60Hz
230V/60Hz
220-240V/50Hz

6,000 - 16,000 BTU

POWERFUL, QUIET AND COMPACT WITH NO DRAIN PAN WORRIES

Model [1]	**DTU6**			**DTU8**			**DTU10**			**DTU12**			**DTU16**		
Capacity (BTU/h) [2]	6000			8000			10000			12000			16000		
Voltage (V)	115	230	240	115	230	240	115	230	240	115	230	240	115	230	240
Cycle (Hz) [3] **/Phase** (Ph)	60/1	50/1	60/1	50/1	60/1	50/1	60/1	50/1	60/1	–	50/1	–	–	–	–
Full Load Amps (FLA) **Cool** (A)	4.6	2.2	2.7	5.5	3.1	3.2	6.7	3.3	3.2	8.7	4	3.3	10.4	5.1	4.5
Full Load Amps (FLA) **Heat** (A)	5.9	2.8	3.7	7.1	4	4.1	8.8	3.9	4.3	10.9	5.1	4.3	13.6	6.6	5.9
Full Load Amps (FLA) **Blower** (A)	0.8	0.36	1.31	0.7	0.83	1.14	0.61	0.48	1.14	0.61	0.48	1.61	0.78	0.56	–
Locked Rotor Amps (LRA) (A)	36	17.7	17.7	36	17.7	17.7	42	22	21	58	28	21	62	34	22
Max. Circuit Breaker (A)	15	10	10	20	10	10	25	15	10	30	15	10	40	20	15
Min. Circuit Ampacity (A)	12	7	6	13	7	7	16	10	8	20	11	8	25	12	11
Refrigerant Type	410A	410A	410A	410A	410A	410A	410A	410A	410A	410A	410A	410A	410A	410A	410A
Min. Height (in/mm) [4]	10.8/275			10.8/275			12.2/310			12.2/310			12.9/328		
Max. Height (in/mm) [4]	11.1/282			11.1/282			13/331	12.5/318	12.5/318	12.5/318			13.4/341		
Height w/Opt. Sound Cover (in/mm) [4]	13.4/341			13.4/341			14/356			14/356			14/356		
Width (in/mm) [4]	17.6/448			17.6/448			20.4/519			20.4/519			21.4/544		
Max. Depth (in/mm) [4]	10.7/272			10.7/272			12.4/315			12.4/315			13.3/338		
Min. Supply Duct Size (in/mm)	4/102			5/127			6/153			6/153			7/178		
Min. Supply Air Grille Size (sq in/sq cm)	32/207			48/310			60/388			70/452			80/517		
Min. Return Air Grille Size (sq in/sq cm)	64/413			80/517			100/646			130/839			160/1033		
Seawater Inlet Connection	0.625/16			0.625/16			0.625/16			0.625/16			0.625/16		
Net Weight (lbs/kg) [5]	42.5/19.3	33/15	42.5/19.3	45.55/20.7	36/16.4	36/16.4	47.7/21.7	50.5/23	45/20.5	47/21.4	52/23.6	46/20.9	60/27.3	60/27.3	58.25/26.5
Gross Weight (lbs/kg) [5]	50.25/22.8	41/18.6	50.75/23.1	53.75/24.4	44/20	44/20	57.5/26.1	59.5/27	53/24.1	55/25	61/27.7	54/24.5	69.5/31.6	69/31.3	67.75/30.8
Height-Electrical Box (in/mm)	8.8/224			8.8/224			8.8/224			8.8/224			8.8/224		
Width-Electrical Box (in/mm)	6.5/166			6.5/166			6.5/166			6.5/166			6.5/166		
Depth-Electrical Box (in/mm)	2.7/69			2.7/69			2.7/69			2.7/69			2.7/69		

[1] To complete the model numbers for a specific voltage/cycle/phase, add a '-1161' for 115V/60Hz/1-Phase, '-2251' for 220-240V/50Hz/1-Phase, and '-2361' for 230V/60Hz/1-Phase, followed by '-410A' (e.g. 'DTU16-2361-410A').

[2] BTU and electrical data are based on a 45°F/7.2°C evaporator and 100°F/37.8°C condenser in cool mode, and a 45°F/7.2°C evaporator and 130°F/54.4°C condenser in heat mode.

[3] 60Hz units must not operate at 50Hz and 50Hz units must not operate at 60Hz unless data plate states otherwise.
[4] All dimensions ± 0.30 in/8 mm.
[5] All weights ± 10%.

1. QUIET
Vibration-isolation mounting clips reduce vibration and noise

2. UPGRADE
Optional sound cover further reduces compressor noise by up to 50%

3. WORRY FREE
Composite drain pan will not rust

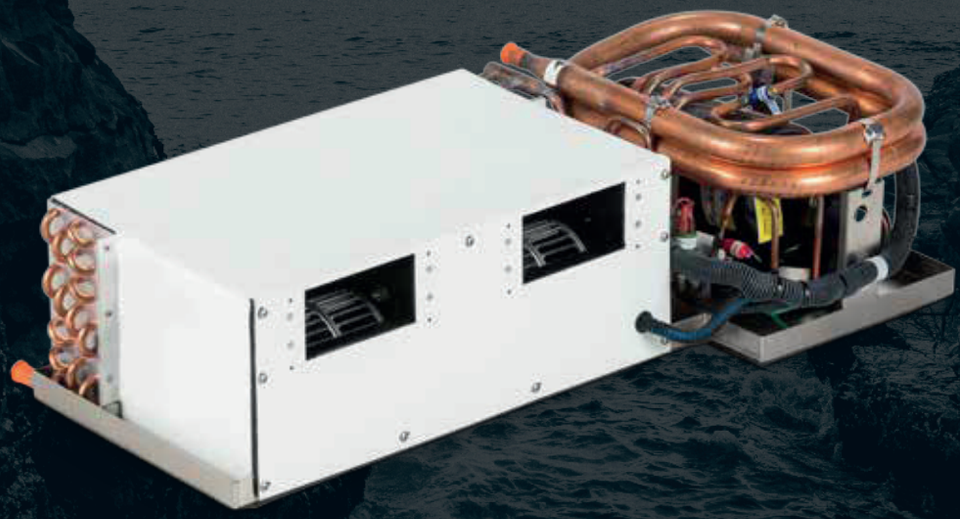
LOW PROFILE SELF-CONTAINED A/C

Low-profile self-contained boat air conditioner is designed for unique applications.
Can be installed in height-restrictive spaces.

ONLY 8 IN/203 MM HIGH
COMPACT DESIGN

HORIZONTAL DESIGN
DUAL BLOWERS

16,000 BTU
COOLING & HEATING



AC

115V/60Hz
230V/60Hz
220-240V/50Hz

16,000 BTU

DESIGNED FOR HEIGHT-RESTRICTIVE INSTALLATIONS

Model[1]	**DLU16**			**EDLE16**	
Capacity (BTU/h)[2]	16000			16000	
Voltage (V)	115	230	240	115	230
Cycle 1 (Hz)	60		50	60	50 or 60
Phase (Ph)	1			1	
Full Load Amps (FLA) **Cool** (A)	12.8	4.7	4.42	1.5	0.62
Full Load Amps (FLA) **Heat** (A)	15.5	6.2	5.82	N/A	
Full Load Amps (FLA) **Blower** (A)	2	0.86	0.62	2	0.86
Locked Rotor Amps (LRA) (A)	63	29	26	N/A	
Max. Circuit Breaker (A)	40	20	15	5	
Min. Circuit Ampacity (A)	24	14	11	2	1
Refrigerant Type	R410A	R410A	R410A	N/A	
Height (in/mm)[3]	8/204			7.48/190	
Width (in/mm)[4]	30.25/769			22.24/565	
Depth (in/mm)[4]	14/356			11.16/284	
Min. Supply Duct Size (in/mm)	5/127			5/127	
Quantity-Duct Connections	2			2	
Min. Supply Air Grille Size (sq in/sq cm)	80/517			80/517	
Min. Return Air Grille Size (sq in/sq cm)	160/1033		106/684	160/1033	
Seawater Inlet Connection (in/mm)	0.625/16			N/A	
Net Weight (lbs/kg)[4]	70/31.8	65/29.5	72.25/32.8	19/8.7	
Gross Weight (lbs/kg)[4]	80/36.3	76/34.5	81.75/37.1	29/13.2	

[1] To complete the model numbers for a specific voltage/cycle/phase, add a '-1161' for 115V/60Hz/1-Phase, '-2251' for 220-240V/50Hz/1-Phase, or '-2361' for 230V/60Hz/1-Phase, followed by '-410A' (e.g. 'DLU16-2361-410A').
[2] 60Hz units must not operate at 50Hz and 50Hz units must not operate at 60Hz unless data plate says otherwise.
[3] All dimensions ± 0.30 in/8 mm.
[4] All weights ± 10%.

1. INNOVATIVE DESIGN

Unique horizontal compressor

2. HIGH EFFICIENCY

Ductable tangential blowers

3. LESS MESS

Stainless-steel drain pan

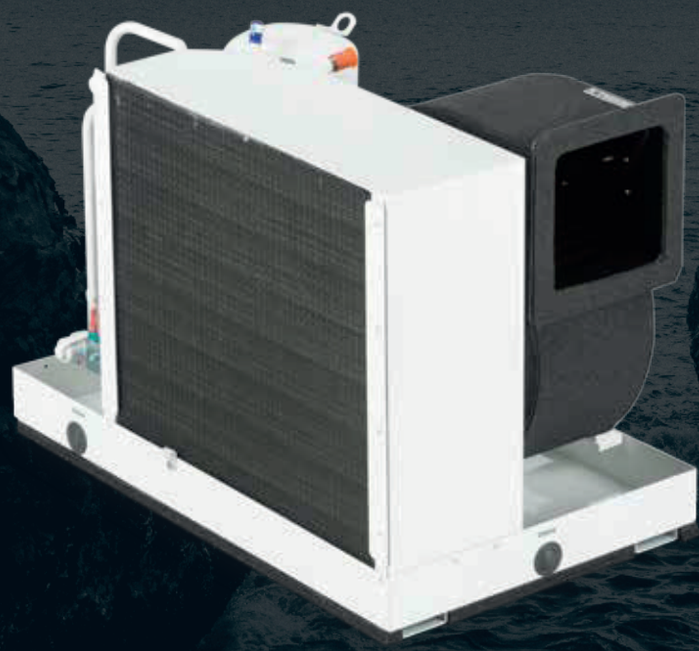
COMPACT SELF-CONTAINED A/C

Engineered to harness and maximize the impressive performance of environmentally safe R-410A refrigerant. These units offer direct expansion operation in a compact, low-profile unit with a seawater-cooled condenser and choice of controls.

25% SMALLER
COMPACT DESIGN

HIGH EFFICIENCY
QUIET & RELIABLE

INCREASED CAPACITY
PATENTED DESIGN



AC

115V/60Hz
230V/60Hz
220-240V/50Hz

18,000 - 30,000 BTU

HIGH-CAPACITY AIR CONDITIONING IN A COMPACT PACKAGE

Model [1]	**DCU18**			**DCU27**		**DCU30**	
Capacity (BTU/h) [2]	18000			27000		30000	
Voltage (V)	115	230	220	230	220	230	380
Cycle (Hz)[3]/**Phase** (Ph)	60/1		50/1	60/1	50/1	60/1	50/3
Full Load Amps (FLA) **Cool** (A)	11.1	6.4	5.7	8	7.6	9.7	4.96
Full Load Amps (FLA) **Heat** (A)	15.1	8.3	7	11.2	11	12.8	5.96
Full Load Amps (FLA) **Blower** (A)	1.93	1.15		1.64		1.76	1.56
Locked Rotor Amps (LRA) (A)	66	32	26	58.3	60	53	38
Max. Circuit Breaker (A)	45	20		45	40	35	15
Min. Circuit Ampacity (A)	27	13		27	24	21	10
Refrigerant Type	R410A	R410A	R410A	R410A	R410A	410A	
Height-Coil (in/mm)[4]	14/356			18/458		N/A	N/A
Height-Blower (in/mm)[4]	15.5/394			19.25/489		N/A	N/A
Height-Compressor (in/mm)[4]	N/A	N/A	N/A	N/A	N/A	15/381	16.5/420
Width (in/mm)[4]	21/534			24.75/629		25/635	
Depth (in/mm)[4]	12/305			15.25/388		23/585	
Min. Supply Duct Size (in/mm)	7/178			8/204		5/127	
Quantity-Duct Connections	1			1		2	
Min. Supply Air Grille Size (sq in/sq cm)	100/646			140/904		150/968	
Min. Return Air Grille Size (sq in/sq cm)	200/1291			240/1549		250/1613	
Seawater Inlet Connection (in/mm)	0.625/16			0.625/16		0.625/16	
Net Weight (lbs/kg)[5]	64/29.1	69.45/31.6	70/31.8	120/54.5		108.25/49.2	TBD
Gross Weight (lbs/kg) [5]	73/33.2	81/36.8	82/37.2	130/59		125/57.4	TBD

[1] To complete the model numbers for a specific voltage/cycle/phase, add a '-1161' for 115V/60Hz/1-Phase, or '-2361' for 230V/60Hz/1-Phase, followed by '-410A' (e.g. 'DCU27-2361-410A').
[2] BTU and electrical data are based on a 45°F/7.2°C evaporator and 100°F/37.8°C condenser in cool mode, and a 45°F/7.2°C evaporator and 130°F/54.4°C condenser in heat mode.
[3] 60Hz units must not operate at 50Hz and 50Hz units must not operate at 60Hz unless data plate states otherwise.
[4] All dimensions ± 0.30 in/8 mm.
[5] All weights ± 10%.

1. COMPACT

Compact design reduces unit size by up to 25% of the original size

2. CONFIGURABLE BLOWERS

High-velocity (HV) fully-insulated blowers are rotatable

3. INNOVATIVE STABLE DESIGN

Unique compressor and reversing valve mounting reduces vibration

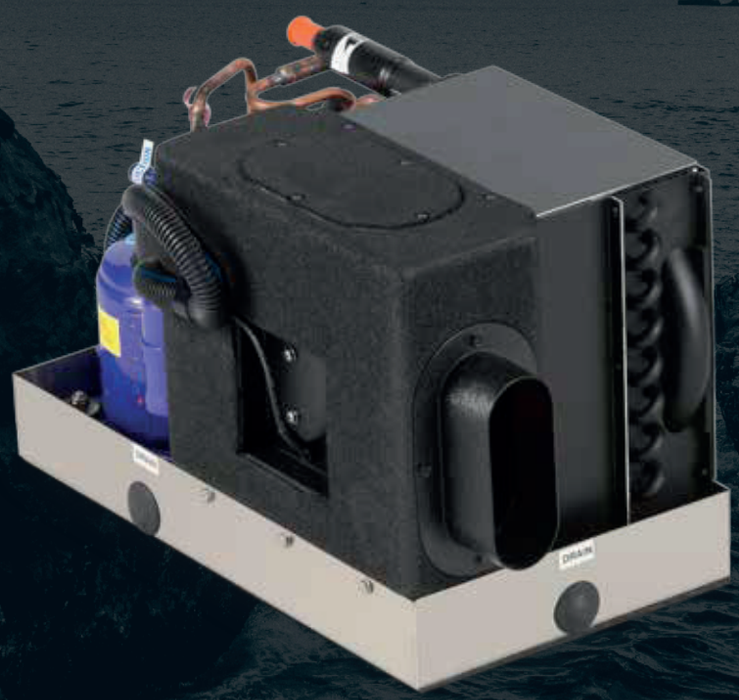
CUDDY II
DC-POWERED A/C

Ideal for sailboats and powerboats, and can be operated directly from batteries or used dockside with a suitable battery charger. It provides 3,500 BTU of cooling capacity and draws only 30 amps (without circulating pump).

SPACE SAVING
COMPACT DESIGN

12V DC-POWERED
EASY TO POWER

3,500 BTU
COOLING POWER



12V DC

3,500 BTU

DC-POWERED AIR CONDITIONING WITH PROGRESSIVE LOW STARTING SURGE

SPECIFICATIONS

MODEL	**CUDDY II**
POWER	**Capacity [1]: 3,500 BTU/hr** **Voltage: 12V DC** **Min. Voltage: 10.5V DC** **Full Load Amps (FLA) Cool: 29.2** **Full Load Amps (FLA) Blower: 2.7** **DC Power Requirement (Amps): 30** **Max. Circuit Breaker (Amps): 50** **Min. Circuit Ampacity (Amps): 42**
REFRIGERANT	**Refrigerant Type: R-134A**
DIMENSIONS	**Height (in/mm): 10.86/276** **Max. Width (in/mm): 18.62/473** **Width-Drain Pan (in/mm): 17.00/432** **Depth (in/mm): 9.5/242**
CONNECTIVITY	**Min. Duct Diameter (in/mm): 4/102** **Min. Supply-Air Grille (sq. in/cm): 30/76** **Min. Return-Air Grille (sq. in/cm): 64/163** **Water Connections (in/mm): 0.63/16**
WEIGHT	**Net Weight (lbs/kg): 35/15.9** **Gross Weight (lbs/kg): 45/20.4**

[1] BTU and electrical data are based on a 45°F (7.2°C) evaporator and 100°F (37.8°C) condenser in cool mode.

1. SPACE SAVING

Ideal for small cabins, sailboats, and powerboats

2. COOL AIR

Provides 3,500 BTUs of cooling power

3. LESS MESS

Stainless-steel insulated base pan

ENVIROCOMFORT RETROFIT A/C KITS

Designed as a do-it-yourself drop-in replacement, value-priced EnviroComfort retrofit kits provide 6,000, 10,000 or 16,000 BTUs of cooling and heating. Complete A/C system installation kits are available.

ROTATABLE BLOWER
INSTALLATION OPTIONS

R-410A REFRIGERANT
ECO-FRIENDLY

DIGITAL CONTROL
EASY TO USE

AC

115V/60Hz
230V/60Hz

6,000-16,000 BTU

CLIMATE CONTROL AT THE TOUCH OF A BUTTON

Model	ECD6K/1-410A	ECD10K/1-410A	ECD16K/1-410A	
Part Number (P/N)	207500306	207500310	207500316	207500017
Capacity (BTU/h)	6000	10000	16000	
Voltage (V)	115	115	115	230
Cycle (Hz)/**Phase** (Ph)	60/1	60/1	60/1	
Full Load Amps (FLA) **Cool** (A)	4.6	7	10.5	5.1
Full Load Amps (FLA) **Heat** (A)	5.9	9.1	13.7	6.6
Locked Rotor Amps (LRA) (A)	36	42	62	34
Max. Circuit Breaker (A)	15	25	40	20
Min. Circuit Ampacity (A)	12	16	25	12
Refrigerant Type	R410A	R410A	R410A	
Height (in/mm)[1]	11.25/286	13.25/337	13.5/343	
Width (in/mm)[1]	16/407	20/508	20/508	
Depth (in/mm)[1]	9/229	9.63/245	11.25/286	
Min. Supply Duct Size (in/mm)	4/102	6/153	6/153	
Seawater Inlet Connection (in/mm)	0.625/16	0.625/16	0.625/16	
Net Weight (lbs/kg)[2]	38/17.3	57/25.9	64/29.1	67/30.4
Height-Electrical Box (in/mm)	8.75/223	8.75/223	8.75/223	
Width-Electrical Box (in/mm)	6.5/166	6.5/166	6.5/166	
Depth-Electrical Box (in/mm)	2.77/71	2.77/71	2.77/71	
Retrofit Kit Part Number	207500306	207500310	207500316	207500017
Installation Kit Part Number	218000106	218000110	218000116	218000117
Dual Duct Kit Part Number	226600094	226600092	226600092	226600092

[1] All dimensions ± 0.30 in/8 mm.
[2] All weights ± 10%.

1. INSTALLATION OPTIONS

Installation kits available for new A/C system installations

2. DUAL-DUCT KIT

The optional dual-duct kit will treat an additional interior space

3. LESS MESS

Stainless-steel drain pan

SPLIT-GAS AIR CONDITIONING

EMERALD CONDENSING UNITS

This condenser has reversing valve, pressure switches, and service ports centrally located for easy maintenance access from any side. Vibration-isolating compressor mounting system reduces noise and vibration. Pair this with a Dometic Emerald TurboVap R-410A evaporator.

SQUARE CHASSIS
EASY INSTALLATION

3 MOUNTING OPTIONS
ADAPTABLE

ECO-FRIENDLY
R-410A REFRIGERANT

115V/60Hz/1-Ph
230V/60Hz/1-Ph or 3-Ph
220-240V/50Hz/1-Ph
460V/60Hz/3-Ph
380V/50Hz/3-Ph

6,000 - 72,000 BTU

EMERALD CONDENSING UNITS

INNOVATIVE CHASSIS CONQUERS INSTALLATION CHALLENGES

Model [1]	**DEU6**			**DEU8**			**DEU10**			**DEU12**			**DEU16**		
Capacity (BTU/h) [2]	6000			8000			10000			12000			16000		
Voltage (V)	115	230	240	115	230	240	115	230	240	115	230	240	115	230	240
Cycle (Hz) [3] / **Phase** (Ph)	60/1	60/1	50/1	60/1	60/1	50/1	60/1	60/1	50/1	60/1	60/1	50/1	60/1	60/1	50/1
Full Load Amps (FLA) **Cool** (A)	3.8	1.8	2.4	4.2	2.4	2.4	5.6	2.6	2.8	7.6	3.4	2.79	8.8	4.3	3.9
Full Load Amps (FLA) **Heat** (A)	5.1	2.44	3.3	5.8	3.3	3.3	7.7	3.6	3.8	9.8	4.5	3.81	12	5.8	5.3
Locked Rotor Amps (LRA) (A)	36	17.5	17.7	36	17.7	17.7	42	22	21	58	28	21	62	34	22
Max. Circuit Breaker (A)	15	10	–	15	10	10	25	15	10	30	15	10	40	15	–
Min. Circuit Ampacity (A)	11	7	6	11	6	6	15	9	8	18	10	8	23	11	10
Refrigerant Type	R410A			R410A			R410A			R410A			R410A		
Max. Height (in/mm) [4]	12/305			12/305			13/331			13/331			14.1/359		
Width (in/mm) [4]	13.3/338			13.3/338			13.3/338			13.3/338			13.3/338		
Depth-Without Elec. Box (in/mm)	13.3/338			13.3/338			13.3/338			13.3/338			13.3/338		
Depth-With Elec. Box (in/mm)	15.1/384			15.1/384			15.1/384			15.1/384			15.1/384		
Seawater Inlet Connection (in/mm)	0.625/16			0.625/16			0.625/16			0.625/16			0.625/16		
Seawater Connection Type	cupronickel tube			cupronickel tube			cupronickel tube			cupronickel tube			cupronickel tube		
Refrigerant Line Connection-Discharge (in)	1/4			1/4			1/4			1/4			1/4		
Refrigerant Line Connection-Suction (in)	3/8			3/8			3/8			3/8			1/2		
Net Weight (lbs/kg) [5]	43/20	43/20	42.05/19	43/20			45/20	44.25/20	45/20	47/21			49/22	50.5/23	50/23
Gross Weight (lbs/kg) [5]	50/23	50/23	49.5/22	50/23			52/24	50.5/23	52/24	54/24			56/26	57/26	56/26
Height-Electrical Box (in/mm)	8.75/223			8.75/223			8.75/223			8.75/223			8.75/223		
Width-Electrical Box (in/mm)	6.5/166			6.5/166			6.5/166			6.5/166			6.5/166		
Depth-Electrical Box (in/mm)	2.63/67			2.63/67			2.63/67			2.63/67			2.63/67		

[1] To complete the model numbers for a specific voltage/cycle/phase, add a '-410', then '1161' for 115V/60Hz/1-Phase, '-2251' for 220-240V/50Hz/1-Phase, or '-2361' for 230V/60Hz/1-Phase (e.g. 'DEU12-410 2361').
[2] BTU and electrical data are based on a 45°F/7.2°C evaporator and 100°F/37.8°C condenser in cool mode, and a 45°F/7.2°C evaporator and 130°F/54.4°C condenser in heat mode.
[3] 60Hz units must not operate at 50Hz and 50Hz units must not operate at 60Hz unless data plate says otherwise.
[4] All dimensions ± 0.30 in/8 mm.
[5] All weights ± 10%.

DEU24				DEU30		DEU36					DEU48					DEU60			DEU72		
24000				30000		36000					48000					60000			72000		
230	240	230	380	230	240	230	240	230	460	380	230	240	230	460	380	230	230	460	230	380	460
60/1	50/1	60/3	50/3	60/1	50/1	60/1	50/1	60/3	60/3	50/3	60/1	50/1	60/3	60/3	50/3	60/1	60/3	60/3	60/3	50/3	60/3
6.3	6.4	4.5	2.7	7.3	7.9	9.1	9.4	6.3	3.3	4.44	11.9	12.08	8.23	5.95	5.29	13.56	10.18	5.25	11.2	7.17	5.58
7.8	8	6.2	3.6	9.2	9.9	11.5	12	8.3	4.2	5.88	15.8	17.95	10.89	7.42	6.6	20.15	12.7	6.6	14.82	8.94	7.56
43	46	55.4	28	54	67	74	67	71	38	45	105	115	95	70	60	150	120	60	123	87	70
30	30	20	15	35	40	45	40	35	15	20	75	70	49	30	–	80	55	30	60	42	30
17	18	14	10	22	23	26	25	20	10	13	43	41	28	19	17	48	33	17	34	24	19
R410A				R410A		R410A					R410A					R410A			R410A		
18/458				18/458		18/458					18.5/470					20/508			20/508		
16/407				16/407		16/40					16/407					16/407			16/407		
16/407				16/407		16/407					16/407					16/407			16/407		
18.8/478				18.8/47		18.8/478					18.8/478					18.8/478			18.8/478		
0.625/16				0.625/16		0.625/16					0.625/16					0.625/16			0.625/16		
cupronickel tube				cupronickel tube		cupronickel tube					cupronickel tube					cupronickel tube			cupronickel tube		
3/8				3/8		3/8					3/8					3/8			3/8		
5/8				3/4		3/4					3/4					3/4			3/4		
98.5/45	104/47	100/45	100/45	102.25/46		114.5/52	118/54	102/46	116/53	116/53	122/55	135/61	135/61	135/61	135/61	155/70			165/75		
129/59	133/60	132/60	132/60	133.5/61		147/67	149.5/68	130/59	148/67	148/67	153/69	150/68	150/68	150/68	150/68	170/77			181/82		
13.25/337				13.25/337		13.25/337					13.25/337					13.25/337			13.25/33		
7.75/197				7.75/197		7.75/197					7.75/197					7.75/197			7.75/197		
3.75/96				3.75/96		3.75/96					3.75/96					3.75/96			3.75		

EMERALD TURBOVAP R-410A EVAPORATING UNITS

The Dometic Emerald TurboVap (TVE) direct expansion (DX) split-gas evaporator is based on the innovative engineering advancements of the award-winning Dometic Turbo self-contained air conditioning system. TVE units work with Dometic Emerald R-410A condensing units.

RUST-FREE DRAIN PAN
RAPID WATER REMOVAL

ROTATING BLOWER
UP TO 270°

INSULATED BLOWERS
HIGH-VELOCITY

AC

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

4,000 - 16,000 BTU

REDUCED SIZE, NOISE AND POWER DRAW

Model [1]	**TVE4**		**TVE6**		**TVE8**		**TVE10**		**TVE12**		**TVE16**	
Capacity (BTU/h)	4000		6000		8000		10000		12000		16000	
Voltage @ 50/60Hz 1-Ph (V)	115	230	115	230	115	230	115	230	115	230	115	230
Full Load Amps (FLA) **Cool** (A)	0.82	0.41	0.82	0.41	1.56	0.83	1.14	0.61	1.14	0.61	1.61	0.78
Max. Circuit Breaker (A)	5		5		5		5		5		5	
Min. Circuit Ampacity (A)	2	1	2	1	2		2	1	2	1	3	1
Height-Coil (in/mm) [2]	10.8/275		10.8/275		10.8/275		12.6/321		12.6/321		13/331	
Height-Blower (in/mm) [2]	10.8/275		10.8/275		11.4/290		12.6/321		12.6/321		13.6/346	
Width (in/mm) [2]	12.3/313		12.3/313		12.3/313		14.3/364		14.3/364		14.3/364	
Depth (in/mm) [2]	9.5/242		9.5/242		9.4/239		10.4/265		10.4/265		11.6/295	
Min. Supply Duct Size (in/mm)	4/102		4/102		5/127		6/153		6/153		7/178	
Min. Supply Air Grille Size (sq in/sq cm)	32/207		32/207		48/310		60/388		70/452		81/523	
Min. Return Air Grille Size (sq in/sq cm)	64/413		64/413		80/517		110/710		130/839		160/1033	
Net Weight (lbs/kg) [3]	10.5/4.8	11.25/5.2	12/5.5	12.25/5.6	14/6.4		17.5/8		17.5/8	17.75/8.1	20.5/9.3	21/9.6
Gross Weight (lbs/kg) [3]	18.5/8.4	18/8.2	19/8.7	20.25/9.2	22/10		25.5/11.6	25/11.4	25.5/11.6	24.75/11.3	28/12.8	28.5/13

[1] Add '115V' or '230V' to the model number for 115V and 230V units, respectively.
[2] All dimensions ± 0.30 in/8 mm.
[3] All weights ± 10%.

1. POSITIVE-FLOW DRAIN PAN
Designed for no spills and rapid removal of condensate

2. VIBRATION ISOLATION
Less vibration for quiet operation

3. EASY TO INSTALL
Single adjustment screw allows 270° of blower rotation for quick and easy duct connection

TURBOVAP
R-22/R-417A EVAPORATING UNITS

Based on the innovative engineering advancements of the award-winning Dometic Turbo self-contained air conditioning system, the TurboVap has an enclosed blower motor, better noise reduction, and easily rotated blowers. It offers improved installation ease and flexibility.

UP TO 16,000 BTU
COOLING CAPACITY

CUSHIONING SYSTEM
REDUCED NOISE

R-22 OR R-417A
REFRIGERANTS

AC

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

4,000 - 16,000 BTU

REDUCED SIZE, NOISE AND POWER DRAW

Model [1]	**TV4**		**TV6**		**TV8**		**TV10**		**TV12**		**TV16**	
Capacity (BTU/h)	4000		6000		8000		10000		12000		16000	
Voltage @ 50/60Hz 1-Ph (V)	115	230	115	230	115	230	115	230	115	230	115	230
Full Load Amps (FLA) Cool (A)	0.82	0.41	0.82	0.41	1.56	0.83	1.14	0.61	1.14	0.61	1.61	0.78
Max. Circuit Breaker (A)	5		5		5		5		5		5	
Min. Circuit Ampacity (A)	2	1	2	1	2		2	1	2	1	3	1
Height-Coil (in/mm) [2]	10.8/275		10.8/275		10.8/275		12.6/321		12.6/321		13/331	
Height-Blower (in/mm) [2]	10.8/275		10.8/275		11.4/290		12.6/321		12.6/321		13.6/346	
Width (in/mm) [2]	12.3/313		12.3/313		12.3/313		14.3/364		14.3/364		14.3/364	
Depth (in/mm) [2]	9.5/242		9.5/242		9.4/239		10.4/265		10.4/265		11.6/295	
Min. Supply Duct Size (in/mm)	4/102		4/102		5/127		6/153		6/153		7/178	
Min. Supply Air Grille Size (sq in/sq cm)	32/207		32/207		48/310		60/388		70/452		81/523	
Min. Return Air Grille Size (sq in/sq cm)	64/413		64/413		80/517		110/710		130/839		160/1033	
Net Weight (lbs/kg) [3]	10.5/4.8		11/5		13.9/6.3	14/6.4	17.5/8		17/7.8	17.5/8	19.8/9	21/9.6
Gross Weight (lbs/kg) [3]	18/8.2		19/8.7		20.75/9.5	22/10	25.5/11.6	25/11.4	24/10.9	25.5/11.6	26.75/12.2	28.25/12.9

[1] Add '115V' or '230V' to the model number for 115V and 230V units, respectively.
[2] All dimensions ± 0.30 in/8 mm.
[3] All weights ± 10%.

1. POSITIVE-FLOW DRAIN PAN

Designed for no spills and rapid removal of condensate

2. VIBRATION ISOLATION

Less vibration for quiet operation

3. EASY TO INSTALL

Single adjustment screw allows 270° of blower rotation for quick and easy duct connection

EBE
R-410A EVAPORATING UNITS

Compact EBE split evaporators for boats are draw-through, ductable cooling units with reverse-cycle heating. Featuring a rotatable, high-efficiency permanent split capacitor blower in which the motor is concealed to reduce depth.

SPACE SAVING
COMPACT DESIGN

ADAPTABLE
ROTATABLE BLOWER

EASY TO MAINTAIN
CONDENSATE PAN

AC
230V/50 OR 60Hz

18,000 - 24,000 BTU

THE NEW STANDARD IN MARINE HIGH PERFORMANCE EVAPORATORS

Model [1]	**EBE18**	**EBE24**	**EBE30**	**EBE36**	**EBHE8**	**EBHE10**	**EBHE12**	**EBHE16**	**EBHE24**
Capacity (BTU/h)	18000	24000	30000	36000	8000	10000	12000	16000	24000
Voltage @ 50/60Hz 1-Ph (V)	230	230	230	230	230	230	230	230	230
Full Load Amps (FLA) **Cool** (A)	1.15	1.64	1.64	7.3	0.98	0.66	0.56	0.88	1.64
Full Load Amps (FLA) **Heat** (A)	N/A	N/A	N/A	N/A	5.4	7.2	9.26	9.58	14.68
Full Load Amps (FLA) **Blower** (A)	1.15	1.64	4	4	0.98	0.66	0.56	1.15	1.64
Max. Circuit Breaker (A)	5	5	5	10	10	10	10	10	20
Min. Circuit Ampacity (A)	2	3	3	10	6	8	10	10	16
Electric Heat (kW/hp)	N/A	N/A	N/A	N/A	1/1.4	1.5/2.1	2/2.7	2/2.7	3/4.1
Heater Amps (A)	N/A	N/A	N/A	N/A	4.35	6.52	8.7	8.7	13.04
Air Flow (cfm/m3h)	540/918	800/1360	1000/1700	1200/2039	266/452	333/566	400/680	533/906	800/1360
Height-Coil (in/mm) [2]	13.63/347	16.5/420	20.5/521	20.5/521	11.25/286	12.5/318	12.5/318	13.5/343	16.5/420
Height-Blower (in/mm) [2]	15.13/385	17/432	22/559	22.25/566	12.5/318	13.5/343	13.5/343	15.5/394	17/432
Width (in/mm) [2]	16/407	20/508	20.75/528	20.75/528	13.75/350	14.25/362	14.25/362	16/407	20/508
Depth (in/mm) [2]	14/356	14.5/369	15/381	17.75/451	12/305	13.75/350	14.5/369	14.75/375	15/381
Min. Supply Duct Size (in/mm)	7/178	9/229	10/254	10/254	6/152	6/152	6/152	7/178	9/229
Min. Supply Air Grille Size (sq in/sq cm)	100/645	140/903	170/1097	196/1265	49/316	60/387	70/452	80/516	140/903
Min. Return Air Grille Size (sq in/sq cm)	200/1290	240/1548	350/2258	360/2323	98/632	100/645	130/839	160/1032	240/1548
Net Weight (lbs/kg) [3]	27/12.3	37.65/17.1	36/16.4	41.75/19	21/9.6	23/10.5	23/10.5	28/12.8	44.75/20.3
Gross Weight (lbs/kg) [3]	35/15.9	49.5/22.5	42/19.1	56.5/25.7	29/13.2	31/14.1	31.5/14.3	36/16.4	56.25/25.6

[1] 'EBE' indicates evaporator without electric heat; 'EBHE' indicates evaporator with electric heat. Dometic also offers an EBHE6-1KW and EBHE16-3KW.
[2] All dimensions ± 0.30 in/8 mm.
[3] All weights ± 10%.

1. IMPROVED PERFORMANCE

High-efficiency evaporator coil

2. INNOVATIVE DESIGN

Large blower inlet for increased air flow across the coil

3. LESS NOISE

Blower support bracket with cushioned mounts reduce noise and vibration

EBLE LOW-PROFILE R-410A EVAPORATING UNITS

EBLE series low-profile evaporating units are ductable cooling and heating units with double blowers. EBLE units are designed for installations where there is limited vertical space such as beneath a seat or bunk, or in overhead spaces.

VERSITILE
LOW-PROFILE DESIGN

R-410A REFRIGERANT
ECO-FRIENDLY

ROTATABLE BLOWERS
INSTALL OPTIONS

AC

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

12,000 - 36,000 BTU

DUAL-BLOWER UNITS FOR HEIGHT RESTRICTIVE SPACES

MODEL[1]	EBLE12		EHBLE16		EBLE16		EHBLE24	EBLE24	EBLE30	EBLE36
Capacity (BTU/h)	12000		16000		16000		24000	24000	30000	36000
Voltage @ 50/60Hz 1-Ph (V)	115	230	115	230	115	230	230	230	230	230
Full Load Amps (FLA) **Blower** (A)	1.64	0.74	3.2	1.44	2.4	1.2	1.76	2.8	3.6	3.6
Max. Circuit Breaker (A)	5		25	15	5		20	5	5	5
Min. Circuit Ampacity (A)	3	2	22	11	4	2	16	3	3	3
Electric Heat (kW/hp)	N/A		2/2.7		N/A		2/2.7	N/A	N/A	N/A
Heater Amps (A)	N/A		17.4	8.7	N/A		8.7	N/A	N/A	N/A
Height (in/mm) [2]	11.25/286		11.25/286		11.25/286		12.5/318	12.5/318	13/331	13/331
Width (in/mm)	24/610		20.5/521		24/610		27.5/699	27.5/699	37.5/953	37.5/953
Depth (in/mm)	13.5/343		16/407		3.5/343		17/432	14/356	14/356	14/356
Min. Supply Duct Size (in/mm)	6/153		7/178		7/178		8/204	8/204	9/229	10/254
Quantity-Duct Connections	2		2		2		2	2	2	2
Min. Supply Air Grille Size (sq in/sq cm)	70/452		80/517		80/517		140/904	140/904	170/1097	196/1265
Min. Return Air Grille Size (sq in/sq cm)	130/839		160/1033		160/1033		240/1549	240/1549	350/2259	360/2323
Refrigerant Line Connection-Discharge (in/mm)	0.25/6.4		0.375/9.5		0.375/9.5		0.375/9.5	0.375/9.5	0.375/9.5	0.375/9.5
Refrigerant Line Connection-Suction (in/mm)	0.375/9.5		0.5/12.7		0.5/12.7		0.625/16	0.625/16	0.75/19	0.75/19

[1] EHBLE units are available with return-air plenum.

[2] Height values shown are from the mounting surface to the top of the coil with blowers in the horizontal position.

1. CLEANER DRAIN PAN

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

2. BUILT FOR THE ELEMENTS

Exposed sheet metal is insulated against secondary condensation

3. VIBRATION ISOLATION

Minimize noise and vibration

CSD
CONDENSING UNITS

Provides heating and cooling in a highly efficient package. The hermetically sealed, high-efficiency compressor reduces amp draw while pressure switches, thermal-overload, and start components provide constant system protection and proper operation.

HIGH EFFICIENCY
REDUCES AMP DRAW

SYMMETRICAL BASE
SPACE-SAVING

CONSTANT PROTECTION
SMOOTH OPERATION

AC

115V/60Hz/1-Ph
230V/60Hz/1-Ph or 3-Ph
220-240V/50Hz/1-Ph
380V/50Hz/3-Ph

6,000 - 60,000 BTU

PROVIDES HEATING AND COOLING IN A HIGHLY EFFICIENT PACKAGE

Model [1]	**CSD6**			**CSD9**			**CSD12**			**CSD16**		
Capacity (BTU/h) [2]	6000			9000			12000			16000		
Voltage (V)	115	230	240	115	230	240	115	230	240	115	230	240
Cycle (Hz) [3]/**Phase** (Ph)	60/1		50/1	60/1		50/1	60/1		50/1	60/1		50/1
Full Load Amps (FLA) **Cool** (A)	7	3.7	4.1	6.4	3.2	4.6	9.2	4.4	5.4	12.2	5.7	7
Full Load Amps (FLA) **Heat** (A)	7.7	4	4.8	7.2	3.6	5.2	11.1	5	6	13.5	6.4	8
Locked Rotor Amps (LRA) (A) [4]	34	20	21.2	40	20	25.6	50	31		75	36	39
Max. Circuit Breaker (A) [5]	20	10		20	10	15	35	15		40	20	25
Min. Circuit Ampacity (A)	13	8	7	13	7	10	21	10	11	25	12	15
Refrigerant Type	R417A			R417A			R417A			R417A		
Max. Height (in/mm) [6]	15.2/387			15.2/387			15.2/387			15.2/387		
Width (in/mm) [7]	13.13/334			13.13/334			13.13/334			13.13/334		
Depth (in/mm) [7]	13.13/334			13.13/334			13.13/334			13.13/334		
Seawater Inlet Connection (in/mm) [7]	0.625/16			0.625/16			0.625/16			0.625/16		
Refrigerant Line Connection-Discharge (in/mm)	0.25/7			0.25/7			0.25/7			0.25/7		
Refrigerant Line Connection-Suction (in/mm)	0.375/10			0.375/10			0.375/10			0.5/13		
Net Weight (lbs/kg) [8]	56/25.5			63/28.6	62.5/28.4	64/29.1	64.5/29.3		66/30	66.25/30.1	66/30	75/34.1
Gross Weight (lbs/kg) [8]	63/28.6			85.5/38.8	85/38.6	74/33.6	87/39.5		75/34.1	90/40.9	87/39.5	96/43.6

[1] 'D' in the model number indicates a digital control. Replace with 'M' for units with mechanical control. Add a 'Z' for 230V/60Hz units or 'Z50' for 240V/50Hz units. For example: CSD12K=115V/ 115V/60Hz; CSD12KZ=230V/60Hz; CSD12KZ50=240V/50Hz

[2] BTU and electrical data are based on a 45°F/7.2°C evaporator and 100°F/37.8°C condenser in cool mode, and a 45°F/7.2°C evaporator and 130°F/54.4°C condenser in heat mode.

[3] Some 60Hz units may be operated at 50Hz but at reduced voltages that will result in a loss of capacity and higher or lower amp draw than listed. Dedicated 50Hz units are available that provide the full rated capacity, but these units must not be operated at 60Hz.

[4] Varies with voltage and load, and may be higher or lower than listed.

[5] Specification is for reverse-cycle units. Cool-only units may use smaller circuit breakers.

[6] Combined height of unit and electrical box. Subtract 2.60 in/66 mm for remotely-mounted electrical box. All dimensions ± 0.25 in/6 mm.

[7] All dimensions ± 0.25 in/6 mm.

[8] Based on 60Hz/1-phase units. All weights ± 10%.

CSD CONDENSING UNITS

PROVIDES HEATING AND COOLING IN A HIGHLY EFFICIENT PACKAGE

MODEL [1]	**CSD24**			**CSD30**			**CSD36**				**CSD48**				**CSD60**
Capacity (BTU/h) [2]	24000			30000			36000				48000				60000
Voltage (V)	230	240	380	230		240	230		240	380	230		240	380	230
Cycle (Hz) [3] / **Phase** (Ph)	60/1	50/1	50/3	60/1	60/3	50/1	60/1	60/3	50/1	50/3	60/1	60/3	50/1	50/3	60/1
Full Load Amps (FLA) / **Cool** (A)	7.6	6.9	2.6	7.7	6.5	8.5	9.2	7.1	11.7	4.3	11.4	8.2	22.3	5	17.2
Full Load Amps (FLA) / **Heat** (A)	9.5	8.5	3.5	9.6		10.6	11.7	7.9	13.9	5.4	14.5	9.7	24.8	6.5	22
Locked Rotor Amps (LRA) (A) [4]	55		29	61	58	70	73	68	85	40	86	78	132.2	60	132.2
Max. Circuit Breaker (A) [5]	35	30	10	40	30	35	45	30	50	15	55	35	80	20	80
Min. Circuit Ampacity (A)	22	19	9	24	17	22	28	17	29	11	33	20	46	14	46
Refrigerant Type	R417A			R417A			R417A				R417A				R417A
Max. Height (in/mm) [6]	21/534			21.5/547			25.5/648				25.5/648				28/712
Width (in/mm) [7]	16/407			16/407			16/407				16/407				24/610
Depth (in/mm) [7]	16/407			16/407			16/407				16/407				24/610
Seawater Inlet Connection (in/mm) [7]	0.625/16			0.625/16			0.625/16				0.625/16				0.625/16
Refrigerant Line Connection-Discharge (in/mm)	0.375/10			0.375/10			0.375/10				0.375/10				0.625/16
Refrigerant Line Connection-Suction (in/mm)	0.625/16			0.75/19			0.75/19				0.75/19				0.75/19
Net Weight (lbs/kg) [8]	115/52.2	123.3/56	115/52.2	127/57.7			N/A		135/61.3		145/65.8				173/78.5
Gross Weight (lbs/kg) [8]	120/54.5	N/A	120/54.5	132/59.9			198/89.9		140/63.6		150/68.1				181/82

[1] 'D' in the model number indicates a digital control. Replace with 'M' for units with mechanical control. Add a 'Z' for 230V/60Hz units or 'Z50' for 240V/50Hz units. For example: CSD12K=115V/ 115V/60Hz; CSD12KZ=230V/60Hz; CSD12KZ50=240V/50Hz

[2] BTU and electrical data are based on a 45°F/7.2°C evaporator and 100°F/37.8°C condenser in cool mode, and a 45°F/7.2°C evaporator and 130°F/54.4°C condenser in heat mode.

[3] Some 60Hz units may be operated at 50Hz but at reduced voltages that will result in a loss of capacity and higher or lower amp draw than listed. Dedicated 50Hz units are available that provide the full rated capacity, but these units must not be operated at 60Hz.

[4] Varies with voltage and load, and may be higher or lower than listed.

[5] Specification is for reverse-cycle units. Cool-only units may use smaller circuit breakers.

[6] Combined height of unit and electrical box. Subtract 2.60 in/66 mm for remotely-mounted electrical box. All dimensions ± 0.25 in/6 mm.

[7] All dimensions ± 0.25 in/6 mm.

[8] Based on 60Hz/1-phase units. All weights ± 10%.

R SERIES
CONDENSING UNITS

Type R models are designed for installation in the vessel's engine room or other mechanical space.
It is not affected by moisture, normal vibration, or ambient temperatures up to 140 °F/60 °C.
No ventilation is required.

SERVICE PORTS
EASY TO ACCESS

MOUNTS LESSEN NOISE
QUIET OPERATION

ENVIRONMENTALLY SAFE
R-417A REFRIGERANT

AC

115V/60Hz/1-Ph
230V/60Hz/1-Ph or 3-Ph
220-240V/50Hz/1-Ph
460V/60Hz/3-Ph
380V/50Hz/3-Ph

5,000 - 48,000 BTU

R SERIES CONDENSING UNITS

SEAWATER-COOLED CONDENSERS WITH REVERSE CYCLE-HEATING

Model [1]	**RX5**	**RX7**			**RX10**			**RX12**			**RX16**			**RX20**	
Capacity (BTU/h)	5000	7000			10000			12000			16000			20000	
Voltage (V) [2]	115	230	240	115	115	240	230	230	240	115	115	230	240	230	220
Cycle (Hz)/**Phase** (Ph)	60/1	60/1	50/1	60/1	60/1	50/1	60/1	60/1	50/1	60/1	60/1	60/1	50/1	60/1	50/1
Full Load Amps (FLA) **Cool** (A)[3]	5	3.3	3	7	6.1	4.6	4.8	5.9	5.2	7.9	11.5	5.4	6.8	5.9	5.3
Full Load Amps (FLA) **Heat** (A)	6.2	4	3.7	7.7	8.2	5.6	5.7	6.8	5.8	9.1	13.5	6.4	8	7.4	6.6
Locked Rotor Amps (LRA) (A)	28	20	16	34	47	26	28	34	31	50	75	36	35	48	55
Max. Circuit Breaker (A)	28	10	10	20	30	15	15	20	10	35	40	15	20	30	30
Min. Circuit Ampacity (A)	7	7	7	13	18	11	11	13	9	21	25	11	13	18	19
Refrigerant Type	R417A	R417A			R417A			R417A			R417A			R417A	
Max. Height (in/mm)	12.5/318	12.5/318			12.5/318			12.5/318			12.5/318			16.75/426	
Width (in/mm)	12.2/310	12.2/310			12.2/310			12.2/310			12.2/310			15.75/401	
Depth-With Elec. Box (in/mm)	17.1/435	17.1/435			17.1/435			17.1/435			17.1/435			20.875/531	
Depth-Without Elec. Box (in/mm)	13.6/346	13.6/346			13.6/346			13.6/346			13.6/346			18.75/477	
Seawater Inlet Connection (in/mm)	0.625/16	0.625/16			0.625/16			0.625/16			0.625/16			0.625/16	
Refrigerant Line Connection-Discharge (in/mm)	0.25/7	0.25/7			0.25/7			0.25/7			0.25/7			0.375/10	
Refrigerant Line Connection-Suction (in/mm)	0.375/10	0.375/10			0.375/10			0.375/10			0.5/13			0.5/13	
Height-Electrical Box (in/mm)	11.12/283	11.12/283			11.12/283			11.12/283			11.12/283			16.54/421	
Width-Electrical Box (in/mm)	7.56/193	7.56/193			7.56/193			7.56/193			7.56/193			9/229	
Depth-Electrical Box (in/mm)	4.84/123	4.84/123			4.84/123			4.84/123			4.84/123			3.67/94	

[1] For a specific voltage, add the following after the capacity designator: 'C' for 230V/60Hz/1-Phase, 'CK' for 220-240/50Hz/1-Phase, 'D' for 230V/60Hz/3-Phase, 'E' for 460V/60Hz/3-Phase, and 'ECK' for 380V/50Hz/3-Phase. Adding nothing will indicate 115V/60Hz/1-Phase (not available for multi-ton models).

[2] 115V, 230V, and 440V 60Hz equipment can be operated at 100V, 200V, or 380V, respectively, in a 50Hz environment but at a 17% decrease in capacity. Full-rated capacity can be obtained by specifying "CK" (220V/50Hz) equipment.

[3] Compressor starting current will vary with voltage but is approximately 3 to 4 times the full-load amps.

RX24				RX30			RX36					RX48				
24000				30000			36000					48000				
380	230	230	220	230	220	230	230	460	230	220	380	230	220	230	460	380
50/3	60/1	60/3	50/1	60/1	50/1	60/3	60/1	60/3	60/3	50/1	50/3	60/1	50/1	60/3	60/3	50/3
3.2	7	4.8	6.9	7.7	8.7	5.9	9.2	3.5	7.1	9.8	4	11.3	12.4	8.7	4.3	5.5
4.1	8.6	6.2	8.5	9.6	10.6	6.6	11.6	4	7.9	12	5.1	16.6	17.3	11.3	5.7	6.5
30	60	58	55	61	70	58	73	36	68	76	42	104	133	93	48	60
10	35	25	30	40	35	25	45	15	30	40	15	60	60	45	20	20
8	22	15	19	24	22	17	28	10	15	24	11	39	38	25	12	14
R417A				R417A			R417A					R417A				
16.75/426				16.75/426			16.75/426					16.8/426	16.8/426	17/431	16.8/426	16.8/426
15.75/401				15.75/401			15.75/401					15.75/401				
20.875/531				20.875/531			20.875/531					20.875/531				
18.75/477				18.75/477			18.75/477					18.75/477				
0.625/16				0.625/16			0.625/16					0.625/16				
0.375/10				0.375/10			0.375/10					0.375/10				
0.5/13				0.75/20			0.75/20					0.75/20				
16.54/421				16.54/421			16.54/421					16.54/421				
9/229				9/229			9/229					9/229				
3.67/94				3.67/94			3.67/94					3.67/94				

[4] Width shown is for electrical box with Q-Logic control system (RQ models). Width of electrical box with SMX II control (RX models) is 7.53 in. (192 mm), and with SMX Net control (RN models) the width is 7.69 in. (196 mm).

[5] Depth shown is for electrical box with Q-Logic control system (RQ models). Depth of electrical box with SMX II control (RX models) is 4.72 in. (120 mm), and with SMX Net control (RN models) the depth is 7.81 in. (199 mm).

CHILLED WATER AIR CONDITIONING

VARIABLE CAPACITY CHILLERS

Varies capacity as thermal load changes to maximize chiller efficiency and reduce electrical load fluctuations.

VARIABLE CAPACITY
1 TO 4 TONS, OR 2 TO 6 TONS

STEADY OPERATION
MAXIMUM EFFICIENCY

ELECTRONIC EXPANSION VALVE
PRECISE CONTROL

AC

208-230V/50 OR 60Hz

24,000 - 72,000 BTU

VARIABLE CAPACITY CHILLERS

SMOOTH TRANSITIONS FROM 12,000 TO 72,000 BTUS AS NEEDED

Model	VARC48	VARC72
Capacity (BTU/h)	48,000	72,000
Voltage	208-230V	208-230V
Cycle (Hz)	50 or 60	50 or 60
Full Load Amps (FLA) Cool	15.9 [1]	22.0 (2)
Full Load Amps (FLA) Heat	17.0 [1]	14.0 (2)
Seawater Connection	0.75 in/19 mm OD tube	1 in/26 mm OD tube
Chilled Water Connection	1 in/26 mm FPT	1 in/26 mm FPT
Drain Connection	0.5 in/12.7 mm NPT	0.5 in/12.7 mm NPT
Seawater Pressure Drop @ 12 GPM/45 LPM	7.1 PSI/0.5 KSC	7.0 PSI/0.49 KSC
Chilled Water Pressure Drop @ 12 GPM/45 LPM	11.8 PSI/0.83 KSC	11.5 PSI/0.8 KSC
Height (in/mm) [3]	19.7/501	24.0/610 [4]
Width (in/mm) [3]	13.5/343	13.25/337
Depth (in/mm) [3]	20.0/509	25.5/648 [5]
Gross Weight (lbs/kg)	205/92.9	270/122.4
Height-Electrical Box (in/mm)	N/A	14.2/361
Width-Electrical Box (in/mm)	N/A	11.7/298
Depth-Electrical Box (in/mm)	N/A	4.1/105

[1] At full speed and 230V/50 or 60Hz/1-phase input power.
[2] FLA amps are in normal mode default setting.
[3] All dimensions ± 0.25 in/7 mm.
[4] Add 5 in/127 mm to height for top-mounted electrical box.
[5] Add 5 in/127 mm to depth for rear-mounted electrical box.

1. SPACE SAVING

Easy, flexible plumbing configurations with less depth needed

2. ADJUSTABLE

Select from 3 user-adjustable amp limits: Econo, Standard, or Boost

3. SAFETY MONITORING

Electronic expansion valve for precise control of superheat

CHCG CHILLERS

Compact base allows up to six modules to be used together to provide precise capacity requirements. CHCG chillers feature the same footprint as the older-style CHCs, and the chilled water, seawater, and drain connection locations are also the same, making it an ideal “drop-in” replacement.

COMPACT FOOTPRINT
INSTALLATION OPTIONS

ECO-FRIENDLY
R-410A REFRIGERANT

HOT-GAS BYPASS
HEAT-MODE OPERATION

AC

115V/60Hz/1Ph
230V/60Hz/1-Ph or 3-Ph
220-240V/50Hz/1-Ph
380V/50Hz/3-Ph

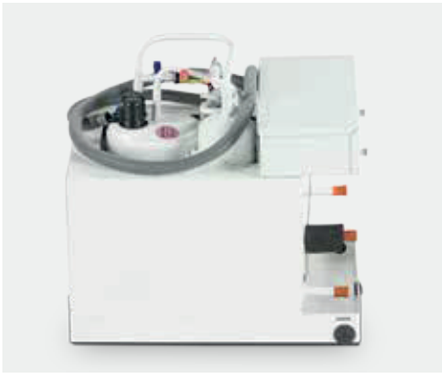
16,000 - 24,000 BTU

CHCG CHILLERS

COMPACT MODULES IN AN ENCLOSED DESIGN

Model	CHCG16			CHCG20		CHCG24			
Capacity (BTU/h)[1]	16000			20000		24000			
Voltage (V)	115	230	220	230	220	380	230	230	220
Cycle (Hz)/**Phase** (Ph)	60/1	60/1	50/1	60/1	50/1	50/3	60/3	60/1	50/1
Full Load Amps (FLA) **Cool** (A)	9.7	4.9	4.6	5.8	6.2	3.9	8.5	9.5	8.2
Full Load Amps (FLA) **Heat** (A)	14	5.8	5.9	7.9	8.7	4.6	9.9	12.1	11
Locked Rotor Amps (LRA) (A)	62	34	26	44	39	45	95	68	58
Max. Circuit Breaker (A)	40	15	15	20	35	20	45	40	40
Min. Circuit Ampacity (A)	23	11	12	14	22	13	25	25	23
Refrigerant Type	R410A			R410A		R410A			
Max. Height (in/mm)[1]	13/331	13.25/318	13/331	13.75/415	14.5/356	16.38/417	16.38/417	16.5/420	15.75/400
Max. Width (in/mm)[2]	21.3/542			21.3/542		21.3/542			
Width-Drain Pan (in/mm)	18/458			18/458		18/458			
Max. Depth (in/mm)[2]	11.5/293			13/331		13/331			
Drain Connection Size (in/mm)	0.5/13			0.5/13		0.5/13			
Drain Connection Type	HB			HB		HB			
Seawater Flow (gpm/lpm)	4/15.2			5/18.1		6/22.8			
Seawater Pressure Drop (PSI/kPa)	1.6/11.1			3.6/24.9	3.2/22.1	4.6/31.8			
Seawater Inlet Connection (in/mm)	0.625/16			0.625/16		0.625/16			
Chilled Water Flow (gpm/lpm)	4/15.2			5/18.1		6/22.8			
Chilled Water Pressure Drop (PSI/kPa)	2/13.8			3.6/24.9	3.2/22.1	7.4/51.1			
Chilled Water Connection Size (in/mm)	0.625/16			0.625/16		0.625/16			
Net Weight (lbs/kg)	53.5/24.3	55.6/25.3	55/25	71.3/32.4	74.4/33.8	108.5/49.3	107.9/49	92.5/42	92.9/42.2
Gross Weight (lbs/kg)	74/33.6	75.5/34.3	75/34.1	91.25/41.4	95/43.1	130/59	130/59	115/52.2	115/52.2

[1] All dimensions ± 0.30 in/8 mm.
[2] Width when the electrical box is mounted to the side of the unit.



1. EXTENDED DRAIN PAN

Captures and removes condensate water that drips from connections

2. MAXIMUM OUTPUT

Thermodynamically-matched components assure maximum performance

3. IMPROVED PERFORMANCE

Spiral-fluted cupronickel condenser coil provides maximum heat transfer and corrosion resistance

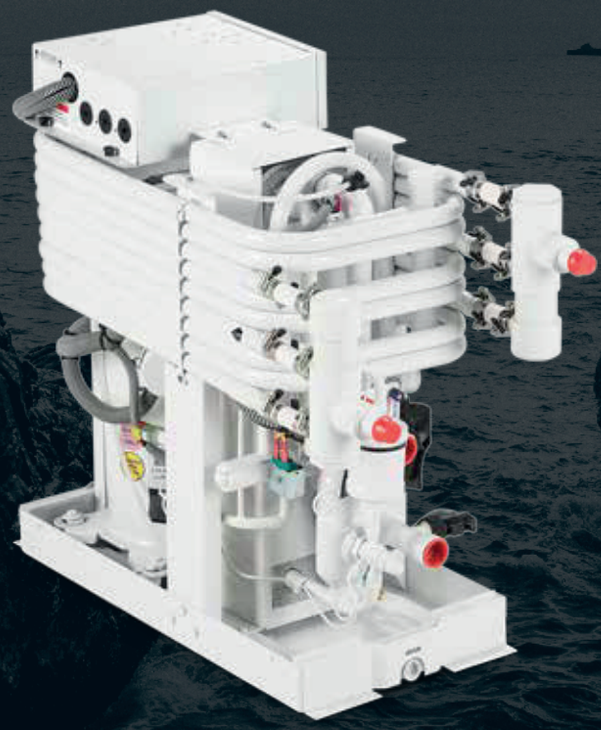
MCGX
TITANIUM CHILLERS

Featuring a compact base design, these modules can staged to provide a larger system which is easily retrofitted and staged in the field. Unaffected by vibration, moisture or ambient temperatures up to 140˚F/60˚C, these condensing units can be installed in any convenient location.

ULTRA DURABLE
TITANIUM CONDENSER

CREATE LARGER SYSTEM
COMBINE MULTIPLE MODULES

DIAGNOSTIC CONTROLLER
MONITOR & PROTECT



AC

230V/60Hz/1-Ph or 3-Ph
220-240V/50Hz/1-Ph
460V/60Hz/3-Ph
380V/50Hz/3-Ph

24,000 - 180,000 BTU

MCGX TITANIUM CHILLERS

COMPACT BASE & TITANIUM DURABILITY

Model [1]	**MCGX24**					**MCGX36**					**MCGX48**				
Capacity (BTU/h)	24000					36000					48000				
Voltage (V)	230	220	230	380	460	230	240	230	380	460	240	230	230	380	460
Cycle (Hz)**/Phase** (Ph)	60/1	50/1	60/3	50/3	60/3	60/1	50/1	60/3	50/3	60/3	50/1	60/1	60/3	50/3	60/3
Full Load Amps (FLA) **Cool (**A)	6.4	9.6	5.5	3.5	2.7	12	12.3	8.3	5.1	3.9	14.7	13.8	11.3	5.8	5.2
Full Load Amps (FLA**)** **Heat** (A)	9.5	11.9	7.3	4.6	3.6	15.7	18	10.9	6.6	5	21.4	20.2	14	7.6	6.6
Locked Rotor) **Amps** (LRA) (A	58.3	97	58	45	28	105	115	95	50	45	130	150	120	70	60
Max. Circuit Breaker (A)	45	45	29	20	18	70	75	50	27	23	90	80	50	33	30
Min. Circuit Ampacity (A)	25	28	17	13	10	43	41	27	15	12	50	48	33	19	17
Refrigerant Type	R410A					R410A					R410A				
Height-Without Elec. Box (in/mm)	17.22/438					23.57/599					23.57/599				
Height-With Elec. Box (in/mm)	21.74/553					23.57/599					23.57/599				
Width-Drain Pan (in/mm)	12/305					12/305					12/305				
Max. Width (in/mm) [2 2]	12/305					12.5/318					12.5/318				
Depth-Drain Pan (in/mm) [2 2]	24/610					24/610					24/610				
Max. Depth (in/mm) [2]	24.97/635					30.78/782					30.78/782				
Seawater Inlet Connection (in/mm)	0.625/16					1/26					1/26				
Chilled Water Connection Size (in/mm)	1/26					1/26					1/26				
Height-Electrical Box (in/mm)	11/280					11/280					11/280				
Width-Electrical Box (in/mm)	9.8/249					9.8/249					9.8/249				
Depth-Electrical Box (in/mm)	3.7/94					3.7/94					3.7/94				

[1] For information about net weight and shipping weight please contact a Dometic Marine sales representative at 954-973-2477.
[2] All dimensions ± 0.30 in/8 mm.
[3] The electrical box (DDC) for single chiller modules can be mounted remotely.

MCGX60					MCGX72				MCGX90			MCGX120		MCGX150			MCGX180		
60000					72000				90000			120000		150000			180000		
230	240	230	380	460	230	230	380	460	230	380	460	230	380	230	380	460	230	380	460
60/1	50/1	60/3	50/3	60/3	60/1	60/3	50/3	60/3	60/3	50/3	60/3	60/3	50/3	60/3	50/3	60/3	60/3	50/3	60/3
17.8	22.2	11.3	8.3	5.9	20.1	14.2	10.1	7.1	22.3	14.7	9.2	25.3	15.4	30.6	19.9	15.1	38.3	24.1	20.2
23	29.1	14.8	10.8	7.4	29.3	17.9	13.3	8.9	31.5	14.9	13.4	31.3	19.2	38.9	24.5	19.3	50	29.9	25
145	130	123	87	70	145	160	100	87	235	110	110	267	147	304	197	147	351	239	197
100	100	60	40	33	90	80	42	42	100	56	42	103	60	144	86	67	168	55	86
57	57	34	24	19	49	45	24	24	57	32	24	58	38	80	49	38	94	55	49
R410A					R410A				R410A			R410A		R410A			R410A		
23.44/596					23.44/596				27.66/703			33.61/854		46.24/1175			49.5/1258		
26.08/663					26.08/663				31.07/790			37.71/958		N/A			N/A		
12/305					12/305				16/407			16/407		18.63/474			18.63/474		
13.25/337					13.25/337				17.37/442			17.4/442		19.5/496			19.5/496		
24/610					24/610				24/610			24/610		26.75/680			26.75/680		
30.07/780		30.07/764			30.04/764				30.84/784			30.84/784		31.88/810			31.88/810		
1/26					1/26				1.5/38			1.5/38		2/51			2/51		
1/26					1/26				1.5/38			1.5/38		2/51			2/51		
11/280					11/280				13.3/338			13.3/338		N/A			N/A	N/A	13.3/338
9.8/249					9.8/249				12/305			12/305		N/A			N/A	N/A	12/305
3.7/94					3.7/94				4.3/110			4.3/110		N/A			N/A	N/A	4.3/110

MCGX LOW-PROFILE TITANIUM CHILLERS

Designed for locations onboard where height is an obstacle. These units are much shorter than other chillers in the same capacity range, but possess no shortage of performance or reliability. With a larger condenser area and an expansion valve that modulates refrigerant, this chiller remains both highly effective and incredibly efficient.

ULTRA DURABLE
TITANIUM CONDENSER

LOW PROFILE
FITS IN SMALLER LOCATIONS

DIAGNOSTIC CONTROLLER
MONITOR & PROTECT

AC

230V/60Hz/1-Ph or 3-Ph
220-240V/50Hz/1-Ph
460V/60Hz/3-Ph
380V/50Hz/3-Ph

36,000 - 180,000 BTU

MCGX LOW-PROFILE TITANIUM CHILLERS

DESIGNED FOR UNIQUE & HEIGHT-RESTRICTIVE INSTALLATIONS

MODEL [1]	**MCGXLP36**				**MCGXLP48**					**MCGXLP60**				
Capacity (BTU/h)	36000				48000					60000				
Voltage (V)	230	220	230	460	230	220	230	380	460	230	220	230	380	460
Cycle (Hz) / **Phase** (Ph)	60/1	50/1	60/3	60/3	60/1	50/1	60/3	50/3	60/3	60/1	50/1	60/3	50/3	60/3
Full Load Amps (FLA) / **Cool** (A)	12.9	12.3	8.3	3.9	13.8	14.7	11.3	5.8	5.2	17.8	22.2	11.3	8.3	5.9
Full Load Amps (FLA) / **Heat** (A)	16.8	18	10.9	5	20.2	21.4	12.7	7.6	6.6	23	29.1	14.8	10.8	7.4
Locked Rotor Amps (LRA) (A)	105	102.5	95	45	150	130	120	70	60	145	130	123	87	70
Max. Circuit Breaker (A)	70	75	50	23	80	90	58	33	30	100	101	60	42	33
Min. Circuit Ampacity (A)	43	41	27	12	48	50	33	19	17	57	57	34	24	19
Refrigerant Type	R410A				R410A					R410A				
Max. Height (in/mm) [2]	18.25/464				18.25/464					18.25/464				
Width-Drain Pan (in/mm) [2]	12/305				12/305					12/305				
Max. Width (in/mm) [2]	12.69/323				12.69/323					12.69/323				
Depth-Drain Pan (in/mm) [2]	24/610				24/610					24/610				
Max. Depth (in/mm) [2]	25.38/645				25.38/645					25.38/645				
Seawater Inlet Connection (in/mm)	1/26				1/26					1/26				
Chilled Water Connection Size (in/mm)	1/26				1/26					1.25/32				
Height-Electrical Box (in/mm)	11/280				11/280					11/280				
Width-Electrical Box (in/mm)	9.8/249				9.8/249					9.8/249				
Depth-Electrical Box (in/mm)	3.7/94				3.7/94					3.7/94				

[1] For information about net weight and shipping weight please contact a Dometic Marine sales representative at 0344 626 0138.

[2] All dimensions ± 0.30 in/8 mm.

MCGX LOW-PROFILE TITANIUM CHILLERS

DESIGNED FOR UNIQUE & HEIGHT-RESTRICTIVE INSTALLATIONS

MODEL [1]	**MCGXLP72**				**MCGXLP150**			**MCGXLP180**		
Capacity (BTU/h)	72000				150000			180000		
Voltage (V)	230	230	380	460	230	380	460	230	380	460
Cycle (Hz) / **Phase** (Ph)	60/1	60/3	50/3	60/3	60/3	50/3	60/3	60/3	50/3	60/3
Full Load Amps (FLA) / **Cool** (A)	20.1	14.2	10.1	7.1	30.6	19.9	15.1	38.3	24.1	20.2
Full Load Amps (FLA) / **Heat** (A)	29.3	17.9	13.3	8.9	38.9	24.5	19.3	50	29.9	25
Locked Rotor Amps (LRA) (A)	145	160	100	87	304	197	147	351	239	197
Max. Circuit Breaker (A)	94	81	42	42	144	86	67	168	114	86
Min. Circuit Ampacity (A)	53	45	24	24	80	49	38	94	64	49
Refrigerant Type	R410A				R410A			R410A		
Max. Height (in/mm) [2]	18.25/464				25.2/641			25.2/641		
Width-Drain Pan (in/mm) [2]	12/305				20.13/512			20.13/512		
Max. Width (in/mm) [2]	12.69/323				21.5/547			21.5/547		
Depth-Drain Pan (in/mm) [2]	24/610				36.75/934			36.75/934		
Max. Depth (in/mm) [2]	25.38/645				40.03/1017			40.03/1017		
Seawater Inlet Connection (in/mm)	1/26				2/51			2/51		
Chilled Water Connection Size (in/mm)	1.25/32				2/51			2/51		
Height-Electrical Box (in/mm)	11/280				13.3/338			13.3/338		
Width-Electrical Box (in/mm)	9.8/249				12/305			12/305		
Depth-Electrical Box (in/mm)	3.7/94				4.3/110			4.3/110		

[1] For information about net weight and shipping weight please contact a Dometic Marine sales representative at 0344 626 0138.

[2] All dimensions ± 0.30 in/8 mm.

MTDX
TITANIUM CHILLERS

Highly resistant to erosion and corrosion, the titanium condenser provides longer service life. Also provides installation flexibility, reliability, maximum performance and easy accessibility for maintenance and repair.

ULTRA DURABLE
TITANIUM CONDENSER

ECO-FRIENDLY
R-410A REFRIGERANT

LARGE DRAIN FITTINGS
FASTER DRAINAGE

AC

230V/60Hz/1-Ph or 3-Ph
220-240V/50Hz/1-Ph
460V/60Hz/3-Ph
380V/50Hz/3-Ph

24,000 - 120,000 BTU

MTDX TITANIUM CHILLERS

ENGINEERED FOR ENVIRONMENTALLY SAFE R410A REFRIGERANT

Model	**MTDX24**				**MTDX30**			**MTDX36**					
Capacity (BTU/h)	24000				30000			36000					
Voltage (V)	220	230	460	230	220	230	230	220	230	230	460	230	220
Cycle (Hz)/**Phase** (Ph)	50/1	60/3	60/3	60/1	50/1	60/1	60/3	50/1	60/1	60/3	60/3	60/1	50/1
Full Load Amps (FLA) **Cool** (A)	9.6	6.9	3.11	6.4	9.9	8.4	6.4	12.3	12	8.3	3.9	13.8	14.7
Full Load Amps (FLA) **Heat** (A)	11.9	9	4.06	9.5	13	12.2	8.3	18	15.7	10.9	5	20.2	21.4
Locked Rotor Amps (LRA) (A)	97	95	45	58.3	97	77	71	115	105	95	45	150	130
Max. Circuit Breaker (A)	45	45	20	45	60	56	35	70	–	50	23	80	90
Min. Circuit Ampacity (A)	28	25	13	25	34	32	20	42	43	27	12	48	50
Refrigerant Type	R410A				R410A			R410A					
Max. Height (in/mm) [1]	17/432				17/432			23.5/597					
Width-Drain Pan (in/mm) [1]	25.3/643				25.3/643			25.3/643					
Max. Width (in/mm) [1]	25.3/643				28.3/719			28.3/719					
Depth-Drain Pan (in/mm) [1]	12.8/326				12.8/326			12.8/326					
Max. Depth (in/mm) [1]	12.8/326				13.4/341			13.4/341					
Seawater Inlet Connection (in/mm)	0.625/16				1/26			1/26					
Chilled Water Connection Size (in/mm)	1/26				1/26			1/26					
Chilled Water Connection Type	FPT				FPT			FPT					

1 All dimensions ± 0.30 in/8 mm.

MTDX48				MTDX60					MTDX72				MTDX96			MTDX120		
48000				60000					72000				96000			120000		
	230	460	380	230	220	230	460	380	230	230	460	380	230	380	460	230	380	460
	60/3	60/3	50/3	60/1	50/1	60/3	60/3	50/3	60/1	60/3	60/3	50/3	60/3	50/3	60/3	60/3	50/3	60/3
	11.3	5.2	5.8	17.8	22.2	11.3	5.9	8.3	20.1	14.2	7.1	10.1	20.3	9.2	14.7	25.3	12.4	15.4
	14	6.6	7.6	23	29.1	14.8	7.4	10.8	29.3	17.9	8.9	13.3	25.5	13.4	14.9	31.3	15.3	19.2
	120	60	70	145	130	123	70	87	145	160	87	100	235	110	–	267	142	147
	55	30	33	100	100	60	33	42	94	80	42	42	100	40	56	103	50	67
	33	17	19	57	57	34	19	24	53	45	24	24	57	24	32	58	29	38
R410A				R410A					R410A				R410A			R410A		
23.5/597				23.5/597					23.5/597				23.9/608			27.8/707		
25.1/638				25.1/638					25.1/638				33.1/841			33.1/841		
28.3/719				28.3/719					28.3/719				36.85/936			36.85/936		
12.7/323				12.7/323					12.7/323				16.7/425			16.7/425		
13.4/341				13.4/341					13.4/341				17.7/450			17.7/450		
1/26				1/26					1/26				1.25/32			1.25/32		
1/26				1.25/32					1.25/32				1.5/38			1.5/38		
FPT				FPT					FPT				FPT			FPT		

MTCGX
TITANIUM CHILLERS

Provides installation flexibility, reliability, maximum performance and accessibility for easy maintenance. With module staging and multiple efficiency-boosting designs, this modular chiller offers great performance and serves as a great drop-in replacement for Dometic MTC R407C and R22 units.

ULTRA DURABLE
TITANIUM CONDENSER

DROP-IN REPLACEMENT
MTC R407C / R22 UNITS

HOT-GAS BYPASS
MAINTAINS HEATING IN COLD SEAWATER

AC

230V/60Hz/1-Ph or 3-Ph
220-240V/50Hz/1-Ph
460V/60Hz/3-Ph
380V/50Hz/3-Ph

36 ,000 - 120,000 BTU

MTCGX TITANIUM CHILLERS
FLEXIBLE AND RELIABLE

MODEL [1]	**MTCGX36**				**MTCGX48**				**MTCGX60**			
Capacity (BTU/h)	36000				48000				60000			
Voltage (V) [2]	230	220	230	460	220	460	380	230	230	230	460	380
Cycle (Hz) / **Phase** (Ph)	60/1	50/1	60/3	60/3	50/1	60/3	50/3	60/1	60/1	60/3	60/3	50/3
Full Load Amps (FLA) / **Cool** (A)	12	12.3	8.3	5.1	14.7	5.2	5.8	13.8	17.8	11.3	5.9	8.3
Full Load Amps (FLA) / **Heat** (A)	15.7	13.8	10.9	5.8	21.4	6.6	7.6	20.2	23	14.8	7.4	10.8
Locked Rotor Amps (LRA) (A)	105	115	95	45	130	60	70	150	145	123	70	87
Refrigerant Type	R410A				R410A				R410A			
Max. Height (in/mm) [3]	23.5/597				23.5/597				23.5/597	32.5/597	23.5/597	23.5/597
Width-Drain Pan (in/mm) [3]	25.3/643				25.1/638				25.1/638			
Max. Width (in/mm) [3]	33.7/856				33.5/851				33.5/851	32.1/816	33.5/851	32.1/816
Max. Depth (in/mm) [3]	12.8/326				12.7/323				12.7/323			
Clearance Manifold (in/mm)	5/127				5/127				5/127			
Seawater Inlet Connection (in/mm)	1/26				1/26				1/26			
Chilled Water Connection Size (in/mm)	1/26				1/26				1.25/32			
Chilled Water Connection Type	FPT				FPT				FPT			

[1] When ordering, add one of the following codes to the model number to specify voltage: 'C' for 230V/60Hz/1-Ph, 'CK' for 220-250V/50Hz/1-Ph, 'DC' for 230V/60Hz/3-Ph, 'EC' fo460V/60Hz/3-Ph, or 'ECK' for 380V/50Hz/3-Ph. For example, MTCGV24DC = 230V/60Hz/3-ph unit.

[2] For information about voltages not shown in this sheet, please contact Dometic Marine sales at0344 626 0138.

[3] All dimensions ± 0.30 in/8 mm.

MTCGX TITANIUM CHILLERS

FLEXIBLE AND RELIABLE

MODEL [1]	**MTCGX72**			**MTCGX96**	**MTCGX120**		
Capacity (BTU/h)	72000			96000	120000		
Voltage (V) [2]	230	460	380	230	230	460	380
Cycle (Hz) / **Phase** (Ph)	60/3	60/3	50/3	60/3	60/3	60/3	50/3
Full Load Amps (FLA) / **Cool** (A)	14.2	7.1	10.1	20.3	25.3	12.4	15.4
Full Load Amps (FLA) / **Heat** (A)	17.9	8.9	13.3	25.5	31.3	15.3	19.2
Locked Rotor Amps (LRA) (A)	160	87	100	235	267	142	147
Refrigerant Type	R410A			R410A	R410A		
Max. Height (in/mm) [3]	23.5/597			26.8/681	26.8/681		
Width-Drain Pan (in/mm) [3]	25.1/638			33/839	33/839	33/839	39/991
Max. Width (in/mm) [3]	32.1/816			39/991	39/991		
Max. Depth (in/mm) [3]	12.7/323			16.6/422	16.6/422		
Clearance Manifold (in/mm)	5/127			6/153	6/153		
Seawater Inlet Connection (in/mm)	1/26			1.25/32	1.25/32		
Chilled Water Connection Size (in/mm)	1.25/32			1.5/38	1.5/38		
Chilled Water Connection Type	FPT			FPT	FPT		

[1] When ordering, add one of the following codes to the model number to specify voltage: 'C' for 230V/60Hz/1-Ph, 'CK' for 220-250V/50Hz/1-Ph, 'DC' for 230V/60Hz/3-Ph, 'EC' fo460V/60Hz/3-Ph, or 'ECK' for 380V/50Hz/3-Ph. For example, MTCGV24DC = 230V/60Hz/3-ph unit.

[2] For information about voltages not shown in this sheet, please contact Dometic Marine sales at0344 626 0138.

[3] All dimensions ± 0.30 in/8 mm.

TWCX
TITANIUM CHILLERS

A high-performance chiller, this reverse-cycle unit cools and heats, and is available in a wide range of models. Uses R410A, the preferred environmentally safe refrigerant.

ULTRA DURABLE
TITANIUM CONDENSER

REVERSE CYCLE
COOLS & HEATS

ADVANCED COMPONENTS
SUPERIOR PERFORMANCE

AC

230V/60Hz/1-Ph or 3-Ph
220-240V/50Hz/1-Ph
460V/60Hz/3-Ph
380V/50Hz/3-Ph

24,000 -72,000 BTU

TWCX TITANIUM CHILLERS

ENCLOSED MODULAR CHILLERS WITH A COMPACT FOOTPRINT

MODEL [1]	**TWCX 24**		**TWCX 30**			**TWCX 36**				
Capacity (BTU/h)	24000		30000			36000				
Voltage (V) [1]	220	380	230	220	230	220	460	230	230	380
Cycle (Hz) / **Phase** (Ph)	50/1	50/3	60/3	50/1	60/1	50/1	60/3	60/1	60/3	50/3
Full Load Amps (FLA) / **Cool** (A)	9.5	3.5	7.2	10.3	9.1	9.6	3.9	12	8.3	5.1
Full Load Amps (FLA) / **Heat** (A)	11.8	4.6	9.1	12	13.2	12.7	5	15.7	10.9	6.6
Locked Rotor Amps (LRA) (A)	63	45	73	63	96.7	63	45	105	95	50
Max. Circuit Breaker (A)	45	20	35	45	60	45	20	70	50	27
Min. Circuit Ampacity (A)	28	13	21	28	34	28	13	43	27	15
Refrigerant Type	R410A		R410A			R410A				
Height-Without Elec. Box (in/mm) [3]	18.6/473		18.6/473			18.6/473				
Height-With Elec. Box (in/mm) [3]	22.6/575		22.6/575			22.6/575				
Max. Width (in/mm) [3]	13/331		13/331			13/331				
Depth-Drain Pan (in/mm) [3]	18/458		18/458			18/458				
Max. Depth (in/mm) [2]	19.4/493		19.4/493			19.4/493				
Seawater Inlet Connection (in/mm)	0.625/16		0.625/16			0.625/16				
Chilled Water Inlet Connection (in/mm)	0.75/20		0.75/20			0.75/20				
Chilled Water Outlet Connection (in/mm)	1/26		1/26			1/26				
Chilled Water Connection Type	FPT		FPT			FPT				

[1] Add a 'C' for 230V/60Hz/1-Ph, 'CK' for 220-250V/50Hz/1-Ph, 'DC' for 230V/60Hz/3-Ph, 'ECK' for 380V/50Hz/3-Ph, or 'EC' for 460V/60Hz/3-Ph. For example, TWCV24DC = 230V/60Hz/3-ph unit.

[2] For information about voltages not shown in this sheet, please contact Dometic Marine sales at 0344 626 0138.

[3] All dimensions ± 0.30 in/8 mm.

TWCX48					TWCX60					TWCX72			
48000					60000					72000			
460	230	220	230	380	460	230	220	230	380	230	230	460	380
60/3	60/1	50/1	60/3	50/3	60/3	60/1	50/1	60/3	50/3	60/1	60/3	60/3	50/3
5.2	13.8	14.7	11.3	5.8	5.9	15.8	22.2	11.3	8.3	20.1	16.2	7.1	10.1
6.6	20.2	21.4	12.7	7.6	7.4	23	29.1	14.8	10.8	29.3	20.1	8.9	13.3
60	150	130	120	70	70	145	130	123	87	145	160	87	100
30	80	90	55	30	33	101	100	60	42	90	81	42	42
17	48	50	33	19	19	57	57	34	24	53	45	24	24
R410A					R410A					R410A			
23.4/595					23.4/595					23.4/595			
23.4/595					23.4/595					23.4/595			
13.3/338					13.3/338					13.3/338			
18/458					18/458					18/458			
23.9/608					23.9/608					23.9/608			
1.25/32					1.25/32					1.25/32			
1/26					1/26					1/26			
1/26					1/26					1/26			
FPT					FPT					FPT			

DEFROSTER FOR PILOT HOUSES

Removes moisture or condensation that may form on the inside of a pilot-house windshield.

CUSTOM
UP TO 6 DUCT OUTLETS

INSTALLATION OPTIONS
HORIZONTAL OR VERTICAL

SLIMLINE
COMPACT

AC

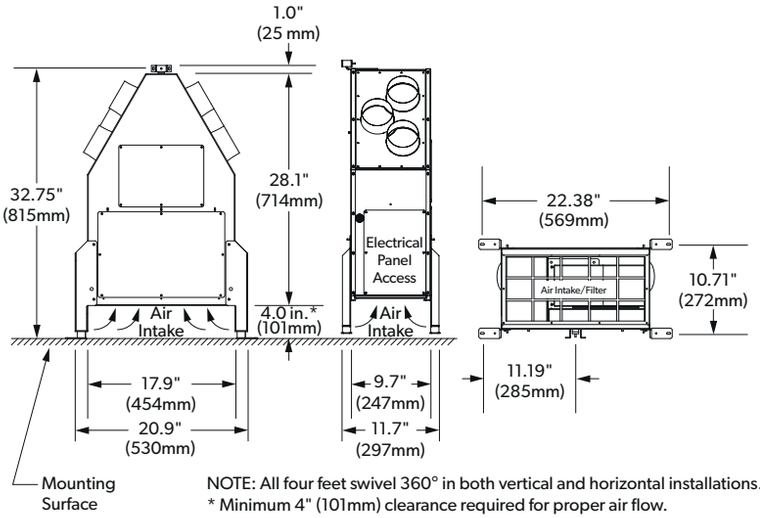
115V/50 OR 60Hz
230V/50 OR 60Hz

INDIVIDUAL DUCTS FOR EACH PANE OF GLASS

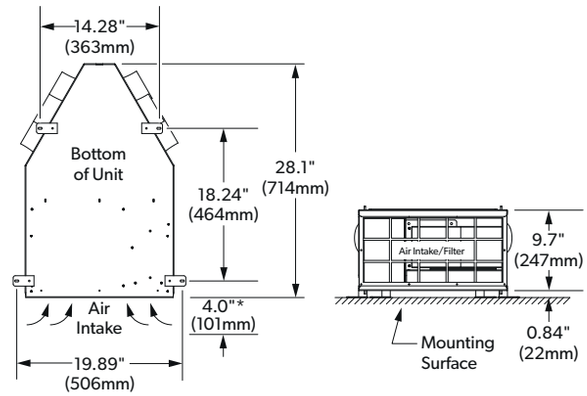
Model	PHD12HV	PHD12HVZ
Air Flow (cfm/m3h)	325/552	325/552
Voltage @ 50/60Hz 1-Ph (V)	115	230
Full Load Amps (FLA) Heat (A)	14.2	7.1
Full Load Amps (FLA) Blower (A)	1.14	0.61
Electric Heat (kW)	1.5	
Heater Amps (A)	13	6.5
Max. Circuit Breaker (A)	15	10
Min. Circuit Ampacity (A)	15	8
External Static Pressure (in H_2O/Pa)	0.2/49	0.2/49
Supply Duct Size Diameter (in/mm)	Number and diameter of duct rings is based on customer's specifications	
Supply Air Grille Area (sq in/sq cm) [1]	88/568	88/568
Return Air Grille Area (sq in/sq cm)	130/839	130/839
Net Weight (lbs/kg)	30/13.6	30/13.6
Gross Weight (in/mm)	48.5/22	48.5/22

[1] Maximum recommended free area of supply air grille(s). Cross-sectional area of the supply air ducts must be at least 58 sq in/374 sq cm. Larger ducts may be needed when the total duct length exceeds 20 ft/6 m, has more than three 90° bends, or has a transition box.

Vertical Unit Configuration



Horizontal Unit Configuration



NOTE: All four feet swivel 360° in both vertical and horizontal installations.
* Minimum 4" (101mm) clearance required for proper air flow.

1. POWERFUL

High-velocity blower is standard

2. HARDWARE INCLUDED

Legs with vibration-isolation mounts for vertical installations

3. EASY INSTALLATION

Tapered duct housing permits easy mounting and installation of ducting

AIR HANDLERS

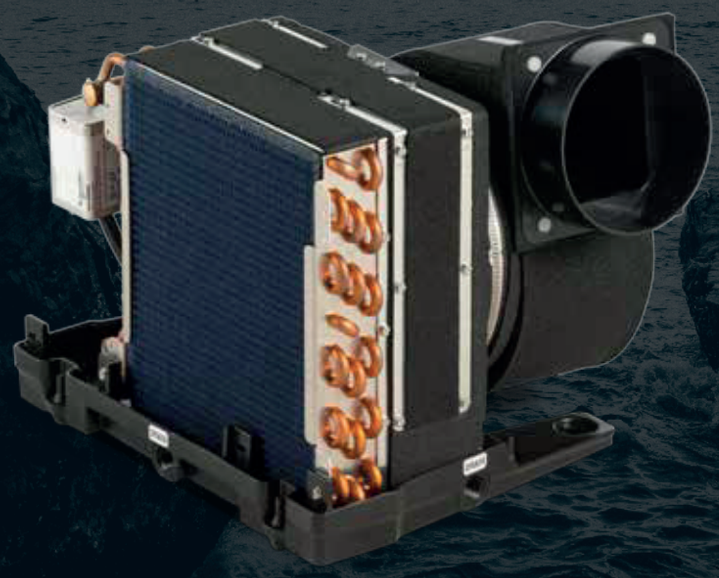
AU-HV
AIR HANDLERS

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



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

6,000 -24,000 BTU

AU-HV AIR HANDLERS

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

Model [1] [2]	**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/m3h)	229/390		278/473		338/575		465/791		506/860	
External Static Pressure (in H_2O/Pa)	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	
Max. Height (in/mm) [3]	12.13/309		13.31/339		13.38/340		15.38/391		16.75/426	
Max. Width (in/mm) [3]	14.5/369		16.5/420		16.5/420		20.13/512		22.63/575	
Max. Depth (in/mm) [3]	12.56/320		13.25/337		14.25/362		15/381		15.38/391	
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)	5/127		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 (lbs/kg)	22/10		26/11.8		30/13.6		34.75/15.8		40.5/18.4	
Gross Weight (lbs/kg)	29/13.15		34/15.4		39/17.7		45/20.5		53/24.0	

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

[2] 'HV' indicates high-velocity blower.

[3] All dimensions ± 0.30 in/8 mm.

Model [1]	**AU6DC**	**AU9DC**	**AU12DC**	**AU18DC**	**AU24DC**
Nominal Capacity - Cool (BTU/h)	6000	9000	12000	18000	24000
Voltage @ 50/60Hz 1-Ph (V)	230	230	230	230	230
Full Load Amps (FLA) **Cool** (A)	1.4	1.4	3.17	3.9	3.86
Full Load Amps (FLA) **Heat** (A)	5.75	7.92	9.69	17	16.9
Full Load Amps (FLA) **Blower** (A)	1.4	1.4	3.2	3.9	3.9
Optional Electric Heat (kW)	1	1	1.5	3	3
Max. Circuit Breaker (A)	10	10	15	20	20
Min. Circuit Ampacity (A)	7	9	11	18	18
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)	200/340	300/510	400/680	600/1020	700/1190
External Static Pressure (in H_2O/Pa)	2.9/722.1	2.8/697.2	2.6/647.4	2.1/522.9	1.4/348.6
Chilled Water Pressure Drop (PSI)	1.1	4.4	8	4.6	11
Max. Height (in/mm) [2]	11.7/298	13.4/341	13.4/341	14.4/366	15.5/394
Max. Width (in/mm) [2]	14.4/366	16.4/417	16.4/417	19.9/506	22.4/569
Max. Depth (in/mm) [2]	14/356	14/356	16.7/425	17.3/440	17.3/440
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)	5/127	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 (lbs/kg) [3]	24/10.9	26.5/12.1	33.25/15.1	42/19.1	46/20.9
Gross Weight (lbs/kg)	31/14.1	35/15.9	42/19.1	54/24.5	58/26.4

[1] 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.
[2] All dimensions ± 0.30 in/8 mm.
[3] Without electric heat option, subtract 3 lbs/1.4 kg from unit weight for each heater element.

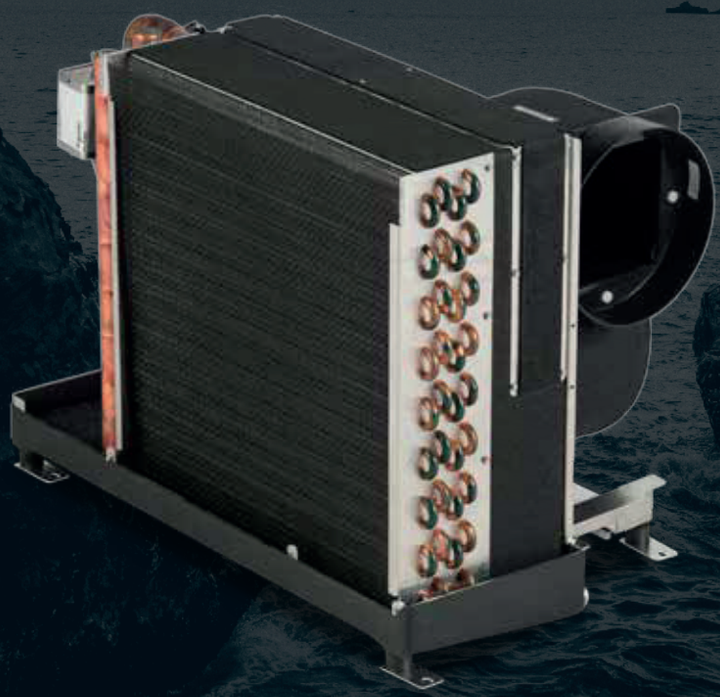
AT-HV
AIR HANDLERS

The AT-HV series of air handlers for marine HVAC chilled water systems are draw-though (ducted) units with high-velocity (HV) blowers. The AT-HV series replaces Flex-Duct and Draw-Through series air handers, and has many improvements and options over the older units.

INSULATED HV BLOWERS
ROTATABLE

CORROSION-RESISTANT
DURABLE

POSITIVE-FLOW DRAIN PAN
REDUCES STANDING WATER



AC

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

4,000 -36,000 BTU

AT-HV AIR HANDLERS

COMPACT UNITS WITH OPTIONAL DC "WHISPERCOOL" BLOWERS

Model [1]	**AT4HV**		**AT6HV**		**AT9HV**		**AT12HV**		**AT18HV**		**AT24HV**		**AT36HV**
Nominal Capacity - Cool (BTU/h)	4000		6000		9000		12000		18000		24000		36000
Voltage @ 50/60Hz 1-Ph (V)	115	230	115	230	115	230	115	230	115	230	230	115	230
Full Load Amps (FLA) **Cool** (A)	1.06	0.41	1.6	0.83	1.1	0.6	1.5	0.7	2.3	1.18	1.15	2.3	1.62
Full Load Amps (FLA) **Blower** (A)	0.8	0.4	1.2	0.6	1.4	0.7	1.4	0.7	2.2	1	1	2.2	1.6
Optional Electric Heat (kW)	N/A		1		1.5		2		3		3		4
Max. Circuit Breaker (A)	5		5		5		5		5		5		5
Min. Circuit Ampacity (A)	2	1	2		2	1	2	1	3	2	2	3	3
Water Flow (gpm/lpm)	1/3.8		1.5/5.7		2.3/8.8		3/11.4		4.5/17.1		6/22.8		9/34.1
Air Flow (cfm/m3h)	130/221		229/390		278/473		338/575		465/791		506/860		676/1149
External Static Pressure (in H_2O/Pa)	0.3/74.7		0.3/74.7		0.3/74.7		0.3/74.7		0.3/74.7		0.3/74.7		.03/74.7
Min. Height (in/mm) [2]	9.75/248		10.25/261		12.13/309		12.05/307		15/381		15.94/405		19.75/502
Max. Height (in/mm) [2]	9.75/248		11.25/286		13.31/339		13.88/353		15/381		15.94/405		19.75/502
Max. Width (in/mm)	15/381		15.25/388		16.88/429		18.75/477		20.38/518		22.63/575		26.63/677
Max. Depth (in/mm) [2] [3]	10.25/261		12.38/315		12.13/309		12.38/315		13.5/343		15/381		15.81/402
Drain Connection Size (in/mm)	0.5/13		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		FPT
Chilled Water Connection Size (in/mm)	0.5/13		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		FPT
Min. Supply Duct Size (in/mm)	4/102		5/127		6/153		6/153		7/178		8/204		8/204
Min. Supply Air Grille Size (sq in/sq cm)	32/207		35/226		49/317		70/452		100/646		140/904		196/1265
Min. Return Air Grille Size (sq in/sq cm)	64/413		70/452		98/633		130/839		200/1291		240/1549		360/2323
Height-Electrical Box (in/mm)	8/204		8/204		8/204		8/204		8/204		8/204		8/204
Width-Electrical Box (in/mm)	6.13/156		6.13/156		6.13/156		6.13/156		6.13/156		6.13/156		6.13/156
Depth-Electrical Box (in/mm)	2/51		2/51		2/51		2/51		2/51		2/51		2/51

[1] 'HV' indicates high-velocity blower. 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.

[2] All dimensions ± 0.30 in/8 mm.

[3] Max. depth for AT36HV with flow control option. Reduce by 1.75 in/45 mm without flow control.

AT-HV AIR HANDLERS

COMPACT UNITS WITH OPTIONAL DC "WHISPERCOOL" BLOWERS

Model [1]	**AT6DC**	**AT9DC**	**AT12DC**	**AT18DC**	**AT24DC**	**AT36DC**
Nominal Capacity - Cool (BTU/h)	6000	9000	12000	18000	24000	36000
Voltage @ 50/60Hz 1-Ph (V)	230	230	230	230	230	230
Full Load Amps (FLA) **Cool** (A) [2]	1.4	1.4	3.2	3.9	3.9	3.9
Full Load Amps (FLA) **Blower** (A)	1.4	1.4	3.2	3.9	3.9	3.9
Optional Electric Heat (kW)	1	1	1.5	1.5	3	3
Heater Amps (A)	4.3	4.3	6.5	6.5	13	13
Max. Circuit Breaker (A)	5	5	5	5	5	5
Min. Circuit Ampacity (A)	2	2	4	5	5	5
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)	200/340	300/510	400/680	600/1020	700/1190	800/1360
External Static Pressure (inH2O/Pa)	2.9/722.1	2.8/697.2	2.6/647.4	2.1/522.9	1.4/348.6	0.5/124.
Min. Height (in/mm) [3]	11.08/282	11.79/300	12.05/307	14.83/377	16.7/425	16.74/426
Max. Height (in/mm) [3]	13.63/347	13.73/349	13.94/355	16.94/431	16.7/425	19.74/50
Max. Width (in/mm) [3]	14.81/377	16.48/419	18.75/477	20.08/511	22.48/571	26.41/671
Max. Depth (in/mm) [3]	14.27/363	14.55/370	14.49/369	14.83/377	16.42/418	17.15/436
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)	5/127	6/153	6/153	7/178	8/204	8/204
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
Height-Electrical Box (in/mm)	8/204	8/204	8/204	8/204	8/204	8/204
Width-Electrical Box (in/mm)	6.13/156	6.13/156	6.13/156	6.13/156	6.13/156	6.13/156
Depth-Electrical Box (in/mm)	2/51	2/51	2/51	2/51	2/51	2/51

[1] 'DC' indicates optional brushless "WhisperCool" (DC) blowers. 'Z' indicates 230V. Add '-FC' for optional flow control; add '-LX' or '-RX' for valve position (relative to the blower side of the coil) and angle of the blower ('-R0' 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.

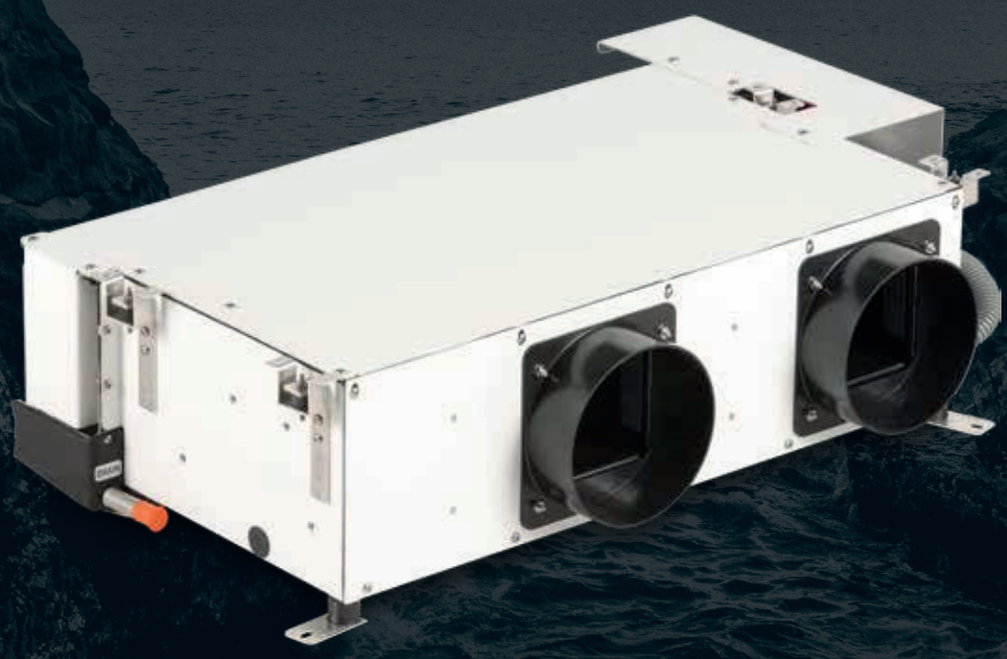
ATL-HV
AIR HANDLERS

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

OPEN-TOP UNIT
BETTER ACCESS

OPTIONAL DC "WHISPERCOOL" BLOWERS
ULTRA QUIET

IMPROVED DESIGN
SMALLER DIMENSIONS



AC

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

6,000 -36,000 BTU

ATL-HV AIR HANDLERS

Model [1]	**ATL6HV**	**ATL9HV**	**ATL12HV**		**ATL18HV**	**ATL24HV**	
Nominal Capacity (BTU/h)	6000	9000	12000		18000	24000	
Voltage @ 50/60Hz 1-Ph (V)	230	230	115	230	230	115	230
Full Load Amps (FLA) **Cool** (A)	0.9	0.6	3.12	1.8	1.8	2.3	1.15
Full Load Amps (FLA) **Blower** (A)	0.7	0.5	3.2	1.4	1	3.4	1.3
Optional Electric Heat (kW) [2]	1	1	1		1.5	1.5	
Heater Element Quantity	1	1	2		2	1	
Heater Amps (A)	5	4.8	20.6	10.1	9.7	16.4	7.8
Max. Circuit Breaker (A)	5	5	5		5	5	
Min. Circuit Ampacity (A)	2	1	4	3	3	3	2
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)	200/340	233/396	350/595		467/793	730/1241	
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	
Height-Deck Mount (in/mm) [4]	8/204	8/204	8.1/206		8.1/206	10/254	
Height-Suspension Mount (in/mm) [4]	8.1/206	8.1/206	8.1/206		8.1/206	10.1/257	
Max. Width (in/mm)	19.6/498	19.6/498	31.6/803		31.6/803	42.9/1090	
Depth-Without Heat (in/mm) [4]	18/458	19.7/501	17.9/455		19.8/503	22/559	
Depth-With Heat (in/mm) [4]	23.7/602	25.4/646	23.6/600		25.5/648	27.7/704	
Drain Connection Size (in/mm)	0.5/13	0.5/13	0.5/13		0.5/13	0.5/13	
Drain Connection Type	tube stubs	tube stubs	tube stubs		tube stubs	tube stubs	
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	
Quantity-Duct Connections	1	1	2		2	1	
Min. Supply Duct Size (in/mm) [5]	4/102	6/153	6/153		7/178	9/229	
Min. Supply Air Grille Size (sq in/sq cm)	35/226	49/317	35/226		49/317	147/949	
Min. Return Air Grille Size (sq in/sq cm)	70/452	98/633	130/839		200/1291	240/1549	
Pan Style	sloped	sloped	sloped		sloped	sloped	

[1] 'HV' indicates high-velocity blower. 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] 1.5 kW is recommended for the ATL24 because it has one blower. 2 kW 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.

Model [1]	**ATL6DC**	**ATL9DC**	**ATL12DC**	**ATL18DC**	**ATL24DC**	**ATL36DC**
Nominal Capacity (BTU/h)	6000	9000	12000	18000	24000	36000
Voltage @ 50/60Hz 1-Ph (V)	230	230	230	230	230	230
Full Load Amps (FLA) **Cool** (A)	1.4	1.4	2.8	2.8	3.9	7.8
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 Element Quantity	N/A	N/A	N/A	N/A	N/A	N/A
Heater Amps (A)	5.7	5.7	11.5	11.5	8	16
Max. Circuit Breaker (A)	5	5	5	5	5	30
Min. Circuit Ampacity (A)	2	2	4	4	5	23
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]	200/340	233/396	350/595	467/793	670/1139	1000/1700
External Static Pressure (inH2O/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/mm)	0.5/13	0.5/13	0.5/13	0.5/13	0.5/13	0.5/13
Drain Connection Type	tube stubs	FPT	tube stubs	tube stubs	tube stubs	tube stubs
Chilled Water Connection Size (in/mm)	0.5/13	0.5/13	0.5/13	0.5/13	0.5/13	0.5/13
Chilled Water Connection Type	FPT	FPT	FPT	FPT	FPT	FPT
Quantity-Duct Connections	1	1	2	2	1	2
Min. Supply Duct Size (in/mm) [5]	4/102	6/153	6/153	7/178	9/229	10/254
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	200/1291	240/1549	360/2323
Pan Style	sloped	sloped	sloped	sloped	sloped	sloped

[1] 'DC' indicates optional brushless "WhisperCool" (DC) blowers. 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] 1.5 kW is recommended for the ATL24 because it has one blower. 2 kW is the maximum.
[3] Air flow data is for units without electric heat. Electric heat reduces air flow by an amount to be determined.

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 CONDENSATION

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

6,000 -36,000 BTU

ATV-HV AIR HANDLERS

DESIGNED WITH DEPTH CONSTRAINTS IN MIND

Model[1]	**ATV6HV-LP**		**ATV9HV-LP**		**ATV12HV-LP**		**ATV18HV-LP**		**ATV24HV-LP**	
Nominal Capacity - Cool (BTU/h)	6000		9000		12000		18000		24000	
Voltage @ 50/60Hz 1-Ph (V)	115	230	115	230	115	230	230	115	230	115
Full Load Amps (FLA) **Cool** (A)	1.6	0.9	1.1	0.7	1.5	0.7	1.15	2.3	1.64	2.3
Full Load Amps (FLA) **Blower** (A)	1.6	0.9	1.1	0.7	1.5	0.7	1.15	2.3	1.64	2.3
Optional Electric Heat (kW)	1		1.5		1.5		3		3	
Heater Amps (A)	8.7	4.3	13	6.5	13	6.5	13	26.1	13	26.1
Max. Circuit Breaker (A)	5		5		5		5		5	
Min. Circuit Ampacity (A)	2		2	1	2	1	2	3	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)	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)[2 3]	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)	5/127		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.

ATV-HV AIR HANDLERS

DESIGNED WITH DEPTH CONSTRAINTS IN MIND

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
Voltage @ 50/60Hz 1-Ph (V)	230	230	230	230	230	230
Full Load Amps (FLA) **Cool** (A) [2]	1.4	1.4	3.2	3.9	3.9	3.9
Full Load Amps (FLA) **Blower** (A)	1.4	1.4	3.2	3.9	3.9	3.9
Optional Electric Heat (kW)	1	1.5	1.5	3	3	3
Heater Amps (A)	4.3	6.5	6.5	13	13	13
Max. Circuit Breaker (A)	10	5	5	5	15	5
Min. Circuit Ampacity (A)	7	2	4	3	13	5
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)	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
Min. Height (in/mm) [3]	20.2/514	20.2/514	20.6/524	25.4/646	27.7/704	31.9/811
Max. Height (in/mm) [3]	22.9/582	22.9/582	24.1/613	27.9/709	29.9/760	34.7/882
Max. Width (in/mm) [3]	20.3/516	20.3/516	20.3/516	21.1/536	23.7/602	29.4/747
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)	5/127	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 '-FC' for optional flow control; 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.

CABIN CONTROLS

SMART TOUCH CABIN CONTROL

Highly customizable, Smart Touch lets you choose whether the home screen displays extensive system information or just a basic temperature control. Intuitive submenus step you through full system access.

CUSTOMIZABLE
CUSTOMIZE YOUR HOME SCREEN

INTUITIVE
INTERACTIVE MENUS

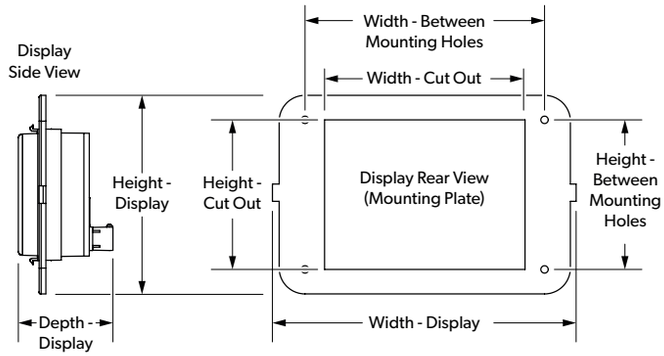
PROGRAMMABLE
SCHEDULE START & STOP TIMES

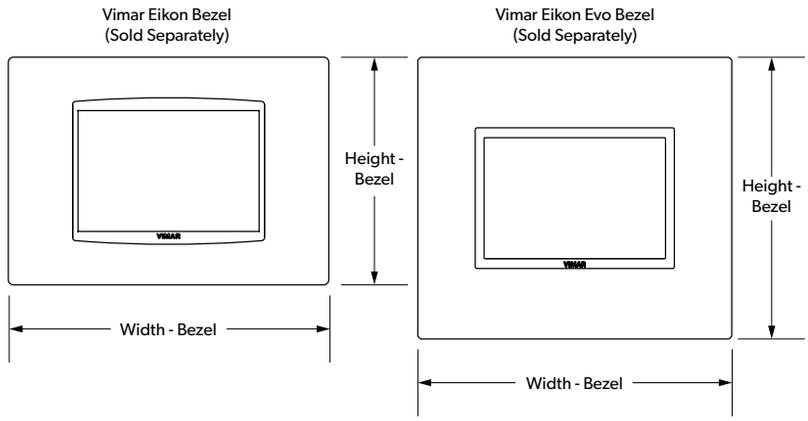
INTUITIVE USE & CUSTOMISATION AT YOUR FINGERTIPS

Vimar Eikon bezel shown

SPECIFICATIONS

DISPLAY DIMENSIONS	**Height:** 2.87 in/73 mm **Width:** 4.31 in/110 mm **Depth:** 1.37 in/35 mm
CUTOUT DIMENSIONS	**Height:** 2.17 in/55 mm **Width:** 2.9 in/74 mm
MOUNTING HOLES	**Height:** 2.17 in/55 mm **Width:** 3.47 in/88 mm
VIMAR EIKON BEZEL DIMENSIONS	**Height:** 3.31 in/84 mm **Width:** 4.72 in/120 mm
VIMAR EIKON EVO BEZEL DIMENSIONS	**Height:** 4.15 in/106 mm **Width:** 4.62 in/118 mm





ACCESSORIES

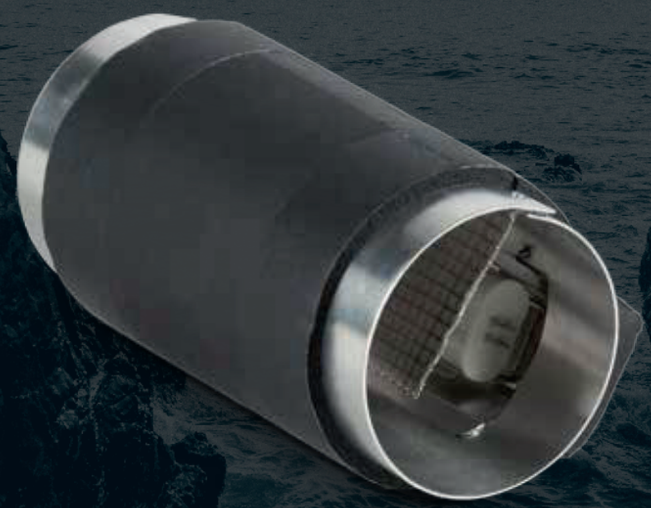
BREATHE EASY™ IN-DUCT AIR PURIFIER

The in-duct air purifier works silently and safely within the air conditioning duct to reduce the odors of tobacco smoke, mildew, mustiness, chemical vapors and toilets for fresher, cleaner, and healthier air onboard. The unit produces no harmful ozone and will not significantly decrease air flow velocity through the duct.

UV LIGHT
CLEAN & SAFE

SILENT OPERATION
NO HARMFUL OZONE

CLEAN ENVIRONMENT
FEWER CONTAMINANTS



AC

115V/60Hz
220V/50Hz
230V/60Hz

FITS DUCT SIZES
UP TO 8 IN

BREATHE EASY™ IN-DUCT AIR PURIFIER

REDUCES ODOURS & IMPROVES AIR QUALITY

Model	4 In. Diameter	5 In. Diameter	6 In. Diameter	7 In. Diameter	8 In. Diameter
Air Conditioner Capacity (BTU/h)	6000	7000 - 8000	10000 - 12000	14000 - 16000	24000
Voltages @ 50/60Hz (V)	115/220/230	115/220/230	115/220/230	115/220/230	115/220/230
Milliamps @ 115VAC/60Hz (mA)	200	200	200	200	200
Milliamps @ 220VAC/50Hz (mA)	350	350	350	350	350
Milliamps @ 230VAC/60Hz (mA)	200	200	200	200	200
Milliamps @ 12VDC (mA)	200	200	200	200	200
UV Bulb Watts (kW)	12	12	12	20	20
Min. Duct Diameter (in/mm)	5.5/140	5.5/140	6.5/166	7.5/191	8.5/216
Height (in/mm)	6.5/166	6.5/166	7.5/191	8.5/216	9.5/242
Width (in/mm)	10.5/267	10.5/267	10.5/267	13.5/343	13.5/343
Depth (in/mm)	5.5/140	5.5/140	6.5/166	7.5/191	8.5/216

1. WORKS SILENTLY & SAFELY WITHIN THE DUCT

Reduces mold spores, bacteria, viruses and fumes

BREATHE EASY™ PORTABLE AIR PURIFIER

Use a portable air purifier to eliminate unpleasant odors and enhance air quality.
Cleaner air may lessen allergy and asthma symptoms.

UP TO 500 SQ FT
EFFECTIVE AREA

UV LIGHT
CLEAN & SAFE

WORLDWIDE
AC ADAPTERS & PLUGS

DC
12 V DC

AC
115V/60Hz
220V/50Hz
230V/60Hz

BREATHE EASY™ PORTABLE AIR PURIFIER

REDUCES ODOURS & IMPROVES AIR QUALITY

SPECIFICATIONS

Part Number (P/N)	4210805
EFFICIENCY	**Max. Effective Area** (sq ft): 500
POWER	**Milliamps @ 115VAC/60Hz** (mA): 300 **Milliamps @ 220VAC/50Hz** (mA): 200 **Milliamps @ 230VAC/60Hz** (mA): 275 **Milliamps @ 12VDC** (mA): 500
BULB[1]	**UV Bulb Watts** (kW): 5
DIMENSIONS	**Height** (in/mm): 1.75/45 **Width** (in/mm): 6.25/159 **Depth** (in/mm): 4.5/115

[1] Replacement UV bulbs available (P/N 4210804). Does not produce Ozone.

1. QUIET OPERATION WITH TWO FAN SPEEDS

Improves air quality without producing any harmful ozone.

2. CLEANER AIR ANYWHERE

Includes worldwide power options.

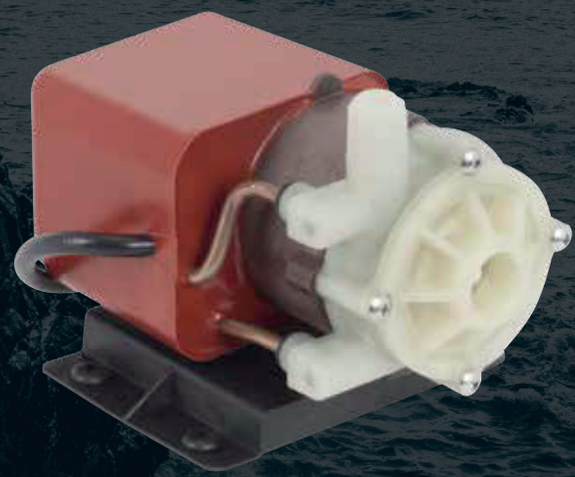
CENTRIFUGAL PUMPS FOR MARINE A/C

Marine centrifugal pumps are an excellent choice for providing seawater circulation for air conditioning systems. The proven magnetic drive eliminates the troublesome mechanical shaft seal.

INNOVATIVE IMPELLER
NO SEAL

SAVES POWER
EFFICIENT MOTOR

EXCLUSIVE
MARINE-GRADE BASE



AC

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

CENTRIFUGAL PUMPS FOR MARINE A/C

ULTRA-DURABLE CENTRIFUGAL SEAWATER PUMPS

TECHNICAL DATA				
Model	**LC-2CP-MD**	**LC-3CP-MD**	**LC-5CP-MD**	**AC-5C-MD**
Voltage (V)	115 / 230	115 / 230	115 / 230	115 / 230
Cycle (Hz) [1]	50/60	50/60	50/60	50/60
Phase (Ph)	1	1	1	1
Amps (A)	1 / 0.53	2 / 1	2.2 / 1.1	2.1 / 1
Max. Flow (gpm/lpm)	5/19	8.5/32	14.5/55	17/64
Max. Head (ft/m)	13/3.1	19/5.8	27/8.3	27/8.3
Ignition Protection	yes	yes	yes	yes
Motor HP (hp)	1/35	1/20	1/8	1/8
Motor Type [2]	TE/SUB	TE/SUB	TE/SUB	OD
Inlet Connection (in/mm)	0.75/19	0.75/19	1/26	1/26
Outlet Connection (in/mm)	0.25/7	0.5/13	0.5/13	0.5/13
Net Weight (lbs/kg)	5/2.3	9/4.1	15.5/7.1	10/4.6
Wet End Assembly	A-503	A-504	A-505	A-506

[1] Standard (50/60Hz) pumps may be operated at 50Hz and reduced voltages but with a 17% reduction in flow and as much as a 30% drop in head; the LC-3CP-MD is 60Hz only and may not be operated at 50Hz.
[2] TE/SUB motors are totally enclosed liquid-cooled types and can be operated in the open air or submerged; OD motors are open, drip-proof and air-cooled types which must be kept dry.

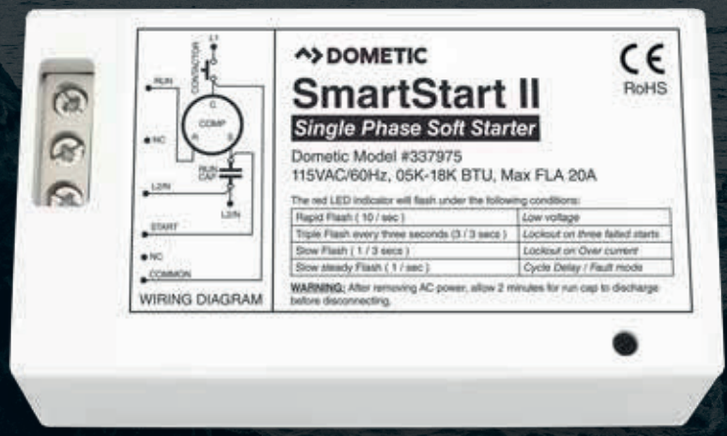
SMARTSTART II SOFT STARTER

Reduces boat air conditioning startup spikes.

REDUCES STRAIN
ON THE POWER SOURCE

REDUCES BROWN-OUTS
AT COMPRESSOR STARTUP

COMPACT
SMALL & LIGHTWEIGHT



AC

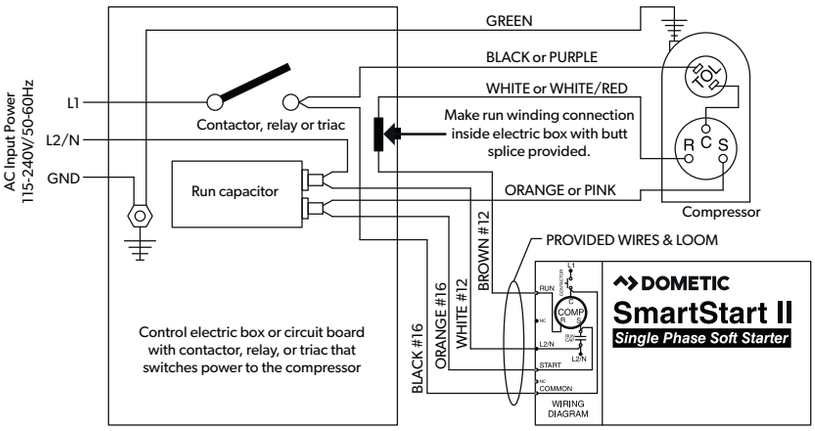
115V/60Hz
208V/50Hz OR 60Hz

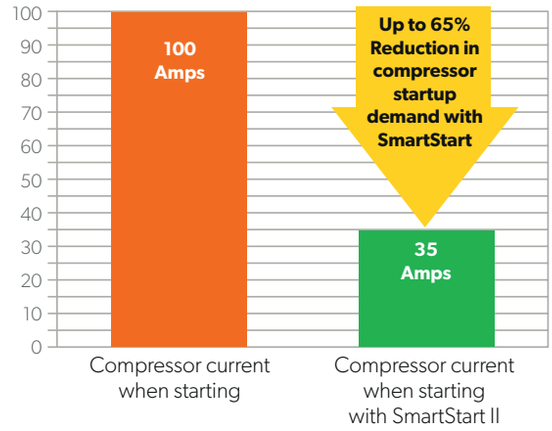
SMART START II SOFT STARTER

ELIMINATE BOAT AIR CONDITIONING START-UP SPIKES

Model [1]	**337975**	**337976**	**337977**
Volts/Hertz	115V/60 Hz	208-240 /50 or 60 Hz	208-240 /50 or 60 Hz
Supported Comp. Capacity (BTU/h)	5,000 - 18,000	12,000 - 30,000	36,000 - 60,000
Max. FLA (A)	20	16	32
Height (in/mm)	1.94/50	1.94/50	1.94/50
Width (in/mm)	5.25/134	5.25/134	5.25/134
Depth (in/mm)	2.94/75	2.94/75	2.94/75

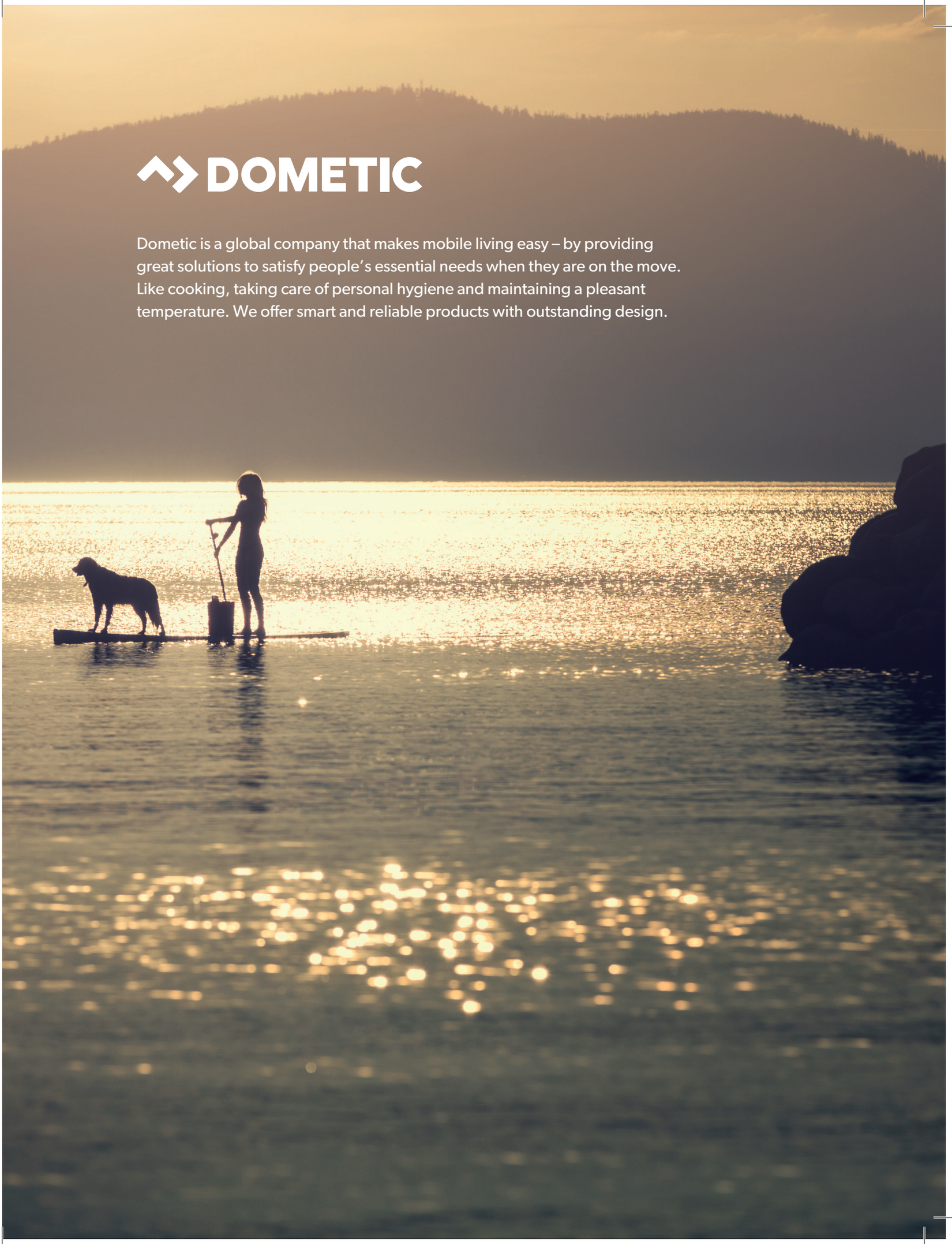
[1] Typical start surge reduction as compared to compressor locked rotor amperage (LRA) is 65%.

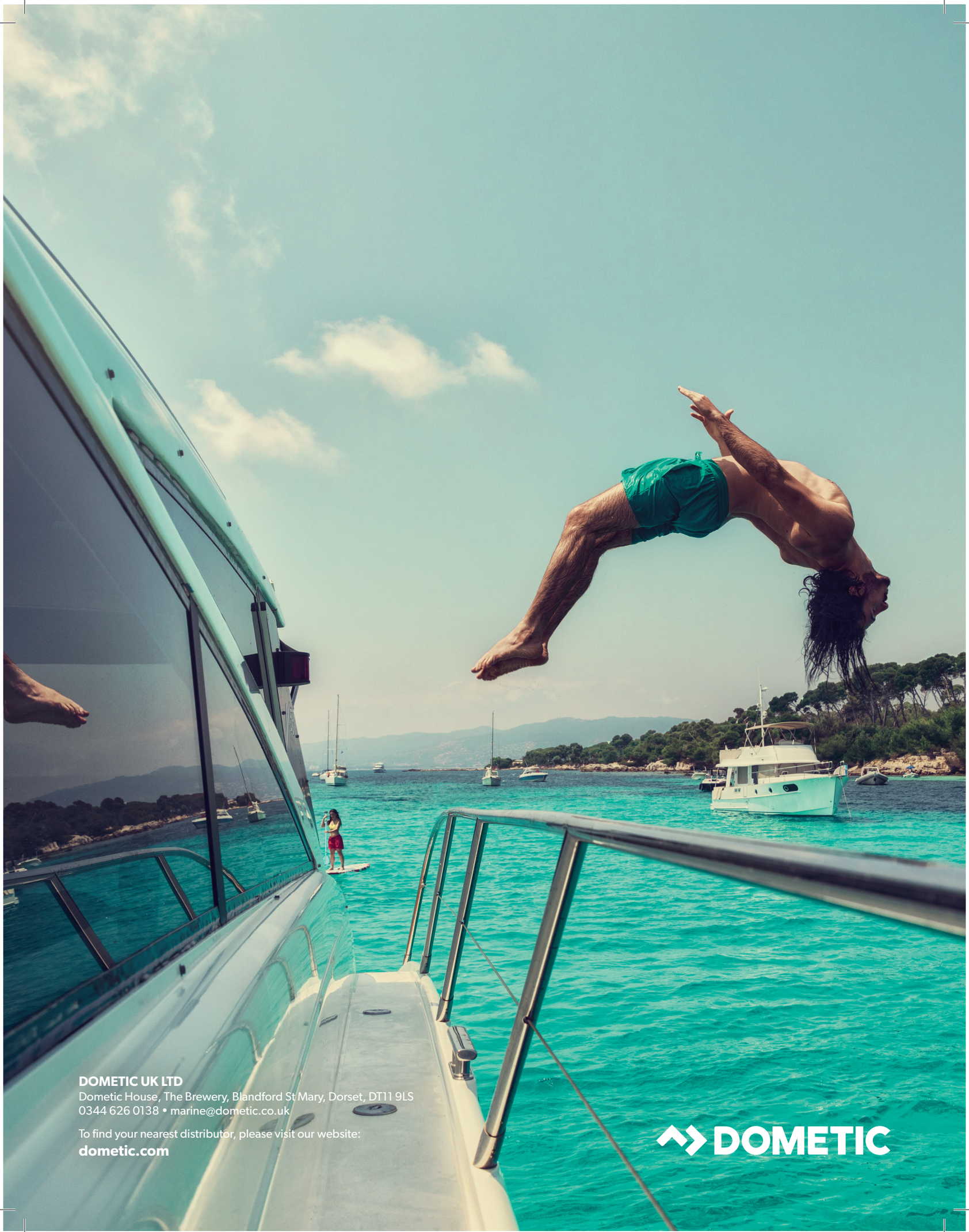




1. OPTIONAL MOUNTING TRAY

Secure the SmartStart II to the installation surface with the optional mounting tray (Model #4220045)


DOMETIC
Dometic is a global company that makes mobile living easy – by providing great solutions to satisfy people's essential needs when they are on the move. Like cooking, taking care of personal hygiene and maintaining a pleasant temperature. We offer smart and reliable products with outstanding design.



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To find your nearest distributor, please visit our website:
dometic.com

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