

CLIMATE

MCGX TITANIUM CHILLERS

Featuring a compact base design, these modules can be 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

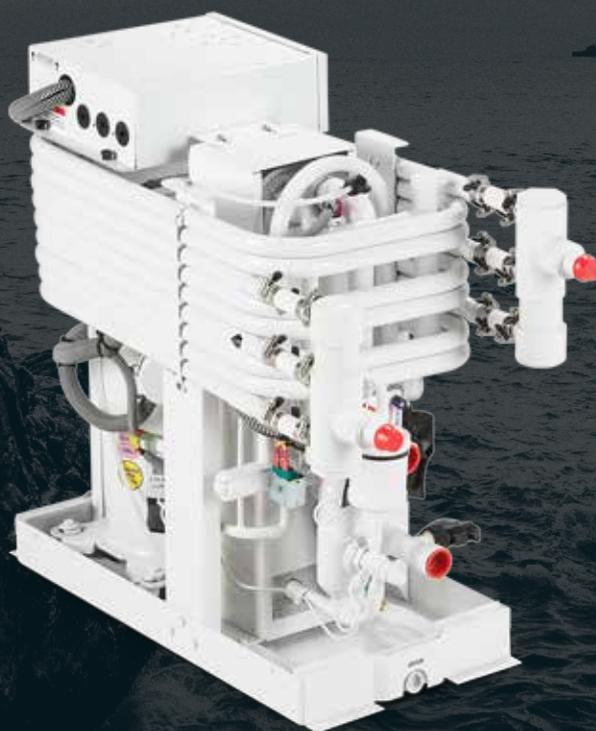
TITANIUM CONDENSER

CREATE LARGER SYSTEM

COMBINE MULTIPLE MODULES

DIAGNOSTIC CONTROLLER

MONITOR & PROTECT



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

Mobile living made easy.

 **DOMETIC**

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	230	240
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	60/1	50/1
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	17.8	17.8
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	23	23
Locked Rotor Amps (LRA) (A)	58.3	97	58	45	28	105	115	95	50	45	130	150	120	70	60	145	145
Max. Circuit Breaker (A)	45	45	29	20	18	70	75	50	27	23	90	80	50	33	30	100	100
Min. Circuit Ampacity (A)	25	28	17	13	10	43	41	27	15	12	50	48	33	19	17	57	57
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					30.7/780	
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.

Mobile living made easy.



MCGX60				MCGX72				MCGX90			MCGX120		MCGX150			MCGX180		
60000				72000				90000			120000		150000			180000		
240	230	380	460	230	230	380	460	230	380	460	230	380	230	380	460	230	380	460
60/1	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
2.2	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
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
30	123	87	70	145	160	100	87	235	110	110	267	147	304	197	147	351	239	197
60	60	40	33	90	80	42	42	100	56	42	103	60	144	86	67	168	55	86
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		
30.07/764				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

COMPACT BASE AND TITANIUM DURABILITY



1. TITANIUM TOUGH

Titanium condenser dramatically increases product lifespan



2. EXPANDABLE

Up to six modules can be staged



3. ECO-FRIENDLY

Hermetically sealed and pre-charged with environmentally friendly R410A refrigerant



4. SAFETY FEATURES

Chilled Water Flow switch, high- and low-pressure switches, high- and low-aquastat sensors are provided with the standard controls



5. EASY TO INSTALL

Can be installed in any convenient location



6. WEATHER RESISTANT

Unaffected by vibration, moisture or ambient temperatures up to 140° F/60°C