

CLIMATE

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



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

Mobile living made easy.

 **DOMETIC**

FLEXIBLE AND RELIABLE

Model ¹	MTCGX36				MTCGX48			
Capacity (BTU/h)	36000				48000			
Voltage (V) ²	230	220	230	460	220	460	380	230
Cycle (Hz)/Phase (Ph)	60/1	50/1	60/3	60/3	50/1	60/3	50/3	60/1
Full Load Amps (FLA) Cool (A)	12	12.3	8.3	5.1	14.7	5.2	5.8	13.8
Full Load Amps (FLA) Heat (A)	15.7	13.8	10.9	5.8	21.4	6.6	7.6	20.2
Locked Rotor Amps (LRA) (A)	105	115	95	45	130	60	70	150
Refrigerant Type	R410A				R410A			
Max. Height (in/mm) ³	23.5/597				23.5/597			
Width-Drain Pan (in/mm) ³	25.3/643				25.1/638			
Max. Width (in/mm) ³	33.7/856				33.5/851			
Max. Depth (in/mm) ³	12.8/326				12.7/323			
Clearance Manifold (in/mm)	5/127				5/127			
Seawater Inlet Connection (in/mm)	1/26				1/26			
Chilled Water Connection Size (in/mm)	1/26				1/26			
Chilled Water Connection Type	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' for 460V/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 at 954-973-2477.

³ All dimensions ± 0.30 in/8 mm.

MTCGX60				MTCGX72			MTCGX96	MTCGX120		
60000				72000			96000	120000		
230	230	460	380	230	460	380	230	230	460	380
60/1	60/3	60/3	50/3	60/3	60/3	50/3	60/3	60/3	60/3	50/3
17.8	11.3	5.9	8.3	14.2	7.1	10.1	20.3	25.3	12.4	15.4
23	14.8	7.4	10.8	17.9	8.9	13.3	25.5	31.3	15.3	19.2
145	123	70	87	160	87	100	235	267	142	147
R410A				R410A			R410A	R410A		
23.5/597	32.5/597	23.5/597	23.5/597	23.5/597			26.8/681	26.8/681		
25.1/638				25.1/638			33/839	33/839	33/839	39/991
33.5/851	32.1/816	33.5/851	32.1/816	32.1/816			39/991	39/991		
12.7/323				12.7/323			16.6/422	16.6/422		
5/127				5/127			6/153	6/153		
1/26				1/26			1.25/32	1.25/32		
1.25/32				1.25/32			1.5/38	1.5/38		
FPT				FPT			FPT	FPT		

FLEXIBLE AND RELIABLE



1. EXPANDABLE

Up to six modules can be staged for higher capacity



2. MAXIMUM PERFORMANCE

Thermal expansion valves optimize performance



3. WARM AIR COMFORT

Reverse-cycle heating



4. DURABLE

Titanium condenser extends service life



5. SUPERIOR CONNECTIVITY

Flexible hose improves connection alignment



6. SEAWORTHY

Stainless steel-reinforced seawater connections