

CLIMATE

TWDX TITANIUM CHILLERS

A high-performance chiller, this reverse-cycle unit cools and heats, and is available in a wide range of models.

ULTRA DURABLE
TITANIUM CONDENSER

REVERSE CYCLE
COOLS & HEATS

ADVANCED COMPONENTS
SUPERIOR PERFORMANCE



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

Mobile living made easy.

 **DOMETIC**

ENCLOSED MODULAR CHILLERS WITH A COMPACT

Model ¹	TWDX24		TWDX30			TWDX36				
Capacity (BTU/h)	24000		30000			36000				
Voltage (V) ²	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	8.5	10.3	9.1	9.6	3.9	13	8.3	5.1
Full Load Amps (FLA) Heat (A)	11.8	4.6	9.9	12	13.2	12.7	5	16.2	10.9	6.6
Locked Rotor Amps (LRA) (A)	63	45	95	63	96.7	63	45	105	95	50
Max. Circuit Breaker (A)	45	20	45	45	50	45	20	70	45	27
Min. Circuit Ampacity (A)	28	13	25	28	34	28	13	43	28	15
Refrigerant Type	R410A		R410A			R410A				
Height-Without Elec. Box (in/mm)	18.6/473		18.6/473			18.6/473				
Height-With Elec. Box (in/mm)	22.7/577		22.7/577			22.7/577				
Max. Width (in/mm) ²²	13/331		13/331			13/331				
Depth-Drain Pan (in/mm) ²²	18/458		18/458			18/458				
Max. Depth (in/mm) ²	19.1/486		19.1/486			19.1/486				
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 For information about voltages not shown in this sheet, please contact Dometic Marine sales at 954-973-2477.

² All dimensions ±0.30 in/8 mm.

FOOTPRINT AND REMOTE ELECTRICAL BOX

	TWDX48					TWDX60					TWDX72			
	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	10.1	5.8	5.9	16.9	22.3	11.3	7.0	20.1	14.2	7.1	9.5
	6.6	20.2	21.4	12.7	7.6	7.4	24	29.1	14.8	8.8	29.3	17.9	8.9	11.8
	60	150	130	120	70	70	145	130	123	87	145	160	87	100
	30	80	80	50	30	33	100	100	60	40	90	80	42	42
	17	48	48	33	19	19	57	57	34	24	53	45	24	24
	R410A					R410A					R410A			
	23.3/592					23.3/5992					23.3/592			
	27.5/699					27.5/699					27.5/699			
	13/338					13/338					13/338			
	18/458					18/458					18/458			
	23.1/587					23.1/587					23.1/587			
	1.25/32					1.25/32					1.25/32			
	1/26					1/26					1/26			
	1/26					1/26					1/26			
	FPT					FPT					FPT			

ENCLOSED MODULAR CHILLERS WITH A COMPACT FOOTPRINT



1. EXPANDABLE

Units can be multiplexed for larger capacity



2. SEAWORTHY

Stainless steel-reinforced seawater connections



3. SERVICEABLE

Service ports accessible from outside the chiller cabinet



4. INNOVATIVE DESIGN

Inlet and outlet CW temperature sensors



5. SPACE SAVING

Compact footprint installation flexibility