

FLOW MARINE SYSTEMS

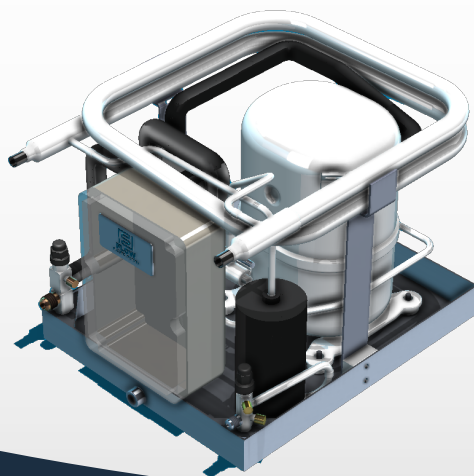
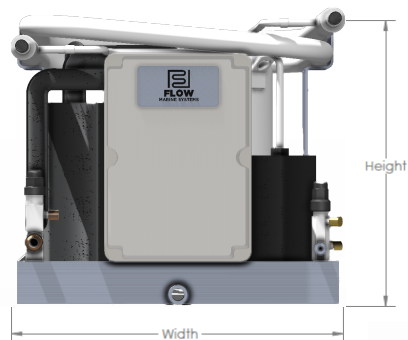
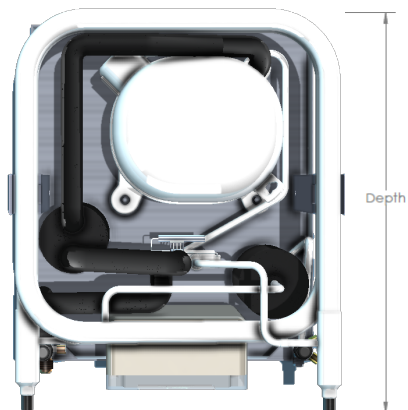
DX - CONDENSER



- **Compatible with most popular displays.**
- **Reverse cycle condensers for cooling and heating in marine applications.**
- **Drop in replacement for R-22 and 417A.**
- **Fully welded titanium coils.**
- **Stainless steel 316L chassis and drain pan.**
- **Capacity range from 7K to 48 Btu/h.**
- **Reciprocating compressors from 7K to 36K Btu/h.**
- **48K Btu/h Scroll Compressors.**
- **Modulating units are available from 30k to 42K Btus.**

FMDX and FMDXM (modulating) units are designed for direct replacement of most of the brands in the marine market, foot print designed to fit existing rack systems. Contact Flow Marine sales team to assure that refrigerant, temperature sensor and display will match existing condenser unit.

**2 YEARS WARRANTY
PARTS AND LABOR**



DX-CONDENSER SPECIFICATION TABLE

Condenser Model:	FMDX7	FMDX10	FMDX12	FMDX16	FMDX24	FMDX30	FMDX36	FMDX48
Height	12 3/4" 324mm	12 3/4" 324mm	12 3/4" 324mm	12 3/4" 324mm	15" 381mm	15" 381mm	15" 381mm	15" 381mm
Width	12 1/8" 308mm	12 1/8" 308mm	12 1/8" 308mm	12 1/8" 308mm	17" 432mm	17" 432mm	17" 432mm	17" 432mm
Depth	17" 432mm	17" 432mm	17" 432mm	17" 432mm	20" 508mm	20" 508mm	20" 508mm	20" 508mm
Seawater	5/8" 16mm	5/8" 16mm	5/8" 16mm	5/8" 16mm	5/8" 16mm	5/8" 16mm	5/8" 16mm	5/8" 16mm
Discharge Line	1/4" 7mm	1/4" 7mm	1/4" 7mm	1/4" 7mm	3/8" 10mm	3/8" 10mm	3/8" 10mm	3/8" 10mm
Suction Line	3/8" 10mm	3/8" 10mm	3/8" 10mm	3/8" 10mm	1/2" 13mm	3/4" 20mm	3/4" 20mm	3/4" 20mm

Condenser Model:	FMDX7	FMDX10	FMDX12	FMDX16	FMDX24	FMDX30	FMDX36	FMDX48
Nom. Capacity (BTU/h)	7,000	10,000	12,000	16,000	24,000	30,000	36,000	48,000
Voltage (Volts)	115 - 230 240	115 - 230 240	115 - 230 240	115 - 230 240	230 220 - 380	230 220	230 - 460 220 - 380	230 - 460 220 - 380
Cycle (Hz) / Phase (Ph)	60/1 50/1	60/1 50/1	60/1 50/1	60/1 50/1	60/1 - 60/3 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
Full Load Amps (FLA) Cool (A)	7 - 3.3 3	6.1 - 4.8 4.6	7.9 - 5.9 5.2	11.5 - 5.4 6.8	7 - 4.8 6.9 - 3.2	7.7 - 5.9 8.7	9.7 - 3.5 9.8 - 4	11 - 4.3 12 - 5.5
Full Load Amps (FLA) Heat (A)	7.7 - 4 3.7	8.2 - 5.7 5.6	9.1 - 6.8 5.8	13.5 - 6.4 8.0	8.6 - 6.2 8.5 - 4.1	9.6 - 6.6 11.0	12 - 4.0 12 - 5.1	17 - 5.7 17 - 6.5
Locked Rotor Amps (LRA) (A)	34 - 20 16	47 - 28 26	50 - 34 31	75 - 36 35	60 - 58 55 - 30	61 - 58 70	73 - 36 76 - 42	104 - 48 133 - 60
Max. Circuit Breaker (A)	20 10	30 15	35 - 20 10	40 - 15 20	35 - 25 30 - 10	40 - 25 35	45 - 30 40 - 15	60 - 45 60 - 20
Min. Circuit Ampacity (A)	13 7	18 11	21 - 13 9	25 - 11 13	22 - 15 19 - 8	24 - 17 22	28 - 10 24 - 11	39 - 12 38 - 14
Refrigerant Type	R-407C	R-407C	R-407C	R-407C	R-407C	R-407C	R-407C	R-22



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