

CX & VX SERIES REFRIGERATION

The Dometic CX & VX range offers flexible, high-performance refrigeration tailored to your onboard needs. With a wide choice of evaporators and compact condensing units, it's easy to configure the perfect cooling setup, whether you're upgrading an existing box or fitting out a new build.

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CUSTOM COOLING YOUR WAY.

The Dometic CX & VX series delivers tailored cooling power for every boat and every box. With compact condensing units and versatile evaporators, the system adapts seamlessly to volumes from 50 to 400 L. Precision digital control, reliable quick-connect couplings and low-GWP refrigerant* make installation simple and performance dependable. Whether for a compact galley fridge or a high-capacity fish box, CX & VX gives you the flexibility to design refrigeration that's as individual as your voyage.

Benefits with CX & VX Series

- Flexible combinations of condensing units and evaporators to suit boxes from 50 - 400 L.
- Reliable quick-connect couplings for fast, secure installation.
- Compact compressor units designed for tight marine spaces.
- Modern roll-bond evaporators with clean faceplate design for seamless integration.
- Precision digital temperature control with high-accuracy NTC sensor.
- Energy-efficient performance with low-GWP refrigerant* (R1234yf).
- Suitable for both new builds and retrofit upgrades.
- Multiple evaporator formats (flat, O-box, fan-cooled, freezer) to match any compartment.

Volume Range	50 - 400 L (depending on CX unit and VX evaporator pairing)
Refrigerant	R1234yf
Control System	Digital display (internal or external mount) NTC temperature sensor
Cooling Method	Remote compressor + evaporator plate system with spring couplings
Power Supply	12/24 V DC
Installation	Universal fit, horizontal or vertical mounting, professional or DIY
Condensing Units	CX100 (<100 L) CX250 (<250 L) CX400 (<400 L)
Evaporators	VX series: flat roll-bond, O-box, fan-cooled, freezer variants

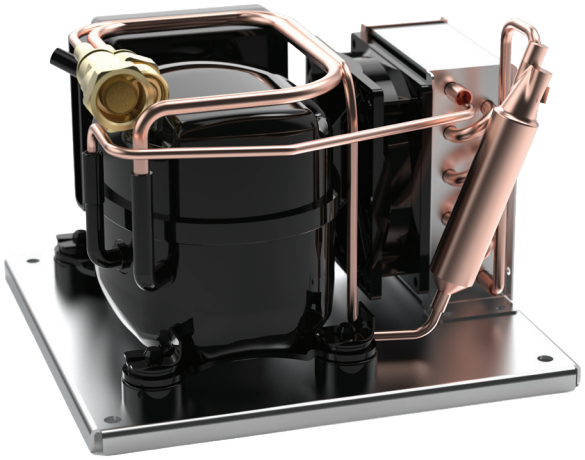
DOMETIC CX & VX RANGE OVERVIEW

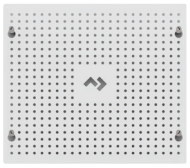
Condensing Unit	Capacity	Compatible Evaporators			Control & Monitoring
		Flat Roll-Bond	O-Box Roll-Bond	Fan Cooled	
CX 100	Up to 100 L (3.5 cu ft)	VX 50	VX 100-O	-	Digital Display & NTC Sensor Internal or external mounting; precise °C / °F control
		VX 100			
CX 250	Up to 250 L (8 cu ft)	VX 150	VX 250-O	VX 200F	
		VX 250			
CX 400	Up to 400 L (14 cu ft)	VX 300	VX 400-O	VX 150FZ	
				VX 400F	

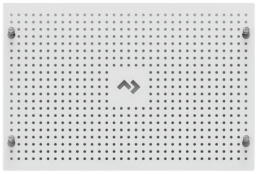
*GWP = Global Warming Potential refers to the global warming potential should a gas be emitted into the atmosphere. The higher the GWP value, the more harmful the gas's impact on the environment.

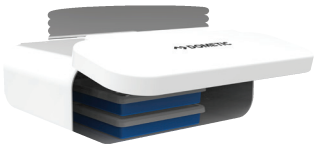
MODULAR SYSTEM MAXIMUM EFFICIENCY.

CONDENSING UNITS FOR VOLUMES UP TO 100 LITRES / 3.5 CU FT	
MODEL	**CX100**
SKU	9630000213
Max. Cooling Capacity (L / cu ft)	100 / 3.5
Connection Voltage	12/24 V DC
Power Consumption (Rated Max W)	70
Refrigerant Type	r1234yf
Global Warming Potential (GWP)	0.501
Refrigerant Quantity (g)	30
CO2 Equivalent (tCO2)	0.000015
Dimensions (W x D x H) (MM)	195 x 200 x 141
Weight (kg)	3.6





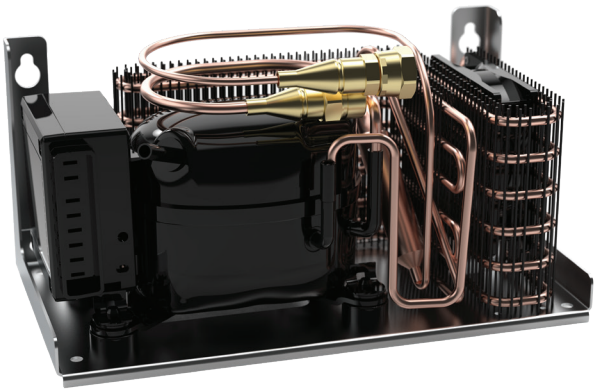


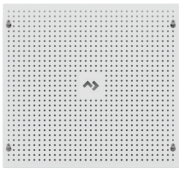


COMPATIBLE EVAPORATORS WITH CX 100 CONDENSOR UNIT						
Model	**VX 50**		**VX 100**		**VX 100-O**	
SKU	9630000219		9630000220		9630000224	
Unit Type	Roll-bond capillary plate					
Type of Cooling Compartment	Fridge	Freezer	Fridge	Freezer	Fridge	Freezer
Max. Cooling Capacity at 35 mm PU	35	12	70	24	70	24
Max. Cooling Capacity at 50 mm PU	50	17	100	35	100	35
Max. Cooling Capacity at 100 mm PU	80	27	180	60	180	60
Internal Freezer Volume (m3)	-				4.5	
Connection Voltage	12/24 V DC					
Power Consumption (Rated Max W)	72		65		60	
Refrigerant Type	r1234yf					
Global Warming Potential (GWP)	0.501					
Refrigerant Quantity (g)	10		15			
CO2 Equivalent (tCO2)	0.000005		0.000008		0.000008	
Pipe Length (m)	2.2					
Connection Type	Spring Coupling					
Dimensions (W x H x D) (MM)	275 x 240 x 30		375 x 250 x 30		271 x 214 x 124	
Weight (kg)	0.6		0.7		1.2	

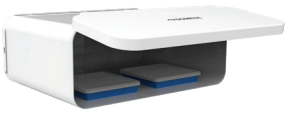
CUSTOM COOLING YOUR WAY.

CONDENSING UNITS FOR VOLUMES UP TO 250 LITRES / 8 CU FT	
MODEL	**CX250**
Max. Cooling Capacity (L / cu ft)	250
Connection Voltage	12/24 V DC
Power Consumption (Rated Max W)	75
Refrigerant Type	r1234yf
Global Warming Potential (GWP)	0.501
Refrigerant Quantity (g)	35
CO2 Equivalent (tCO2)	0.000018
Dimensions (W x D x H) (MM)	290 x 156 x 144
Weight (kg)	4.4







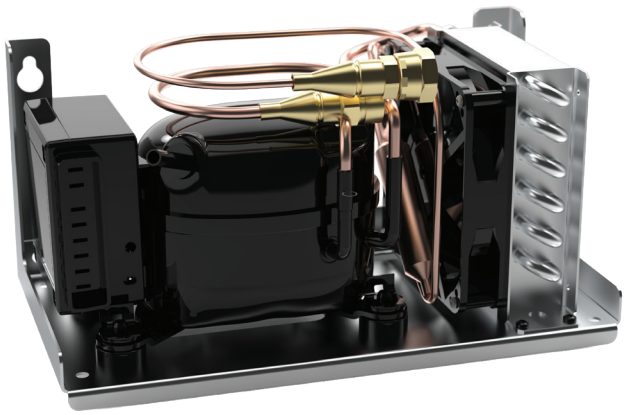




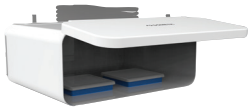
COMPATIBLE EVAPORATORS WITH CX 100 CONDENSOR UNIT							
Model	**VX 150**		**VX 250**		**VX 250-O**		**VX 200F**
SKU	9630000221		9630000222		9630000225		9630000227
Unit Type	Roll-Bond Capillary Plate						Fan Cooled Evaporator
Type of Cooling Compartment	Fridge	Freezer	Fridge	Freezer	Fridge	Freezer	Fridge
Max. Cooling Capacity at 35 mm PU	100	35	150	50	125	40	130
Max. Cooling Capacity at 50 mm PU	150	50	250	85	250	80	200
Max. Cooling Capacity at 100 mm PU	270	90	400	130	350	115	300
Internal Freezer Volume (m3)	-				13		-
Connection Voltage	12/24 V DC						
Power Consumption (Rated Max W)	73		95		68		75
Refrigerant Type	r1234yf						
Global Warming Potential (GWP)	0.501						
Refrigerant Quantity (g)	15				20		15
CO2 Equivalent (tCO2)	0.000005		0.000008		0.000010		0.000008
Pipe Length (m)	2.2						
Connection Type	Spring Coupling						
Dimensions (W x H x D) (MM)	375 x 350 x 30		780 x 270 x 15		378 x 274 x 172		221 x 318 x 67
Weight (kg)	0.9		1.1		1.8		1.9

MODULAR SYSTEM MAXIMUM EFFICIENCY.

CONDENSING UNITS FOR VOLUMES UP TO 250 LITRES / 8 CU FT	
MODEL	**CX400**
Max. Cooling Capacity (L / cu ft)	400
Connection Voltage	12/24 V DC
Power Consumption (Rated Max W)	80
Refrigerant Type	r1234yf
Global Warming Potential (GWP)	0.501
Refrigerant Quantity (g)	35
CO2 Equivalent (tCO2)	0.000018
Dimensions (W x D x H) (MM)	290 x 156 x 144
Weight (kg)	4.1











COMPATIBLE EVAPORATORS WITH CX 400 CONDENSOR UNIT						
Model	**VX 300**		**VX 400-O**		**VX 400F**	**VX 150FZ**
SKU	9630000223		9630000226		9630000228	9630000229
Unit Type	Roll-Bond Capillary Plate				Fan Cooled Evaporator	
Type of Cooling Compartment	Fridge	Freezer	Fridge	Freezer	Fridge	Freezer
Max. Cooling Capacity at 35 mm PU	180	60	200	65	250	60
Max. Cooling Capacity at 50 mm PU	300	100	400	130	400	100
Max. Cooling Capacity at 100 mm PU	500	160	500	160	500	150
Internal Freezer Volume (m3)	-		17		-	
Connection Voltage	12/24 V DC					
Power Consumption (Rated Max W)	70		73		80	75
Refrigerant Type	r1234yf					
Global Warming Potential (GWP)	0.501					
Refrigerant Quantity (g)	25		30		15	70
CO2 Equivalent (tCO2)	0.000013		0.000015		0.000008	0.000035
Pipe Length (m)	2.2					
Connection Type	Spring Coupling					
Dimensions (W x H x D) (MM)	1370 x 305 x 15		397 x 304 x 187		221 x 318 x 67	379 x 380 x 143
Weight (kg)	1.9		2.1		1.9	3.4

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