



ECO₂ Mini ***CO₂ Condensing Unit***



Advantages of ECO₂ Series

-  *Faster lead times*
-  *More economical than custom*
-  *Pre-engineered systems*
-  *Highly reliable, repeatable designs*

Capabilities of Kysor Warren Epta US

-  *A worldwide refrigeration leader*
-  *Thousands of installations in 20 years*
-  *Training, start-up and service*
-  *Innovative modules for efficiency*

Why Choose a CO₂ System

-  *Migrate to natural refrigerants early in the phase down process*
-  *Reduce exposure to HFC phasedown and refrigerant-management requirements*
-  *Natural, non-flammable refrigerant with established safety classifications when properly designed, installed and serviced.*

Applications

-  *Retail grocery stores*
-  *Convenience stores*

Design Configuration

-  *Indoors*
-  *Outdoors*



ECO2 Mini



Compressor



Carel Controller



Flash Tank



Oil Separator



Variable Frequency Drive



Gas Cooler

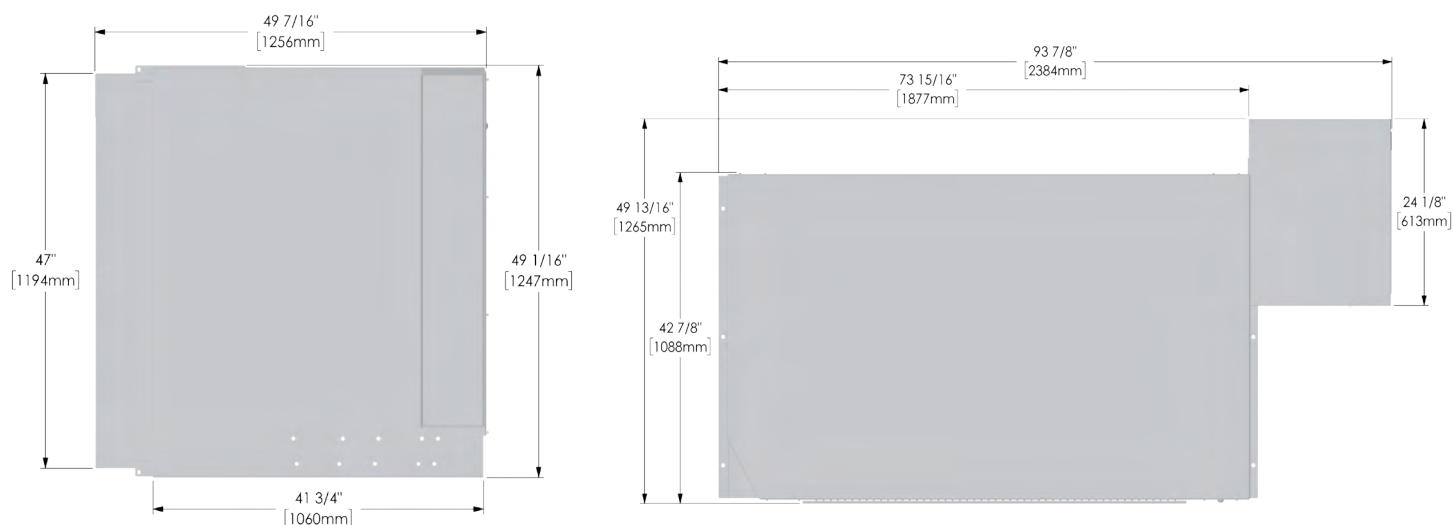
Standard

- 10 Standard Models
- Carel Controller
- VFD compressor capacity control, 25-60 Hz
- Coalescing Oil Separator
- Dorin Compressors
- Three field-installed PRV subassembly sets ship loose
- 90 bar design pressure for MT suction, LT suction and flash tank; 120 bar gas-cooler design pressure
- ECM Fan
- Integrated Gas Cooler
- Sight Glasses on Tanks
- 208-230V/3/60 + N and 460V/3/60

Model Number	Voltage	Temp.	Nominal Capacity	MCA	MOPD
ED-010-040-CM-4-OXV	460/3/60	MT	40 kBTU/h	23.2	30
ED-010-070-CM-4-OXV	460/3/60	MT	70 kBTU/h	45.3	60
ED-010-100-CM-4-OXV	460/3/60	MT	100 kBTU/h	52.0	70
ED-010-040-CM-2-OXV	230/3/60+N	MT	40 kBTU/h	42.5	60
ED-010-070-CM-2-OXV	230/3/60+N	MT	70 kBTU/h	69.7	100
ED-010-100-CM-2-OXV	230/3/60+N	MT	100 kBTU/h	99.8	150
ED-100-040-CL-4-OXV	460/3/60	LT	40 kBTU/h	26.1	30
ED-100-070-CL-4-OXV	460/3/60	LT	70 kBTU/h	49.4	70
ED-100-040-CL-2-OXV	230/3/60+N	LT	40 kBTU/h	48.5	70
ED-100-070-CL-2-OXV	230/3/60+N	LT	70 kBTU/h	93.8	140

Overall dimensions: LxDxH/ Weight -- 94" x 50" x 50" / Estimated Shipping Weight: 1,900 lb Estimated Dry Weight: 1,700 lb

Note: Nominal capacities are listed in the table. Capacities at different conditions can be found in the ECO2 Mini&O Manual on the Kysor Warren website. Please contact a member of the Kysor Warren Applications Engineering Team or see the &O manual for more specific technical product details.





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