ECO2 Small
CO2 Transcritical System



KYSOR WARREN
epta refrigeration

Advantages of ECO_2 Series

- Faster lead times
- More economical than custom
- Highly reliable, repeatable designs

Capabilities of Kysor Warren Epta US

- A world-wide refrigeration leader
- 1000's of installations in 20 years
- Innovative modules for efficiency

Why Choose a CO_2 System

- Migrate to natural early in the phase-down
- Low-cost, safe, non-flammable refrigerant
- Avoid the complexity of new regulations
- Simplify refrigerant management

Applications

- Retail grocery stores
- Convenience Stores

Design Configuration

- Central/Distributed
- Indoor/Outdoor

Standard

- Convenient pressure gauges & sight glasses
- 60 or 90-bar designs
- Coalescing discharge oil separator
- Phase loss monitor
- Bypasses for service
- De-superheat MT/LT and liquid injection MT
- 208/230V, 460V, 575V options available
- Air or adiabatic cooler
- Variable capacity controls
- Suction filter/drier per compressor group
- Vibration isolators integrated into frame
- PRV Manifold installed on unit
- Sound proofing

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Options

- CO2 Charge Protector™
- VFD & digital modulation
- Control Systems: Copeland & Danfoss
- 90 Bar. LT and MT Bitzer
- 45 Bar. LT Copeland Scroll. MT Bitzer

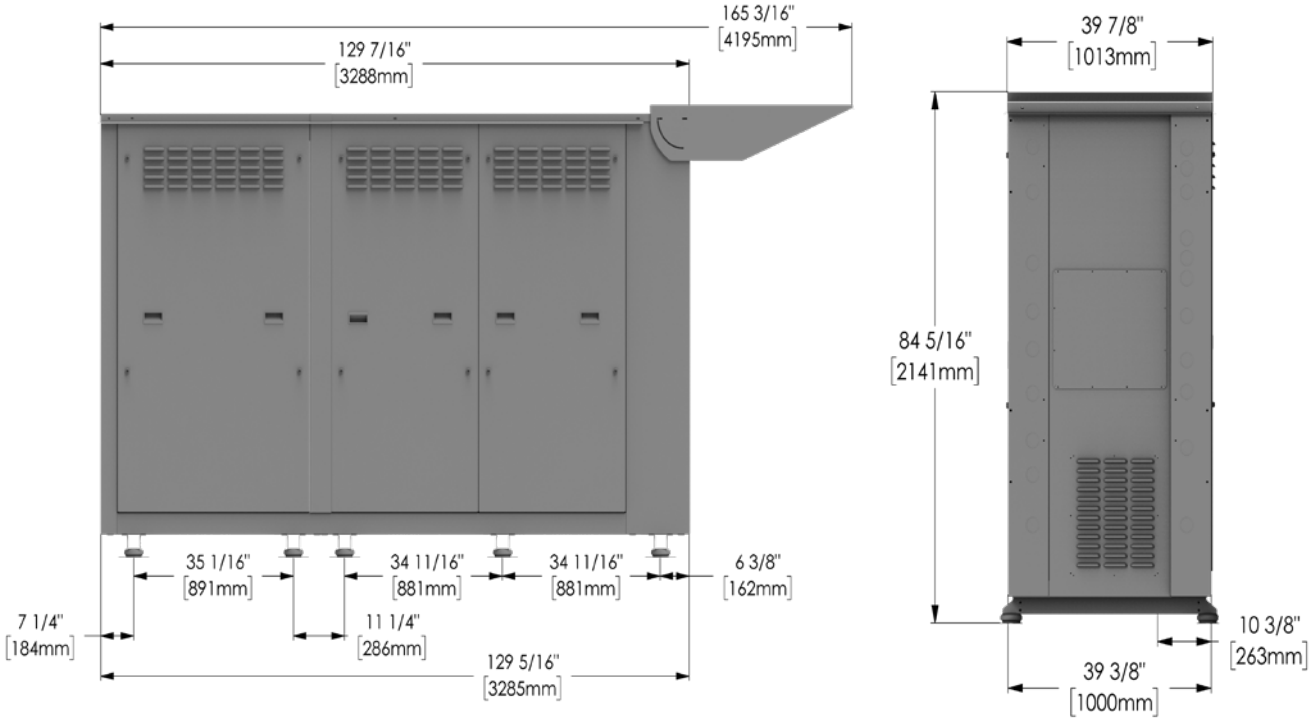
Model Information

Nominal Capacity	Temp.	MCA/MOPD	
(MT Only)	(MT Only)	208/230V	460V
0 x 150	0 x 2	128 / 175	70 / 90
0 x 200	0 x 2	181 / 250	76 / 90
0 x 250	0 x 2	184 / 250	100 / 125
0 x 300	0 x 2	226 / 300	128 / 175
0 x 350	0 x 2	237 / 300	129 / 150
0 x 400	0 x 2	271 / 350	146 / 200
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Nominal Capacity	Temp.	MCA/MOPD	
(LT x MT)	(LT x MT)	208-230V	460V
30 x 150	1 x 2	194 / 250	104 / 125
30 x 200	1 x 2	196 / 250	111 / 150
30 x 250	1 x 2	237 / 300	133 / 175
30 x 300	1 x 2	249 / 300	135 / 175
30 x 350	1 x 2	283 / 350	152 / 200
50 x 150	1 x 2	230 / 300	122 / 150
50 x 200	1 x 2	266 / 350	135 / 175
50 x 250	1 x 2	275 / 350	152 / 200
50 x 300	1 x 3	296 / 350	159 / 200
50 x 350	1 x 3	318 / 400	176 / 225
100 x 200	2 x 3	335 / 400	176 / 200
100 x 250	2 x 3	310 / 350	165 / 200
120 x 350	2 x 3	310 / 350	240/300

Dimensions: 119 x 31 x 76 inches | Weight = @4,200 lbs. with exterior enclosure

Notes: Capacities and electrical data are based on the following: LT: -22°F , SST, and MT: +18°F SST.
Air cooled gas cooler with 90° F outlet temperature, gas cooler is powered.



ECO2Mini Field Photos





