



Carbo-Duct™ Frost Free Fan Air Vaporizer

Thermax's all new "Frost-Free" Fan Air **Carbo-Duct™** Vaporizers feature a breakthrough finned heat exchanger element design. Ultra high fin efficiency, compactness and maximum heat transfer surface area per unit length combine to produce high performance vaporization.



Carbo-Duct™ Vaporizers

features Frost Free Continuous Operation that is achieved on carbon dioxide service – a first for any industrial gas ambient vaporizer. Flow balance in the Carbo-Duct™ is optimized with Thermax Therma-Jet™ Injectors (Patent Pending).

With no switching valves or timers, the frost-free Carbo-Duct™ offers superior reliability over any other continuous service CO₂ vaporizer.

Carbo-Ducts also feature all 300 series stainless steel wetted material for corrosion resistance and cleanliness of process fluid.

Standard Features:

- ⊘ Continuous Service/Frost-Free, No Switching Required.
- ⊘ Simple Auto-Start-Stop Control.
- ⊘ Simple Installation-Ground Level Or Overhead Mount.
- ⊘ ASME/ANSI, CRN, PED, CE STD Codes compliance.
- ⊘ Stainless Steel Lined

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Continuous CO ₂ Rating						
MODEL	50°F(10°C) Air	55°F (13°C) Air	60°F (15°C) Air	Dimensions	Weight	Fan H.P.
CO2DKT-15	310#/Hr (140kg/Hr)	325#/Hr (150kg/Hr)	350#/Hr (160kg/Hr)	30"W x 32"H x 120"L	675 lbs (306 kg)	1.5
CO2DKT-30	700#/Hr (310kg/Hr)	750#/Hr (340kg/Hr)	800#/Hr (360kg/Hr)	44"W x 48"H x 122"L	1,250 lbs (567 kg)	3
CO2DKT-60	1,400#/Hr (620kg/Hr)	1,500#/Hr (680kg/Hr)	1,600#/Hr (720kg/Hr)	88"W x 48"H x 122"L	2,500 lbs (1,134 kg)	6
CO2DKT-120	2,800#/Hr (1,240kg/Hr)	3,000#/Hr (1,360kg/Hr)	3,200#/Hr (1,440kg/Hr)	88"W x 96"H x 122"L	5,000 lbs (2,268 kg)	12
Utilizes Thermax Prestrol™ to increase performance (Patent Pending)						



MODEL	WATTS	SCFH				
		O ₂ /N ₂ /Air	Ar/He	H ₂	CO ₂	CO
TT0.5B	500	925	1300	935	735	930
TT1B	1000	1850	2600	1875	1470	1860
TT2B	2000	3700	5200	3750	2940	3720
TT3B	3000	5550	7800	5625	4410	5580

All tables shown on this Datasheet are intended as a guide that reflect our experience on these models. Please call Thermax Inc. Actual performance may vary. This product and/or data was designed and/or developed by Thermax Inc. and shall not be used in any way injurious to the interests of Thermax Inc. Thermacast™ is a Thermax Inc. Trademark.

Note: Thermax Vaporizers can be used to heat practically any gas. Call Thermax Inc. and talk to an Engineer about your application.