

RENTAL SERVICES

Trane Voyager® with Gas Heat


General - CSDX0025F5

Nominal Cooling Tons	25
Heating Capacity (Input/Output)	250,000/200,000 Btu/h^{1,2}
Refrigerant	R-410A
Refrigerant Charge (Ckt1/Ckt2)	10.5 lbs/10.5 lbs
Ambient Operating Conditions	0°F – 115°F
Number of Electrical Circuits	1
Number of Refrigerant Circuits	2
Number of Compressors	2

Electrical Data - Circuit Breaker Style Disconnect

Voltage	460V 3 Phase
Frequency	60Hz
Wire Connection Type	Series 16 Cam Type Only
SCCR	5000A
Minimum Circuit Ampacity (MCA)	59A
Maximum Overcurrent Protection (MOP)	70A
Cooling Only FLA	50.7A
Heating Only FLA	11.8A

¹Gas Heat – Machine will come with factory fitted gas valve to orifice plate only. Trane does not provide any gas piping, fittings, regulators required to connect to machine. When gas heat is utilized, Trane Startup is required.

²Unit will ship from Trane ready to operate with Natural Gas. LP Kit available for field installation only. Unit must be returned to NG prior to returning the machine to TRS.

Air Flow Data

Supply Motor	7.5 HP
Nominal CFM	10,000
Min/Max CFM	7,000 – 11,000
Max ESP @ Nominal	0.5"
Supply Air Connection Qty/Size	(2) 20"
Return Air Connection Qty/Size	(2) 20"
MERV-8 Throwaway Filters	(8) 20"x25"x2"
150' Max Supply/Return Duct Run @ 7000 CFM	
75' Max Supply/Return Duct Run @ 10,000 CFM	

Dimension and Weights

Length	10' 11.5"
Width	8' 0"
Height	5' 1.25"
Shipping Weight	3,660 lbs
Fork Pocket Dimensions	7.625" x 2.625"
Center to Center Distance of Fork Pockets	32"

Lifting Device: Forklift or Crane

Cooling Performance*

CFM	EDB (°F)	EWB (°F)	Δ Temp Across Coil (°F)	Sensible Capacity (MBh)	Latent Capacity (MBh)	Total Capacity (MBh)
7000	80	67.0	26.3	198.8	77.3	276.1
	85	72.5	25.4	192.0	106.8	192.0
	90	78.5	23.7	178.9	140.5	319.4
8000	80	67.0	24.7	213.7	66.7	280.4
	85	72.5	23.8	205.8	95.7	301.5
	90	78.5	22.2	191.6	130.0	321.6
9000	80	67.0	23.5	228.6	56.0	284.7
	85	72.5	22.6	219.5	84.6	304.1
	90	78.5	21.0	204.2	119.6	323.8
10000	80	67.0	22.5	243.4	44.7	288.0
	85	72.5	21.5	232.3	73.9	306.2
	90	78.5	20.1	216.8	108.5	325.3
11000	80	67.0	21.7	258.0	32.6	290.6
	85	72.5	20.6	244.9	63.7	308.6
	90	75.5	19.3	229.6	96.8	326.4

*All performance assumes 95°F Ambient Temperature.

Heating Performance

CFM	Δ Temp Across Heater (°F)
7000	26.3
8000	23.0
9000	20.5
10000	18.4
11000	16.8

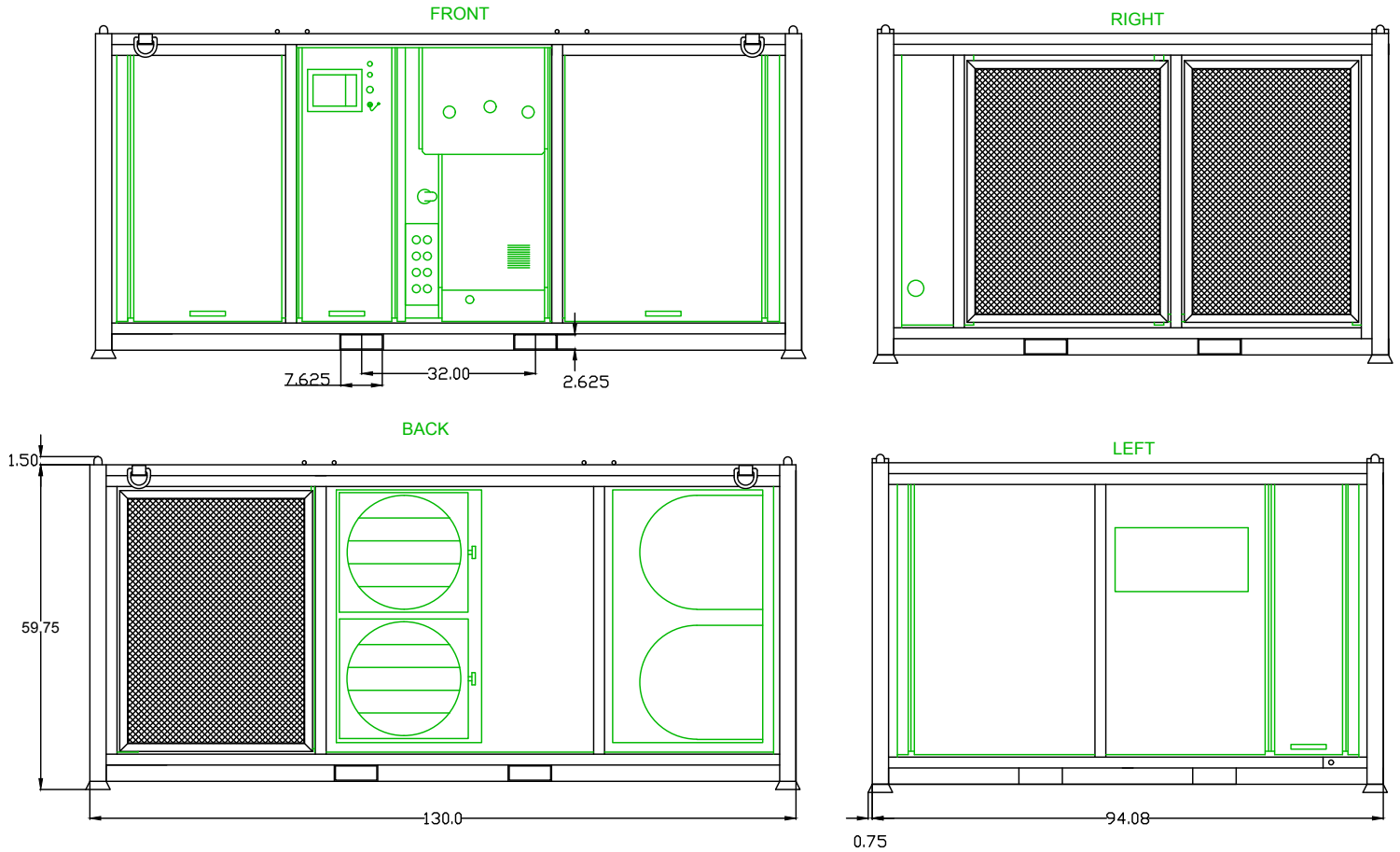
Features

- Hot Gas Bypass
- Incoming/Outgoing Power Daisy Chain Capable
- Phase & Under/Over Voltage Protection
- Run Hour Meter
- Reliatel Trane Controls
- Series 16 Cam Type Electrical Connectors
- Low Ambient Down to 0°F
- Two Stage Cooling & Heating
- Unit Mounted Thermostat w/ Remote Option
- Constant Volume Fan w/ Field Adjustable Sheave

Evaporator Fan Performance for CSDX0025F5

cfm	0.10		0.20		0.30		0.40		0.50		0.60		0.70		0.80		0.90		1.00		1.10		1.20		1.30		1.40		1.50		
	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp	rpm	bhp			
7.5-hp Standard Motor & Drive																															
7000											694	3.19	716	3.38	738	3.58	760	3.79	783	4.01	805	4.24	827	4.47	849	4.69	869	4.91			
7500										704	3.57	725	3.76	746	3.94	757	4.15	787	4.36	807	4.57	828	4.82	850	5.06	871	5.31				
8000																															
8500																															
9000	717	4.63	740	4.86	763	5.14	785	5.43	804	5.66	823	5.89	841	6.12	859	6.34	877	6.57													
9500	752	5.38	777	5.68	799	5.97	818	6.23	838	6.50	856	6.76	874	7.00																	
10000	791	6.27	814	6.56	834	6.86	854	7.16	872	7.43																					
10500	828	7.23	850	7.55	869	7.80																									
11000	867	8.33																													

Unit Drawings



24hr Trane Rental Customer Service:
800-755-5115

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