



Tranquility® 30 (TE) Premier Efficiency Series

Models TED/H/V 026 - 072 60Hz - HFC - 410A

The Tranquility® 30 Premier Efficiency Series delivers the ultimate in efficiency, comfort, reliability and serviceability – intelligently driven by the iGate®, the industry's first two-way communicating control, two-stage compressor, variable speed fan and industry-first vFlow® internal variable water flow components. The Tranquility® 30 also delivers reliable operation, lower operating cost and compact installation.

Advantages of the Digital TE Series:

Standard Features:

- All sizes 026 (2 ton) through 072 (6 tons) exceed ASHRAE 90.1 efficiencies
- Communicating DXM2.5 controls for reduced start-up, commissioning, and service time
- Unique double isolation compressor mounting quiet operation
- Eight standard safeties
- Field convertible supply air arrangement (horizontal configurations only)
- Sound absorbing glass fiber insulation
- Intelligent variable speed CV ECM fan motors for precise airflow control and soft start feature
- Part load operation significantly lowers annual operating costs
- Galvanized steel construction with black matte polyester powder coat paint
- Stainless steel drain pan
- Copeland UltraTech™ two-stage scroll compressors

Configurable Options

- Internally mounted variable speed water pumps for geothermal and single pipe applications
- Internally mounted modulating water valves that vary water flow for maximized central pumping efficiency
- MPC controls for interfacing with BACnet, Modbus, and N2 building management systems
- Extended range insulation for geothermal applications
- Industry leading UltraQuiet sound attenuation package
- ClimaDry® modulating condenser hot water reheat dehumidification
- iGate 2 thermostats for remote monitoring, adjustments, and diagnostics via myUplink mobile app and website

Tested To ASHRAE/AHRI/ISO 13256-1 English (I-P) Units

Model	Water Loop Heat Pump				Ground Water Heat Pump				Ground Loop Heat Pump			
	Cooling 86°F		Heating 68°F		Cooling 59°F		Heating 50°F		Full Cool 77°F Part Cool 68°F		Full Heat 32°F Part Heat 41°F	
	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP
TE026 Part	19,200	19.8	23,600	7.0	22,000	34.1	19,000	5.8	20,800	28.0	16,800	5.0
TE026 Full	25,000	17.4	31,400	6.0	28,500	26.4	25,800	5.3	26,000	19.9	20,200	4.1
TE038 Part	27,400	20.1	32,600	6.5	30,700	34.4	27,300	5.5	29,700	29.6	23,800	4.8
TE038 Full	37,700	17.9	45,700	5.8	42,100	26.1	37,900	5.2	39,000	20.3	29,700	4.4
TE049 Part	36,300	18.8	42,200	6.1	41,800	32.9	34,800	5.0	39,100	27.4	29,800	4.4
TE049 Full	48,600	16.8	56,700	5.1	55,000	25.3	46,800	4.6	49,600	19.3	36,400	4.0
TE064 Part	46,300	18.7	54,700	6.0	53,100	32.4	44,000	5.0	51,200	26.7	38,100	4.4
TE064 Full	61,500	16.2	77,400	5.4	71,500	24.4	63,200	4.8	66,200	18.8	48,700	3.9
TE072 Part	53,000	16.8	64,600	5.2	60,800	28.6	53,200	4.5	58,100	23.2	46,000	3.9
TE072 Full	68,300	15.1	85,300	4.8	77,700	22.5	71,400	4.4	71,700	16.9	55,800	3.7

Cooling capacities based upon 80.6°F DB, 66.2°F WB entering air temperature

Heating capacities based upon 68°F DB, 59°F WB entering air temperature

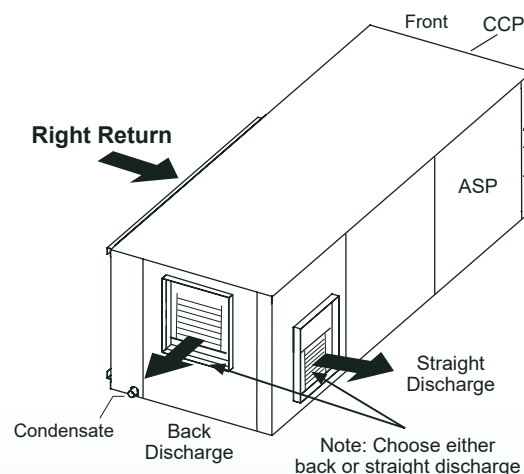
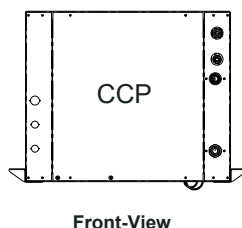
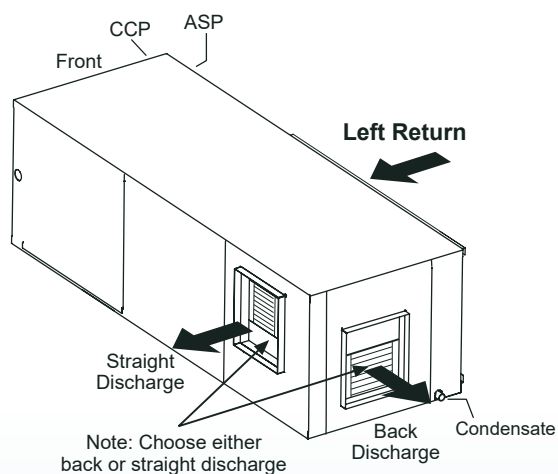
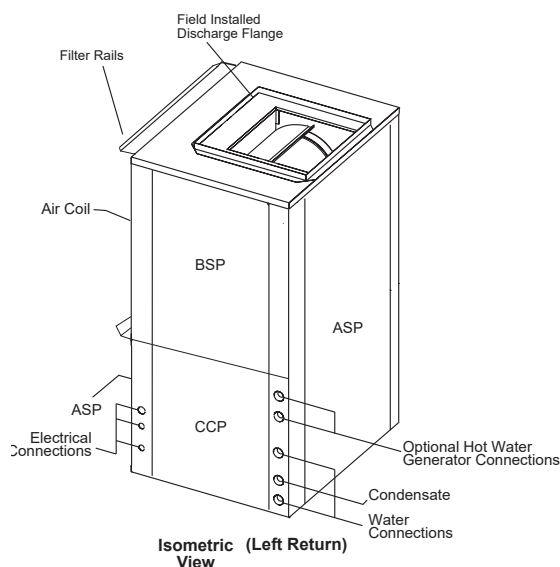
Ground Loop Heat Pump ratings based on 15% antifreeze solution

All ratings based upon operation at lower voltage of dual voltage rated models

Unit Size

Vertical Upflow Model		A	B	C
		Width	Depth	Height
026	in	22.4	25.6	48.5
038	in	25.4	30.6	50.5
049	in	25.4	30.6	54.5
064 & 072	in	25.4	30.6	58.5

Horizontal Model		A	B	C
		Width	Length	Height
026	in	22.4	62.2	19.3
038	in	25.4	71.2	21.3
049	in	25.4	76.2	21.3
064 & 072	in	25.4	81.2	21.3



Legend:
 CCP = Control/Compressor Access Panel
 BSP = Blower Service Panel
 ASP = Additional Service Panel (optional access)



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