Commercial Product Line

Water-Source Heat Pumps

ClimateMaster®

PACKAGED UNITS: Exceed ASHRAE 90.1 Efficiencies

TRANQUILITY® 30 TWO-STAGE DIGITAL (TE) SERIES

- Two to six ton units
- 30 EER
- Two-stage compressor
- Variable speed ECM fan motor
- Horizontal, vertical upflow and downflow units

TRANQUILITY® 22 HIGH EFFICIENCY TWO-STAGE (TY) SERIES

- Two to five ton units
- 22 EER
- Two-stage compressor
- Variable speed ECM fan motor
- Horizontal and vertical upflow units

TRANQUILITY® HIGH EFFICIENCY (TZ) SERIES

- Two to five ton units
- 22 EER
- Two-stage compressor
- Variable speed ECM fan motor
- Horizontal and vertical upflow units

TRANQUILITY® HIGH EFFICIENCY (TR) SERIES

- One-half to five ton units
- 16 EER
- Copeland scroll compressors (size 024 and above)
- Horizontal and vertical upflow units

TRANQUILITY® 20 SINGLE-STAGE (TS) SERIES

- One half to six ton units
- 20 EER
- Single-stage compressor
- Horizontal, vertical upflow and downflow units

TRANQUILITY® 16 COMPACT (TC) SERIES

- One-half to five ton units
- 16 EER
- Copeland scroll compressors (size 024 and above)
- Horizontal and vertical upflow units
- Optional Waterside Economizer

TRANQUILITY® COMPACT BELT DRIVE (TC_L) SERIES

- Six to twenty five ton units
- Dual refrigeration circuits
- TXV metering device
- Extended range operation
- Optional Water Side Economizer

TRANQUILITY® LOW PROFILE (TRL) SERIES

- One-half to one-and-one quarter ton units
- **All sizes 9" in height**
- Industry leading sound operating levels
- Revolutionary bottom accessibility
- Horizontal configuration only

FAMILY OF PRODUCTS

VERTICAL STACK UNITS

TRANQUILITY® VERTICAL STACK (TSM) SERIES

- Three-quarter to three ton units
- PSC or ECM fan motors
- Advanced start-up and commissioning controls
- Exceeds ASHRAE 90.1 efficiencies
- Removable chassis

TRANQUILITY® VERTICAL STACK (TSL) SERIES

- Three-quarter to three ton units
- First vertical stack classified as a ducted product
- PSC or ECM fan motors
- Advanced start-up and commissioning controls
- Removable chassis

TRANQUILITY® LARGE (TL) UNIT

TRANQUILITY® LARGE VERTICAL (TLV) SERIES

- Vertical upflow seven to twenty five ton units
- Filed convertible air flow pattern
- Field convertible electrical panel and water connection locations
- Dual refrigeration circuits (TL168, 192, 240, 300)
- Exceeds ASHRAE 90.1 efficiencies
- Extended range operation
- Microprocessor controls standard
- BACnet, Modbus and Johnson N2 compatibility options for DDC controls

WATER SOURCE HEAT PUMP ROOFTOP UNITS

TRANQUILITY® ROOFTOP (TRE/TRT) SERIES

- TRE: Three to twenty ton units
- TRT: Three to six ton units
- Exceeds ASHRAE 90.1 efficiencies
- Advanced start-up and commissioning controls
- VFD Fan Motor Controls (TRT)
- Eight Safeties standard
- Multi-stage refrigeration options available

WATER -TO - WATER UNITS

TRANQUILITY® MODULAR WATER-TO-WATER (TMW) SERIES

- Three to seventy ton units
- Copeland scroll compressor(s)
- Dual independent refrigeration circuits (TMW120 and 340)

CONSOLE UNIT

TRANQUILITY® CONSOLE (TRC) SERIES

- Three-quarter to one-and-one half ton units
- High efficiency rotary compressors
- Exceeds ASHRAE 90.1 efficiencies
- Two-piece chassis/cabinet design

UNIT FEATURES

Product Series	Communicating CXM2 Unit Controls	Communicating DXM2.5 Unit Controls	PSC	High Static PSC Blower	CT ECM	CV ECM	Belt Drive Fan	Dual Level Compressor Vibration Isolation	Downflow Configuration	Field Convertible Discharge (Horizontal)	Multiple Access Panels	Bottom Service Accessibility	Factory Installed Hangar Brackets (Horizontal)	Remote Reset at Thermostat	Condensate Overflow Protection	Copper Water Coil	Cupro Nickel Coil	Brazed Plate	Ultraquiet (Mute) Package	Extended Range Insulation	Desuperheater Coil (HWG)	DDC - MPC Controls	Microchannel Air Coils	Tube/Fin Air Coils	Tin Plated Tube/Fin Air Coils	E-coated Tube/Fin Air Coil	Climadry (requires DXM2 Control)	Service Disconnect	Internal Secondary Pump	Auto-flow Water Regulation	Two-Way Control Valve	VFlow Modulating Water Valve	vflow Internal Variable Water flow Pump	Water Side Economizer	Hydronic Heat	3/8" Washable	1" Filter	2" Filter	4" Filter	Filter Rail	Filter Frame with Duct Collar
Tranquility® 30 Digital Two-Stage (TEH/V)		S			S		S	S	O	S	S		S	S	S	S	O			O	O	O	O	S*	S*	O		O	O	O			O	O			S	O		S	O
Tranquility® High Efficiency Two-Stage (TZH/V)		S			S		S	S		S	S		S	S	S	S	O			O	O	O	O		S	O			O	O		S	O				S	O		S	O
Tranquility® 20 Single-Stage (TSH/V)	S	O	S	O		O		S	O	S	S		S	S	S	S	O			O	O	O	O	S**	S**	O		O	O	O	O	O					S	O		S	O
Tranquility® Low Profile (TRL)	S			S			S				S	S	S	S	S		S	O	O		O			S	O	O		O	O	O	O						S	O			S
Tranquility® 16 Compact (TCH/V)	S	O²	S	O	O	O		S			S	S		S	S	S	S	O		O	O			S	O			O						O			S	O		S	O
Tranquility® High Efficiency (TRH/V)	S	O²	S	O	O	O		S		S	S		S	S	S	S	O			O	O			S	O		O	O	O	O	O				O		S	O		S	O
Tranquility® 22 High Efficiency Two-Stage (TYH/V)		S			S		S	S		S	S		S	S	S	S	O			O	O			S	O			O									S	O		S	O
Tranquility® Vertical Stack (TSM)	S	O	S		O	O		S				S	S	O		O	O			O	O			S	O			O	O	O	O	O					S	O		S	
Tranquility® Vertical Stack (TSL)	S	O		S	O	O		S				S	S	S	O		O	O			O	O			S	O			O	O	O	O	O			O		S	O		S	
Tranquility® Large (TL)	S	O				S				S		S	S	S	O		O	O			O			S		O	O	O	O	O		O					S	O	O		S
Tranquility® Compact Belt Drive (TCH Large)	S	O				S				S		S	S	S	O		O	O			O			S		O								O			S	O	O		S
Tranquility® Compact Belt Drive (TCV Large)	S	O				S				S		S	S	S	O		O	O			O			S		O								O			S	O		S	
Tranquility® Console (TRC)	S	O	S								S	S	S	O		O	O			O				O			O	O	O	O						S³	S³				
Tranquility® Rooftop (TRE)	S	O				S		S		S	S	S	S	S	O			O			O		S	O	O	O	O		O								S	O			
Tranquility® Rooftop (TRT)		S				S		S		S	S	S	S	S	O			O			O		S	O	O	O	O	O	O								S	O			
Tranquility® Modular Water-to-Water (TMW) 036 - 340	S	O						S			S			S	O			O	O	O¹	O								O												
Tranquility® Modular Water-to-Water (TMW) 360 - 840								S			S					S		S	S	S										O											

O = Optional
S = Standard
* microchannel coils standard on sizes 026 - 049, tube/fin coils standard on 064 - 072
** tube/fin coils standard on all sizes except 024 to 048 which have microchannel coils
¹ Desuperheater optional on sizes 036 - 120
² DXM2.5 required for CV ECM
³ front return units come standard with 3/8" washable filter, bottom returns have 1" standard filter

CLIMATEMASTER®
A NIBE GROUP MEMBER

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