



# Commercial Product Line

Water-Source Heat Pumps



# THE CLIMATEMASTER

## PACKAGED UNITS



### TRANQUILITY® 30 TWO-STAGE DIGITAL (TE) SERIES

- Two to six ton units
- 30 EER
- Two-stage compressor
- Exceeds ASHRAE 90.1
- 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
- Exceeds ASHRAE 90.1 efficiencies
- 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
- Exceeds ASHRAE 90.1 efficiencies
- Variable speed ECM fan motor
- Horizontal and vertical upflow units



### TRANQUILITY® HIGH EFFICIENCY (TR) SERIES

- One-half to five ton units
- 16 EER
- Exceeds ASHRAE 90.1 efficiencies
- Copeland scroll compressors (size 024 and above)
- PSC three-speed fan motor
- Horizontal and vertical upflow units



### TRANQUILITY® 20 SINGLE-STAGE (TS) SERIES

- One half to six ton units
- 20 EER
- Single-stage compressor
- Efficiencies exceed ASHRAE 90.1
- PSC or variable speed ECM fan motor
- 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)
- PSC three-speed fan motor
- Exceeds ASHRAE 90.1 efficiencies
- Horizontal and vertical upflow units
- Optional Waterside Economizer



### TRANQUILITY® COMPACT BELT DRIVE (TC) SERIES

- Six to twenty five ton units
- Dual refrigeration circuits
- Exceeds ASHRAE 90.1 efficiencies
- TXV metering device
- Extended range operation
- Optional Water Side Economizer

## WATER -TO - WATER UNITS



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

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



# FAMILY OF PRODUCTS

## VERTICAL STACK UNITS



### TRANQUILITY® VERTICAL STACK (TSM) SERIES

- Three-quarter to three ton units
- Vertical Hi-Rise Stack Units
- High efficiency rotary and scroll compressors
- 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
- High Efficiency rotary and scroll compressors
- Exceeds ASHRAE 90.1 efficiencies
- Removable chassis

## TRANQUILITY® LARGE (TL) UNIT



### TRANQUILITY® LARGE VERTICAL (TLV) SERIES

- Vertical upflow seven to twenty five ton units
- Field 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
- LonWorks, BACnet, Modbus and Johnson N2 compatibility options for DDC controls

## ROOFTOP UNIT



### TRANQUILITY® ROOFTOP (TRE) SERIES

- Three to twenty ton units
- Exceeds ASHRAE 90.1 efficiencies
- Microprocessor controls standard
- Extended range operation standard
- Eight Safeties standard
- Rx ERV option handles up to 100% outside air

## 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

## OUTDOOR AIR UNITS



### TRANQUILITY® (TOH) SERIES

- Three to one hundred ton units
- Horizontal dedicated outdoor air systems
- Raised lance fins, rifled tubes maximize moisture removal efficiency
- Sized for neutral LAT (65 to 80°F, 18 to 27°C) with  $\pm 2.0^\circ\text{F}$  ( $\pm 1^\circ\text{C}$ )



### TRANQUILITY® (TOV) SERIES

- Four to thirty ton units
- Vertical dedicated outdoor air systems
- Raised lance fins, rifled tubes maximize moisture removal efficiency
- Sized for neutral LAT (65 to 80°F, 18 to 27°C) with  $\pm 2.0^\circ\text{F}$  ( $\pm 1^\circ\text{C}$ )



## ENERGY RECOVERY VENTILATORS



### Rx ENERGY RECOVERY (ERV) MODULE

- Sizes 1,000 thru 10,000 CFM of outdoor air mixed with return air or up to 100% outside air
- All of the features of the TRE series PLUS energy recovery
- 20+ (Combined) EER substantially reduces the cost of preconditioning outside air

