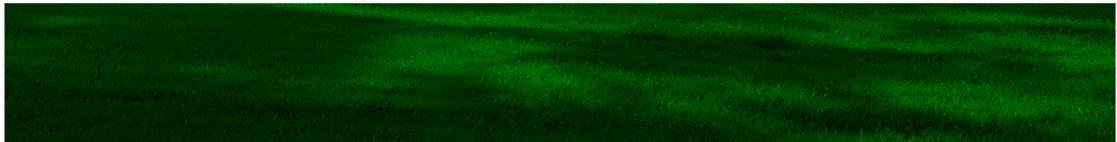![ClimateMaster - A NIBE GROUP MEMBER]

R-454B RESIDENTIAL

ALL PRODUCTS GUIDE

PACKAGED UNITS

TRANQUILITY® 30 (SE) PREMIER TWO-STAGE SERIES

- Sizes 024 (2 ton, 7 kW) through 072 (6 tons, 21.1 kW)
- Refrigerant Detection System (RDS) (mandatory on sizes 060 and 072, optional for sizes 024-048)
- iGate® 2 Advanced Communicating Controls for reduced startup, commissioning, and service time
- vFlow® unit integrated modulating water valve or variable speed pump
- Intelligent variable speed Constant Volume (CV) EC blower motors for precise airflow control and soft-start feature
- Unique double-isolation compressor mounting with vibration isolation for quiet operation
- Factory-installed compressor soft-starter
- Features a matte black polyester powder-coat finish cabinet with stainless steel access panels
- Two-Stage compressors offer part-load operation which significantly lowers annual operating costs when compared to traditional Single-Stage compressor systems

TRANQUILITY® 24 (SZ) VERSATILE TWO-STAGE SERIES

- Sizes 024 (2 ton, 7 kW) through 060 (5 tons, 17.6 kW)
- Refrigerant Detection System (RDS) (mandatory on sizes 060, optional feature for sizes 024-048)
- iGate® 2 Advanced Communicating Controls for reduced startup, commissioning, and service time
- vFlow® unit integrated modulating water valve or variable speed pump
- Intelligent variable speed Constant Volume (CV) EC blower motors for precise airflow control and soft-start feature
- Unique double-isolation compressor mounting with vibration isolation for quiet operation
- Factory-installed compressor soft-starter
- Features a matte black polyester powder-coat finish cabinet
- Two-Stage compressors offer part-load operation which significantly lowers annual operating costs when compared to traditional Single-Stage compressor systems

Tranquility® Low GWP Packaged Systems Comparison

● – Standard O – Optional		Tranquility SE	Tranquility SZ
Efficiency	Cooling	29.7 EER	24.9 EER
	Heating	5.0 COP	4.2 COP
ENERGY STAR® Designation		Most Efficient	Most Efficient
Compressor		Two-Stage	Two-Stage
Communicating System		iGate®2 DXM2.5 Unit Controls	
Advanced Monitoring and Diagnostics		●	●
Wi-Fi Communicating Thermostat		O	O
Hot Water Generation		O Supplemental	O Supplemental
Front Panels		Stainless Steel	Powder Coated
Air Filter		2" MERV 11	1" MERV 8
vFlow® Internal Variable Water Flow		O	O
Indoor Fan	Variable Speed	●	●
Configuration	Vertical Upflow	O	O
	Horizontal	O	O
	Vertical Downflow	O	
Air Coil		Tin-Plated*	Tin-Plated
Swing Out Control Box		●	●
Warranty: 10-Year Parts; 5-Year Labor Allowance		●	●
Warranty: 10-Year Parts; 10-Year Labor Allowance		O	O

NOTES:
* SE024-048 uses Aluminum Micro-channel coil

R-454B Accessory Compatibility

Accessories	Packaged				Split			Water-to-Water
	SE		SZ		SJ	SP	SA	SW
	Vertical	Horizontal	Vertical	Horizontal				
iGate® 2 Communicating (AWC) Thermostat	●	●	●	●	●	●	●	●
iGate® 2 Smart Tank	●	●	●	●	●			●
Wireless Service Tool	●	●	●	●	●	●	●	●
Secondary Drain Pan		●						
Tranquility Unit Vibration Isolation Pad	●		●		●			
Tranquility Unit Stand	●		●		●			
Auxiliary Electric Heater	●	●	●	●			●	
Outdoor Temperature Sensor	●	●	●	●	●	●		
Anti Scald Valve	●	●	●	●	●			●
Compressor Soft Start Kit	●	●	●	●	●	●		●

SPLIT SYSTEMS

TRANQUILITY® 30 (SJ) PREMIER INDOOR SPLIT SERIES

- Sizes 024 (2 ton, 7 kW) through 060 (5 tons, 21.1 kW)
- Environmentally friendly R-454B low-GWP refrigerant
- Refrigerant Detection System (RDS) factory installed
- Features a matte black polyester powder-coat finish with stainless steel access panels
- iGate® 2 Advanced Communicating Controls for reduced startup, commissioning, and service time
- vFlow® unit integrated modulating water valve or variable speed pump
- Two-Stage compressors offer part-load operation which significantly lowers annual operating costs when compared to traditional Single-Stage compressor systems

TRANQUILITY® 30 (SP) PREMIER OUTDOOR SPLIT SERIES

- Sizes 024 (2 ton, 7 kW) through 060 (5 tons, 21.1 kW)
- Environmentally friendly R-454B low-GWP refrigerant
- Features a bonded silver polyester powder coat finish
- iGate® 2 Advanced Communicating Controls for reduced startup, commissioning, and service time
- vFlow® unit integrated variable speed pump
- Two-Stage compressors offer part-load operation which significantly lowers annual operating costs when compared to traditional Single-Stage compressor systems

TRANQUILITY® (SA) PREMIER AIR HANDLER SERIES

- Sizes 024 (2 ton, 7kW) through 060 (5tons, 21.1kW)
- Environmentally friendly R-454B low-GWP refrigerant
- Refrigerant Detection System (RDS) factory installed on all sizes
- Intelligent variable speed Constant Volume (CV) EC blower motors for precise airflow control and soft-start feature
- Features a matte black polyester powder coat finish cabinet

SPLIT SYSTEMS

TRANQUILITY® (SK) PREMIER CASED COIL SERIES

- Sizes 024 (2 ton, 7 kW) through 060 (5 tons, 21.1 kW)
- Environmentally friendly R-454B low-GWP refrigerant
- Refrigerant Detection System (RDS) factory installed

WATER-TO-WATER UNITS

TRANQUILITY® (SW) WATER-TO-WATER SERIES

- Sizes 036 (3 ton, 10.6 kW) through 120 (10 tons, 35.2 kW)
- Environmentally friendly R-454B low-GWP refrigerant
- vFlow® modulating water valves
- vFlow® Source and Load side variable speed water pumps
- Features a matte black polyester powder coat finish cabinet
- iGate® 2 Advanced Communicating Controls for reduced startup, commissioning, and service time
- Two-Stage compressors offer part-load operation which significantly lowers annual operating costs when compared to traditional Single-Stage compressor systems

ALL PRODUCTS EXCEED ASHRAE 90.1 EFFICIENCY REQUIREMENTS

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