

National Line Card

PRODUCTS & SYSTEMS SOLUTIONS



APPROACH

We take a creative approach to every project; treating each project uniquely so we can collaborate to understand objectives and goals. Trane delivers outcomes; we start from the beginning and follow the process through. Plus, we always keep indoor environment quality and energy efficiencies top of mind.

SERVICE & SOLUTIONS

Our capabilities include commercial systems, energy services & solutions, contracting, controls/building automation, rentals and service.

Trane Wellsphere™ is a holistic approach to building wellness that cultivates healthier indoor spaces. It brings together unmatched experience and expertise to take a holistic approach to optimizing building's indoor environmental quality (IEQ).

HVAC SYSTEMS



Sustainable and scalable solutions for maintaining ideal system performance

OPTIMIZED EQUIPMENT



Applied Chilled and Hot Water, Air Handling, Large and Light Packaged, VRF, VAV, Zone Terminal, Pre-Packaged Systems with Controls

RENTAL SERVICES



Promptly provides temporary, scalable HVAC and power from standard applications to complex solutions

BUILDING SERVICES



Reliable, preventative and proactive scheduled maintenance and repair by factory trained technicians

ENERGY SERVICES



Managing your energy supply and demand to reduce cost, optimize performance and improve sustainability

BUILDING AUTOMATION SYSTEMS



Making precise control easier, mobile and data-rich

Trane Building Automation Systems



Tracer® SC+
Scalable building automation system solution



Tracer Concierge®
Light commercial control system



Pivot® Smart Thermostat
Wi-Fi & Ethernet thermostat for light commercial applications



Factory & Field
Mounted BACnet® & LonTalk® Unit Controllers, Integrates with BACnet MSTP, LonTalk Certified, BACnet/IP, Modbus® Protocols



Wireless Solutions
Wireless comms, BACnet/Zigbee®, temperature & humidity sensors

Trane Building Management Systems



Tracer® Ensemble®
Enterprise level building management software



Tracer® Synchrony®
Web-based facility management software



Tracer® Concierge®
Occupant user interface for non-technical user



Tracer® Mobile Apps
Concierge, Trane BAS Operator Suite

Trane Intelligent Services



Aggregates data collected in a building. Provides analytic tools to make real-time, near term, and long term decisions that maximize the way buildings are managed and maintained.

Lighting Solutions



Control more than half of your building energy use when you integrate Trane lighting solutions into your BAS.* The Trane difference offers increased energy savings, improved comfort and flexibility, and a higher quality design - all within your customer's budget. Lighting science can support productivity, performance, safety, and well being. Utilizing intelligent lighting solutions as your infrastructure for smart buildings unlocks the capabilities of asset tracking, contact tracing, emergency assistance, and more!

Trane® / Mitsubishi VRF & Ductless



N-Generation CITY MULTI®
Energy efficient, all electric VRF system available in Standard, High Efficiency, and H2i®(R) (Hyper-Heat)



Nv Series
Ductless system for maximum energy efficiency and quality control with precise zone control to distribute heat or air conditioning only to spaces in use



P Series
Light commercial ductless system for superior comfort, flexibility and reliability with precise 1:1 outdoor to indoor connections for efficient zone management



Indoor Units
A variety of indoor units available to meet any application and design requirements, including ceiling cassettes, wall mounted, concealed and more



LEV Kit
The power to connect Trane® / Mitsubishi Electric CITY MULTI® Products to Trane Air Handlers; Allows for higher airflows, higher static pressure, larger capacity, customized products, and DOAS configurations; Available in multiple tonnage sizes

Trane Precision Cooling



Single Circuit DX
Single circuit DX; vertical floor mounted; 5 - 10 Ton; tandem compressor options; EC fan technology



Dual Circuit DX
Dual circuit DX series; vertical floor mounted; 15 - 30 Tons

Centrifugal Chillers



Model TACW
Oil-free; 60 - 1400 Tons; R-134a and R-513A



Agility® Model HDWA
150 - 450 Ton; 60 Hz, 50 Hz; Symbio® 800 controller; uses either R-513A or R-134A



CenTraVac® Model CVHE
3-Stage Compressor; Symbio® 800 controller; 150 - 500 Tons; R-514A



CenTraVac® Model CVHF
2-Stage Compressor; Symbio® 800 controller; 325 - 2000 Tons; R-514A



CenTraVac® Model CVHH
Multi-stage; Dual Compressor; Symbio® 800 controller; 900 - 2000 Tons; R-1233zd



CenTraVac® Series S™ Model CVHM
Oil-Free Compressor; Symbio® 800 controller; 170 - 390 Tons; R-514A



CenTraVac® Model CDHF
Multi-Stage Dual Compressor; Symbio® 800 controller; 1450 - 3950 Tons; R-514A



CenTraVac® Model CDHH
Multi-stage; Dual Compressor; Symbio® 800 controller; 1800 - 4000 Tons; R-1233zd



Water-Cooled Chillers
Cold Generator™ Model CGWR
Scroll Compressors; 20 - 75 Tons; R-410A



Series R® Model RTWD
Helical Rotary Compressor; 60 - 250 Tons; R-134a or R-513a



Optimus® Model RTHD
Optional Variable Speed Helical Rotary Compressor; 150 - 430 Tons; R-134a; or R-513a for fixed speed only



Series R® Model RTUD
Helical Rotary Compressor with remote air-cooled condenser; 80 - 250 Tons; R-134a



Air-Cooled Chillers
Cold Generator™ Model CCAR
Scroll Compressor with Air-Cooled Condenser; 20 - 70 Tons; R-410A



Model CGAM
Scroll Compressor; 20 - 130 Tons; R-410A



Ascend® Model ACS
Scroll Compressor; 140 - 230 Tons; R-410A



Series R® RTAC
Helical Rotary Chiller; 140 - 500 Tons; R-134a



Sintesis® Model RTAF
Variable Speed Helical Rotary Compressor; 115 - 500 Tons; R-134a or next gen R-513A



Ascend® Model ACR
Free Cooling; Symbio® 800 controller; 150 - 550 Tons; R-134a



Model TACA
Oil Free Centrifugal; 60 - 440 Tons; R-134a or R-513A

*U.S. Energy Information Administration, 2020

**Ascend® Model ACX**

Energy efficient, all electric heating and cooling; Symbio® 800 controller; 130-240 Tons; R-410A

**MiniMod™**

Water-Cooled; Oil Free Centrifugal; R-134a and R-513A; 60 - 135 Tons (1000 Ton Arrays)

**Cold Generator™ Model CICD**

Water-cooled; Heat Recovery; 20-80 Ton (600 ton Arrays)

Modular Chillers**Manhattan™ Gen II**

Air-Cooled and Water-cooled Heat Pump; Heat recovery and Free Cooling; 15 - 80 Tons (800 Ton Arrays)

**SuperMod™**

Air-Cooled and Water-Cooled; 20 - 40 Tons (400 Ton Arrays)

**PolyTherm™**

Water-Cooled; Simultaneous Heating and Cooling; 30 - 60 Tons (480 Ton Arrays)

Packaged Units**Impack®**

Cooling, Gas/Electric, Heat Pump & Dual-Fuel; Multiple Efficiency Levels; Up to 16 SEER; 2 - 5 Tons

**Foundation®**

Cooling, Gas/Electric; Adapts to Competitors Roof Curbs; 3 - 5 Tons; 7.5 - 12.5 Tons; 15 - 25 Tons

**Precedent® 17 Plus**

Cooling & Gas/Electric; Up to 17.5 SEER; 3 - 5 Tons

**Precedent® & Precedent® with eFlex™**

Cooling, Gas/Electric, Heat Pump & Dual-Fuel; Multiple Efficiency Levels ; eFlex Variable Speed Compressor; Up to 23.5 SEER; 3 - 10 Tons

**Voyager® 2 & Voyager 2 with eFlex**

Cooling, Gas/Electric & Heat Pump; Multiple Efficiency Levels (Up to 20.1 IEER, 12.5 - 25 Tons), eFlex Variable Speed Compressor (12.5 - 17.5 Tons)

**Zoned Rooftop Systems**

Pre-designed for small building comfort; Includes Precedent or Voyager rooftop unit, VAV terminal units, Tracer® Concierge™ system control & Air-Fi® wireless controls & sensors; 3 - 25 Tons

**Voyager 3**

Cooling, Gas/Electric; eStage™ Multi-Stage Compressors; Full & part load efficiencies; Up to 14.7 IEER; 27.5 - 50 Tons

**IntelliPak® I**

Cooling, Gas/Electric, Hot Water, Steam; 20 - 130 Tons; Available with eFlex Variable Speed Compressor; 40 - 75 Tons

**IntelliPak® II**

Cooling, Gas/Electric, Hot Water, Steam; Air-Cooled and Evaporative Condenser; Available with eFlex Variable Speed Compressor; Tracer® SC+ controls; VariTrane™ VAV terminals; 90 - 162 Tons;

**IntelliPak® 3**

Cooling, Gas/Electric, Hot Water, Steam; 20 - 75 Tons; Avail. with eFlex Variable Speed Compressor; Available connectivity; Symbio controller; Up to 17.8 IEER

Self-Contained Units**IntelliPak® Modular Series**

Split apart construction, easy transport & installation; Factory-installed digital controls; Up to 13.9 EER, 17.9 IEER; Water Cooled 20 - 35 Tons; Remote Air Cooled - 32 Tons

**IntelliPak® Signature Series**

Up to 14.1 EER, 19.3 IEER; Floor by floor system; Factory-installed digital controls; Air-Cooled 20-60 Tons; Water-cooled 20 - 110 Tons

**Modular Self Contained System**

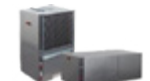
Smallest Footprint on the Market; Water-Cooled System; Variable speed compressors and fans; Full and part load efficiencies; Industry-leading Part Load Efficiency - Up to 20.8 IEER; 40 - 80 Tons

Water-Source Heat Pumps**Axiom™ Standard Efficiency GEH/GEV Models**

Horizontal (0.5 - 15T) or vertical (0.5 - 25T); Quiet operation; Multiple airflow configurations; 0.5 - 25 Tons

**Axiom High Efficiency Single-Stage EXH/EXV Models**

Horizontal or vertical; Electronically Commuted Motor (ECM); Rotary or scroll compressor; 0.5 - 6 Tons

**Axiom High Efficiency Two-Stage DXH/DXV Models**

Horizontal or vertical; 2-Stage compressor; Deluxe sound option for quiet operation; Meets LEED EAc4 requirement; 2 - 6 Tons

**Axiom Variable Speed VSH/VSV Models**

Horizontal or vertical; eFlex™ Variable Speed compressors and fans; Single and three phase voltage; 2 - 5 Tons

**Axiom High Efficiency Console GEC Model**

ASHRAE 62 indoor air quality compliant; Quiet operation; 0.5 - 1.5 Tons

**Axiom Vertical Stack GET Model**

Multiple capacities & cabinet sizes; Available in PSC or ECM motors; Flexible air supply options; Integrated controls; 0.75 - 3 Tons

**Axiom Water-to-Water EXW Model**

Co-axial heat exchanger; Rackable modular design; 5, 10, 20 Tons

**Axiom Rooftop GWS Model**

Boiler/Tower or Geothermal applications; Multiple configuration options; Microprocessor controls; 3 - 20 Tons

Air Handling Units**Performance Climate Changer® - Catalog**

Indoor or Outdoor; Up to 15000 CFM; 2" R-13 Foam Insulated Panels; Factory-Engineered & Mounted Controls

**Performance Climate Changer® - Semi-custom**

Indoor or Outdoor; Up to 60000 CFM; ; up to +/-10.0 inches w.g.; 2", R-13 or 3", R-19; Foam Insulated Wall panels; Flexible Dimensions

**Trane Custom Models TCFS & TCPA**

Indoor & Outdoor; 1500 - 200,000 CFM; -12.0 to +12.0 inches w.g.; Thermal Performance with R-Values up to 25

Terminal Units**Compact Vertical Blower Coil Model BCCD**

Indoor; 800-2000 CFM; ECM Motors, Factory-Engineered & Mounted Controls

**Blower Coil Model BCHD/BCVD**

Indoor; 400 - 3000 CFM; ECM motors; Factory-Engineered & Mounted Controls

**CoolSense® Terminal Unit**

Up to 1300 CFM; Variable speed ECM or constant-fan speed; Tracer® UC400 controller (available with Air-Fi wireless)

**VariTrane® Model VC*F**

Single Duct Variable Air Volume Boxes; 25 - 8000 CFM

**VariTrane® Model VDDF**

Dual Duct Variable Air Volume Boxes; 80 - 8000 CFM



VariTrane® Model VF**
Fan-Powered Variable Air Volume Boxes; 200 - 3300 CFM; Parallel or Series Configuration



VariTrane® Model LF**
Low Height Fan-Powered Variable Air Volume Boxes; 100 - 1800 CFM; Parallel or Series Configuration



VariTrane® Model VRRF
Round Inlet/Round Outlet RetroFit Variable Air Volume Boxes; 25 - 4000 CFM



UniTrane® Model FC*B
Horizontal or Vertical Fan Coil; Cabinet, Recessed or Compact Configurations; 200 - 1200 CFM



UniTrane® Model FCV
Vertical High Rise Fan Coil Units
Vertical stack fan coil;
300 - 1200 CFM



Force-Flo™ Model FF*B
Horizontal or Vertical Cabinet Heater; Concealed or Recessed Configurations; 200-1200 CFM



Model VUVE
Vertical Unit Ventilators;
750 - 1500 CFM



Model HUVC
Horizontal Unit Ventilators;
750 - 2000 CFM



Model UHS/UHP
Propeller Unit Heaters;
Hydronic & Steam



Model UHWA/UHAA/UHRA/UHXA/UHEC/UHCA
Electric Unit Heaters



Indoor Gas Heating Units
Unit Heaters & Duct Furnaces

Split Systems



Split Systems
Cooling & Heat Pump; Gas, Electric, or Hot Water Heat;
1.5 - 5 Tons



Odyssey™ with Symbio®
Symbio Connectivity & phone app; Full & part load efficiencies; Up to 13.1 IEER; 6 - 25 Tons



RAUJ
Air-Cooled Condensing Units; Available with Remote Chiller Evaporators; 20 - 120 Tons



CAUJ
Air-Cooled Condensers;
20 - 120 Tons

Dedicated Outdoor Air



Horizon® DOAS
DX Packaged (Air and Water Cooled)
• Low Dew Point capability
• ERV
• AHRI 920



Mixed Air Unit
• Brings in up to 100% fresh air
• ASHRAE 90.1 compliance
• Provides adequate dehumidification at full load conditions
• Double walled-insulation with insulated base pan

Make-Up Air Gas Heating Units



Model GSAA
Indoor Gas-Fired Make-Up Air Handlers; Standard & High Efficiency; 100 - 1200 MBH



Model GRAA
Outdoor Gas-Fired Make-Up Air Handlers; 100 - 1200 MBH



Model AHOA
Packaged Air Handlers; Cooling, Make-Up Air, & Ventilation



VFD
Trane TR150/TR200 Variable Frequency Drives; 6, 12, 18 Pulse

Engineered Systems

Controls and Equipment
• Comprehensive Chilled Water
• Central Geothermal
• Thermal Battery® Air-cooled Chiller Plant
• Thermal Battery® Cooling and Heating
• Intelligent Variable Air System
• Zoned Rooftop System
• Variable Refrigerant Flow
• CoolSense® Integrated Outdoor System



Energy Services

We partner with our clients to understand how energy impacts their business and sustainability goals. Leveraging deep expertise and cutting edge technology, we help optimize energy purchasing strategies, energy sourcing, energy storage, consumption, and overall network efficiency with validated results



IAQ Solutions

Today there are more ways than ever to manage and monitor indoor air quality, while keeping your goals for cost and sustainability in sight. Trane is a leader in indoor air quality. We can help you align with air quality guidelines set by the Centers for Disease Control using innovative technologies and proven solutions



Trane Building Services

Help reduce operating costs and extend the life of your equipment with planned maintenance from Trane



Consulting Engineer Portal

Trane offers expert HVAC systems, solutions, and support for every stage of a building lifecycle, including quick links to design and analysis tools, education and training, BIM and CAD drawings, prepackaged solutions, and energy analysis tools.

Visit www.traneengineer.com



Trane Rental Services

Water-Cooled Chillers, Air-Cooled Chillers, Temporary Power, Cooling Towers, Packaged A/C Units, Air Handlers, Portable A/C Units



Trane Creative Solutions

Customized Trane Equipment Modifications Including: Multizone Replacements, Water-Side Economizer Coils for Air-Cooled Chillers, Packaged Air-Cooled Ice Storage Systems, Acoustical Attenuation



For more information visit trane.com/commercial



Trane – by Trane Technologies (NYSE: TT), a global climate innovator – creates comfortable, energy efficient indoor environments through a broad portfolio of heating, ventilating and air conditioning systems and controls, services, parts and supply. For more information, please visit trane.com or tranetechnologies.com.

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