

HVAC SOLUTIONS

2026 CATALOG

**Engineered for Comfort.
Built for Performance.**

Our precision-engineered components deliver reliable performance for heating, ventilation, and air conditioning applications in commercial and industrial environments.

 [Download PDF Catalog](#)

TYPICAL PARTS INSIDE PRE-ASSEMBLED HVAC PACKAGED UNITS

Pre-assembled HVAC packaged units combine refrigeration, air handling, heating, and electrical control systems into integrated solutions designed for commercial and industrial applications.



REFRIGERATION SYSTEMS

Components that manage the refrigeration cycle to provide cooling.



AIR HANDLING SYSTEMS

Move and condition air through the unit and distribution ducts.



HEATING SYSTEMS

Provide efficient heating for year-round comfort and performance.



ELECTRICAL & CONTROLS

Smart controls and electrical components for safe and reliable operation.

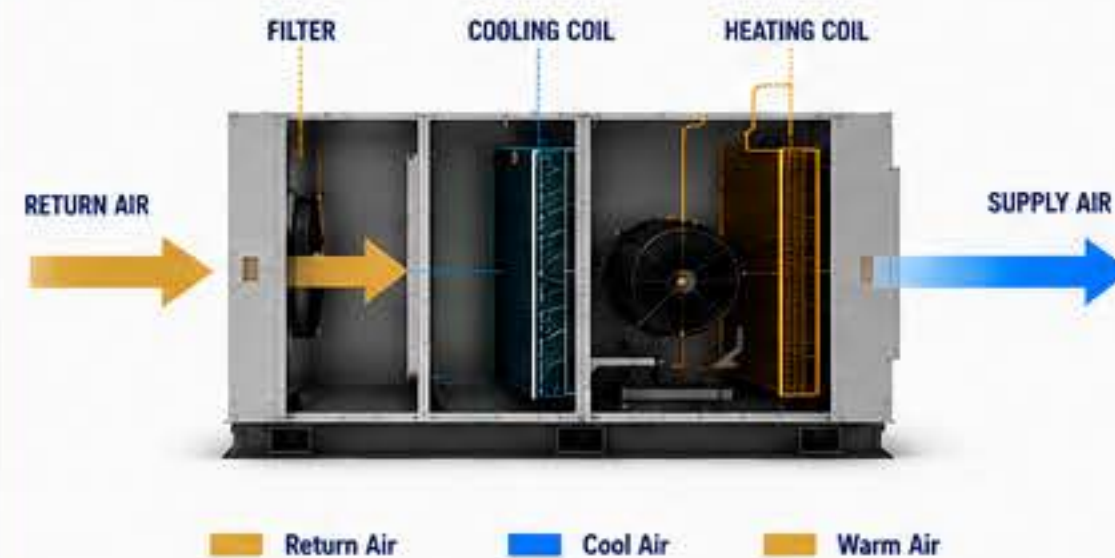


OSANTS

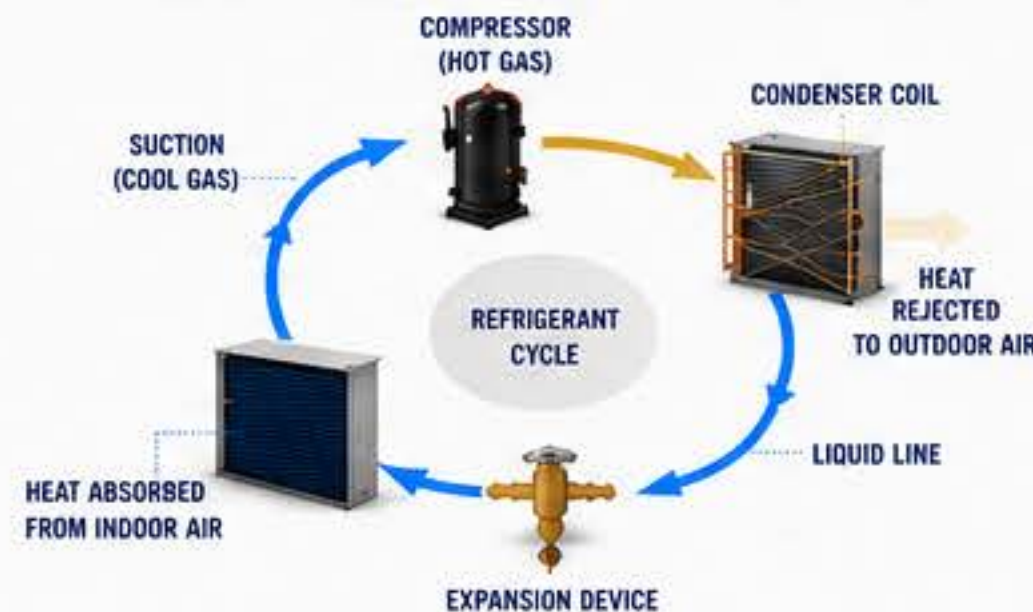
CAN PROVIDE COMPONENTS OR COMPLETE PRE-ASSEMBLED UNITS

- ✓ Engineered for Performance
- ✓ Quality Assured
- ✓ Globally Sourced
- ✓ Ready to Install

AIRFLOW ILLUSTRATION



REFRIGERATION CYCLE



TYPICAL APPLICATIONS



COMMERCIAL BUILDINGS



INDUSTRIAL FACILITIES



DATA CENTERS



EDUCATIONAL INSTITUTIONS

BUILT FOR HVAC PERFORMANCE



MAXIMIZE AIRFLOW & EFFICIENCY

Optimized components and configurations ensure high airflow, low pressure drop, and energy-efficient operation.



PRECISE TEMPERATURE CONTROL

Integrated cooling and heating solutions maintain stable indoor conditions and improve occupant comfort.



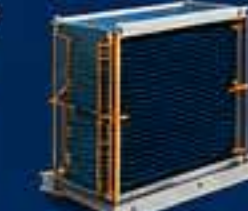
RELIABLE & DURABLE PERFORMANCE

Built with high-quality HVAC components for long service life and dependable operation in any environment.



ENERGY EFFICIENCY & SUSTAINABILITY

High-efficiency components help reduce energy usage, lower operating costs, and support green building initiatives.



EASY INTEGRATION & SERVICEABILITY

Pre-engineered units for quick installation, easy maintenance, and simplified system integration.



ENGINEERED FOR COMFORT. BUILT FOR PERFORMANCE.
Reliable HVAC solutions. Quality components. Healthier environments.



OPTIMIZE AIRFLOW



DOES ENERGY INDOOR AIR SOLUTIONS



EASY INT. INTEGRATION



ENGINEERED FOR INTEGRATION & RELIABILITY

OSANTS delivers complete control solutions and pre-assembled modules designed for easy integration, dependable performance, and simplified installation in the field.

CONTROLS & ELECTRICAL COMPONENTS

ELECTRICAL PANELS



- Reliable power distribution and system protection

HIGH / LOW PRESSURE SWITCHES



- Monitors system pressure for safe and efficient operation

V-BELTS



- High-strength rubber construction
- Excellent flexibility and durability
- Resistant to heat, oil, and wear
- Available in multiple sizes and profiles

FAN MOTORS



- High-efficiency performance
- TEFC and ODP enclosure options
- Single and three-phase models
- Built for continuous operation

WIRING HARNESES



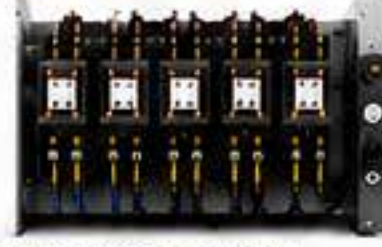
- Pre-assembled for fast, accurate installations

MOTOR OVERLOAD RELAYS



- Protects motors from overcurrent and overheating

FUSES & RELAYS



- Protect critical components and control circuits

THERMOSTAT INTERFACES



- User-friendly control and system connectivity

BELT TENSIONERS



- Maintains optimal belt tension
- Reduces vibration and belt slippage
- Extends belt and bearing life
- Easy to install and adjust

FAN GUARDS



- Protects personnel and equipment
- Heavy-duty steel construction
- Corrosion-resistant finishes
- Custom sizes available

SHAFTS



- Precision-machined for reliability
- High-strength steel construction
- Available in various diameters and lengths
- Custom machining available

PULLEYS



- Precision-balanced for smooth operation
- Cast iron and steel options
- Multiple groove configurations
- Taper-lock and bore options

FLANGE BEARINGS



- Reliable shaft support
- Heavy-duty housing
- Pre-lubricated for long life
- Easy installation and alignment

FAN SHROUDS



- Improves fan efficiency
- Reduces turbulence and noise
- Durable steel construction
- Custom designs available

PRE-ASSEMBLED HVAC MODULES

AIR HANDLING UNITS (AHU)



- Fan Section
- Cooling Coil Section
- Filter Section
- Mixing Box

CONDENSING / COMPRESSOR UNITS



- Compressor & Condenser Coil
- Fans & Electrical Panel
- Pre-Charged Refrigerant Circuit

SKID MOUNTED HVAC SYSTEMS



- Pumps, Piping & Valves
- Heat Exchangers
- Control Panel

PACKAGED HVAC SYSTEMS



- Compact, Fully Integrated
- Tested & Commissioned
- Ready for Installation

ACCESSORIES & COMPONENTS



- Filter driers, sight glasses, receivers, and more
- Enhance system protection and performance

BUILT TO LAST



Engineered for demanding environments and long-term reliability.

QUALITY YOU CAN TRUST



Precision manufacturing and rigorous quality control standards.

BUILT FOR HVAC PERFORMANCE



OPTIMIZED AIRFLOW

Components designed to maximize air movement, improve system efficiency, efficiency, and comfortable indoor environments.



TEMPERATURE CONTROL & COMFORT

Reliable solutions for precise temperature control and consistent indoor comfort in all conditions.



HUMIDITY MANAGEMENT

Components that help control humidity levels and improve indoor air quality.



ENERGY EFFICIENCY

High-efficiency components that reduce energy usage and lower operating costs.



EASY INTEGRATION & SERVICEABILITY

Engineered for fast installation, easy maintenance, and minimal downtime in HVAC systems.



TRUSTED HVAC PARTNER

Quality components. Efficient systems. Healthier environments.



ENGINEERED FOR PERFORMANCE & RELIABILITY

High-quality refrigeration components are the heart of every efficient HVAC system. OSANTS sources and supplies premium components that ensure reliable operation, energy efficiency, and long service life.



COMPRESSOR



- ✓ Circulates and compresses refrigerant to enable heat transfer
- ✓ Rotary, scroll, and screw compressor options



CONDENSER COIL



- ✓ Releases heat from refrigerant to outside air
- ✓ Copper tube and aluminum fin configurations



EVAPORATOR COIL



- ✓ Absorbs heat from indoor air for cooling
- ✓ High-efficiency cooling performance



TXV / METERING DEVICES



- ✓ Controls refrigerant flow into evaporator
- ✓ Maintains proper system efficiency



REFRIGERANT LINES & CONNECTIONS



- ✓ Carries refrigerant between components
- ✓ Leak-tested assemblies available



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FLANGE BEARINGS



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OPTIMIZE AIRFLOW

Components engineered to maximize air movement and system efficiency.



IMPROVE INDOOR AIR QUALITY

Support clean, healthy air circulation for better indoor environments.



ENERGY-EFFICIENT SOLUTIONS

Designed to reduce energy consumption and lower operating costs.



RELIABLE & DURABLE

Built to withstand demanding HVAC conditions and ensure long-term reliability.



EASY INTEGRATION

Designed for seamless integration into new and existing HVAC systems.



TRUSTED HVAC PARTNER

Quality components. Efficient systems. Healthier environments.



ENGINEERED FOR COMFORT & EFFICIENCY

OSANTS provides integrated air handling and heating components designed to deliver reliable performance, energy efficiency, and optimal indoor air comfort for commercial and industrial applications.



AIR HANDLING COMPONENTS



AIR HANDLER / BLOWER FAN



- ✓ Moves conditioned air through duct systems



EVAPORATOR FAN MOTOR



- ✓ Drives blower assemblies for air circulation



RETURN AIR GRILLE / FRAME



- ✓ Allows air return for continuous conditioning



GAS FURNACE / HEAT EXCHANGER



- ✓ Efficient heating solutions for commercial systems



ELECTRIC HEATING COILS / AUXILIARY STRIPS



- ✓ Supplemental electric heating options



HEAT PUMP REVERSING VALVE



- ✓ Enables heating and cooling operation



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BUILT SPECIFICALLY FOR HVAC APPLICATIONS



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TRUSTED HVAC PARTNER

Quality components. Efficient systems. Healthier environments.



ENGINEERED FOR AIRFLOW. BUILT FOR RELIABILITY.

OSANTS supplies high-quality ventilation components designed to maximize air movement, improve efficiency, and ensure long-term performance in HVAC and industrial systems.



V-BELTS



- ✓ High-strength rubber construction
- ✓ Excellent flexibility and durability
- ✓ Resistant to heat, oil, and wear
- ✓ Available in multiple sizes and profiles



BELT TENSIONERS



- ✓ Maintains optimal belt tension
- ✓ Reduces vibration and belt slippage
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FAN GUARDS



- ✓ Protects personnel and equipment
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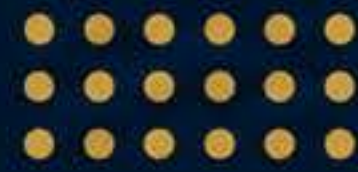
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CUSTOM ENGINEERING OF PRECISIONS COMPONENTS, ASSEMBLIES AND GLOBAL SOURCING SOLUTIONS

OSANTS is your trusted partner for high-quality components and pre-assembled assemblies. We work with qualified suppliers to deliver products that ensure safety, durability, performance, and on-time delivery for every application.

SERVING THE HVAC INDUSTRY

Engineered for performance, efficiency, and indoor comfort.



CUSTOM MANUFACTURING SOLUTIONS

- ✓ Custom Manufacturing Solutions
- ✓ OEM Replacement Parts
- ✓ Reverse Engineered Components
- ✓ Pre-Assembled Units
- ✓ Welded Subassemblies
- ✓ Machined Components
- ✓ Complete HVAC Assemblies



ENGINEERING SOLUTIONS

- ✓ CAD Review
- ✓ Prototype Development
- ✓ Value Engineering
- ✓ Manufacturing Optimization
- ✓ Material Selection
- ✓ Quality Inspection



GLOBAL SUPPLY CHAIN MANAGEMENT

- ✓ Overseas Manufacturing
- ✓ Supplier Qualification
- ✓ Production Oversight
- ✓ Logistics Coordination
- ✓ Packaging Programs
- ✓ Delivery Management



QUALITY ASSURANCE SOLUTIONS

- ✓ Incoming Inspection
- ✓ In-Process Verification
- ✓ Final Inspection
- ✓ Testing & Certification
- ✓ Documentation & Traceability
- ✓ Continuous Improvement



DEDICATED SOLUTIONS

- ✓ Project Management
- ✓ Technical Assistance
- ✓ On-Time Delivery
- ✓ After-Sales Solutions
- ✓ Long-Term Partnerships



STANDARDS & CERTIFICATIONS – CERTIFIED SUPPLIER PER IATF 16949 / ISO 9001

- ✓ Specialized solutions for HVAC systems and components
- ✓ Improved efficiency and system performance
- ✓ Enhanced durability and reliability
- ✓ Corrosion-resistant materials
- ✓ Key installation and maintenance
- ✓ Reliable supply chain partnerships

DUCTWORK COMPONENTS & ACCESSORIES

HVAC UNIT COMPONENTS

PIPING & VALVE ASSEMBLIES

FILTRATION & AIR QUALITY SOLUTIONS

FANS & MOTORS



ISO 9001



Industry-Specific
HVAC Standards



Customer-required
certifications



IATF 16949



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