



# 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.



Precision  
Engineering



Reliable  
Performance



Efficient  
Systems

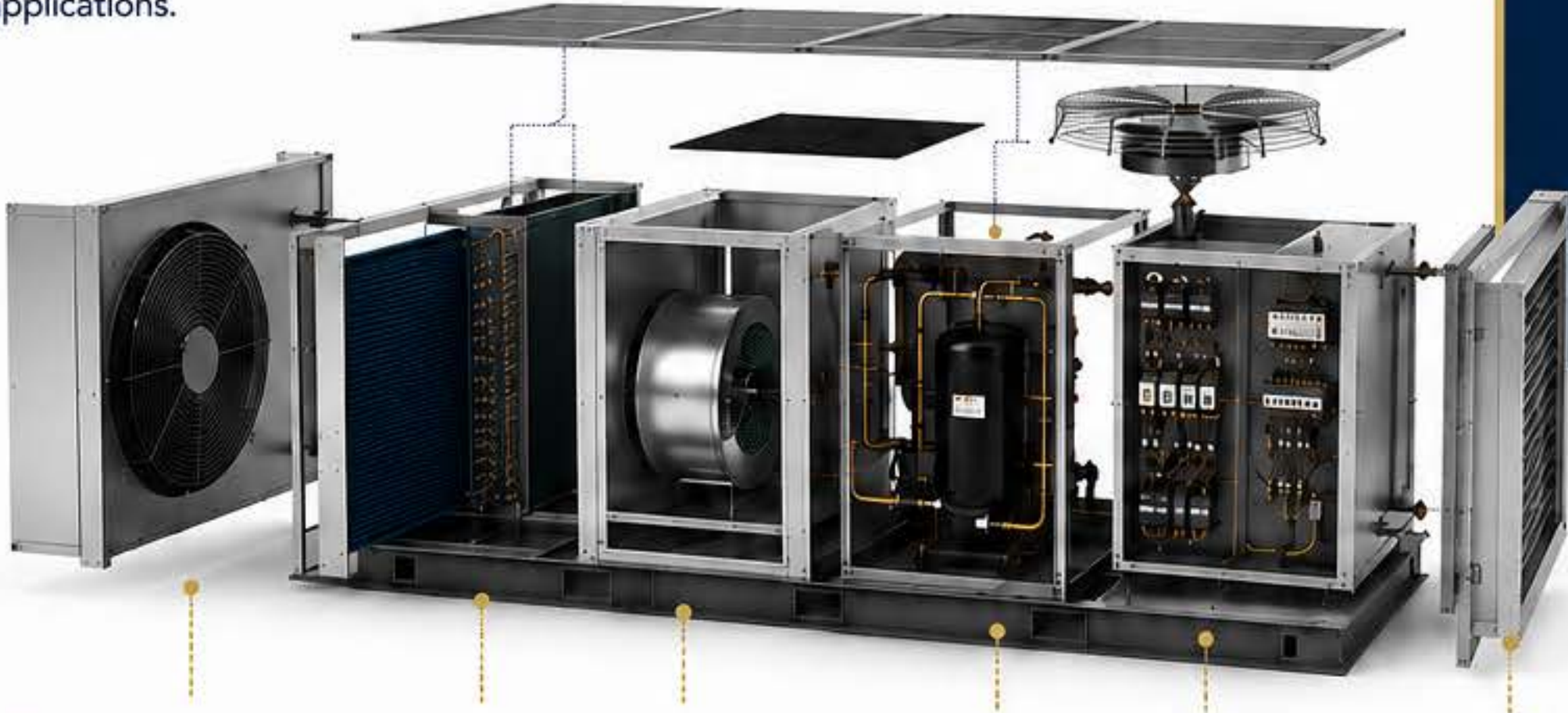


Built to  
Last



# 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

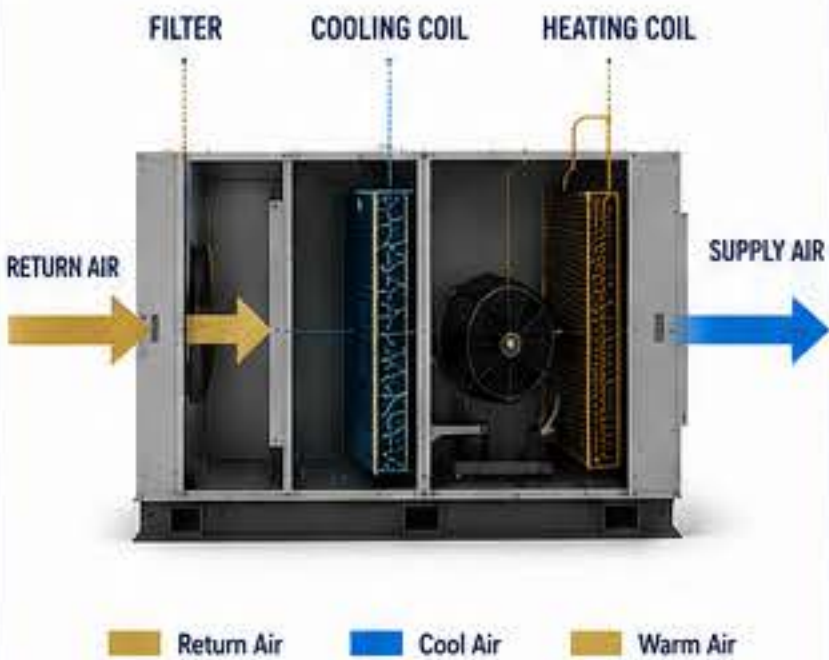
Smart controls and electrical components for safe and reliable operation.



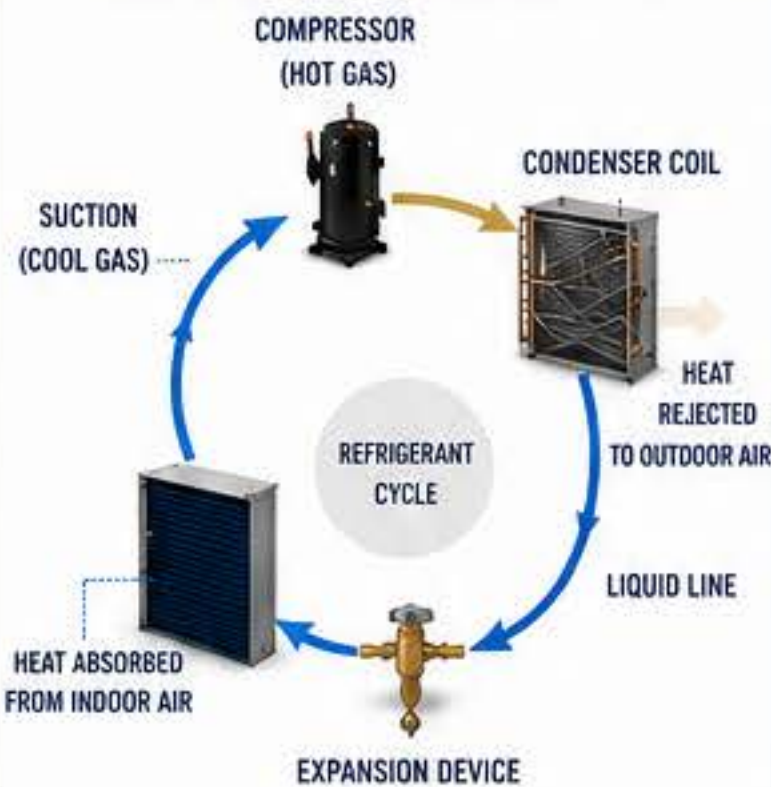
**OSANTS**  
CAN PROVIDE  
COMPONENTS  
OR COMPLETE  
PRE-ASSEMBLED  
UNITS

- ✓ 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.





OSANTS

CONTROLS, ELECTRICAL SYSTEMS & MODULAR HVAC ASSEMBLIES

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



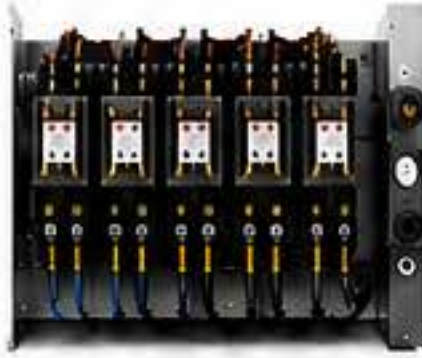
- Reliable power distribution and system protection

WIRING HARNESES



- Pre-assembled for fast, accurate installations

FUSES & RELAYS



- Protect critical components and control circuits

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

HIGH / LOW PRESSURE SWITCHES



- Monitors system pressure for safe and efficient operation

MOTOR OVERLOAD RELAYS



- Protects motors from overcurrent and overheating

THERMOSTAT INTERFACES



- User-friendly control and system connectivity

SKID MOUNTED HVAC SYSTEMS



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

PACKAGED HVAC SYSTEMS



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

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
- 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

FAN MOTORS



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

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

BUILT FOR HVAC PERFORMANCE



OPTIMIZED AIRFLOW

Components designed to maximize air movement, improve system efficiency, and ensure 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.



YOUR PARTNER IN HVAC COMFORT.

Quality components. Efficient systems. Healthy 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



### 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.



### FAN MOTORS



- ✓ High-efficiency performance
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## BUILT SPECIFICALLY FOR HVAC APPLICATIONS



### 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 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



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## TRUSTED HVAC PERFORMANCE

From rooftops to mechanical rooms, OSANTS ventilation components deliver comfort, efficiency, and reliability across every HVAC application.





## 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

### HEATING COMPONENTS



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**TRUSTED HVAC PARTNER**

Quality components. Efficient systems. Healthier environments.







# 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.



DUCTWORK COMPONENTS & ACCESSORIES

HVAC UNIT COMPONENTS

PIPING & VALVE ASSEMBLIES

FILTRATION & AIR QUALITY SOLUTIONS

FANS & MOTORS



### 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



ISO 9001



Industry-Specific  
HVAC Standards



Customer-required  
certifications



IATF 16949



RoHS



### OSANTS ADVANTAGES

- ✓ 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



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