

The logo for OSANTS, featuring the word "OSANTS" in a bold, sans-serif font. The "O" is a yellow circle with a white outline, and the "SANTS" is in dark blue. The logo is positioned in the top left corner of the image, which is a rooftop HVAC system at sunset.

OSANTS

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](#)

OSANTS

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.

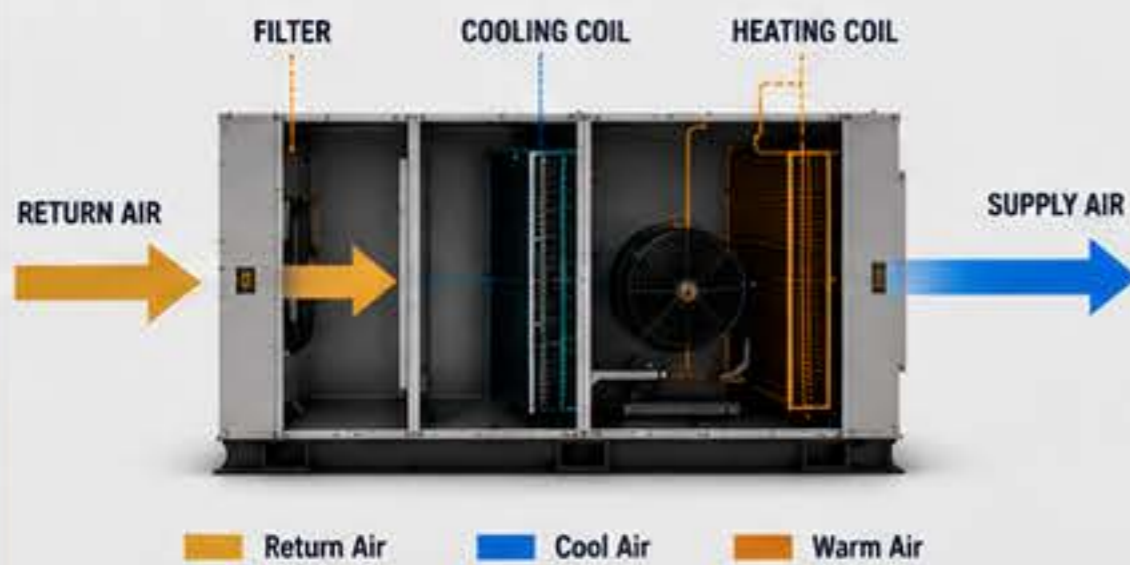


OSANTS

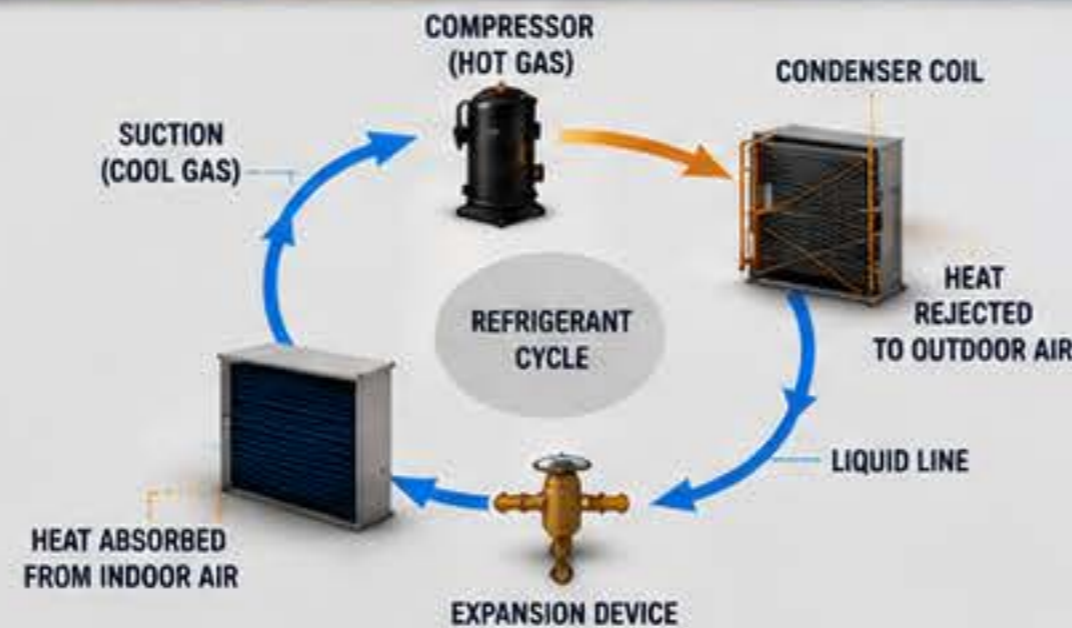
CAN PROVIDE COMPONENTS OR COMPLETE PRE-ASSEMBLED UNITS

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

AIRFLOW ILLUSTRATION



REFRIGERATION CYCLE



TYPICAL APPLICATIONS



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
- ✓ 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

FAN SHROUDS

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

FLANGE BEARINGS

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



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

HEATING COMPONENTS

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 TO LAST

Engineered for demanding environments and long-term reliability.

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



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OSANTS | VENTILATION COMPONENTS

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
- ✓ 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



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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



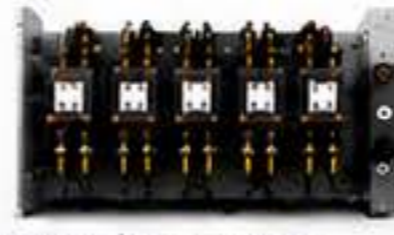
- Reliable power distribution and system protection

🔌 WIRING HARNESSES



- Pre-assembled for fast, accurate installations

🔌 FUSES & RELAYS



- Protect critical components and control circuits

🔌 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

🔌 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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- Easy to install and adjust

🔌 FAN GUARDS



- Protects personnel and equipment
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🔌 FAN MOTORS



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🔌 PULLEYS



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📦 PRE-ASSEMBLED HVAC MODULES

🌀 AIR HANDLING UNITS (AHU)



- Fan Section
- Cooling Coil Section
- Filter Section
- Wiring 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.





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 16849 / ISO 9001

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



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projects@osants.com



(418) 845-8388



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