



OVERSEAS SOURCING PARTNER
ASIA - VIETNAM - INDIA

HVAC

Heating Ventilation and Air
Conditioning



Typical Parts Inside Pre-Assembled
HVAC Packaged Units

Core Refrigeration & Air Conditioning
Parts

Air Handling and
Ventilation Parts

ADVANTAGES

- OSANTS as the Importer of Record (IOR)
- On-site engineering team
- Competitive pricing
- Safety stock program
- Complete logistics service from factory to your door
- Warehousing solutions

Typical Parts Inside Pre-Assembled HVAC Packaged Units

Core Refrigeration & Air Conditioning Parts

- MCompressor – Circulates and compresses refrigerant to enable heat transfer
- Condenser coil – Releases heat from the refrigerant to the outside air
- Evaporator coil – Absorbs heat from indoor air for cooling
- Thermostatic Expansion Valve (TXV) / Metering device – Regulates refrigerant flow into the evaporator
- Refrigerant lines & connections– Carry refrigerant between system components

Air Handling and Ventilation Parts

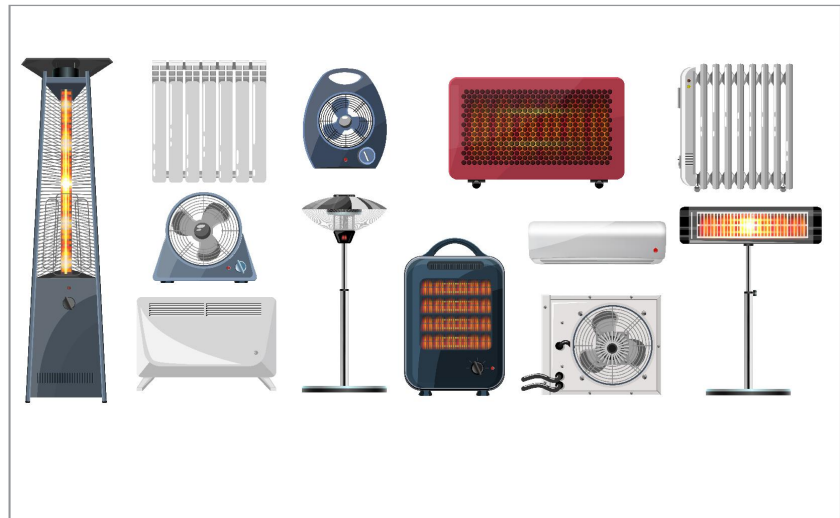
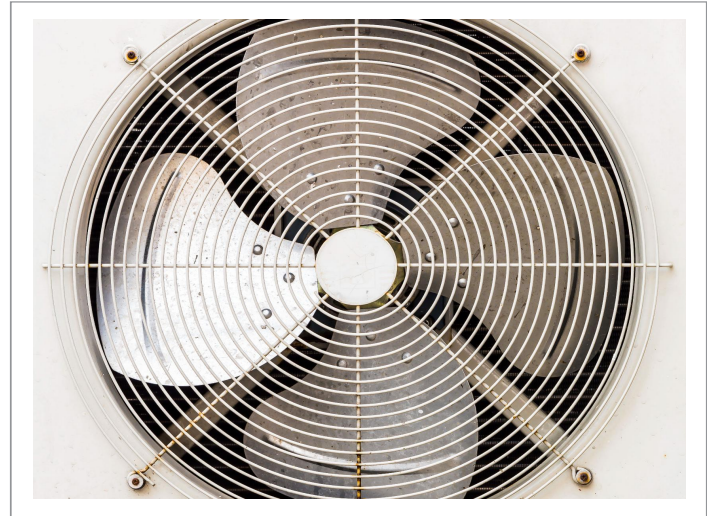
- Air handler / Blower fan – Moves air through the system and ducts
- Evaporator fan motor – Drives the blower to circulate cooled air
- Return air grille / frame – Allows air to return into the system for conditioning

Heating Components (varies by type)

- Gas furnace / Heat exchanger
- Electric heating coils / Auxiliary strips
- Heat pump reversing valve

Controls & Electrical Components

- Control board / Circuit board(s)
- Electrical panel, wiring harness, fuses/relays
- High/low pressure switches
- Overload relays (motors)
- Thermostat interface



OSANTS CAN PROVIDE COMPONENTS OR PRE-ASSEMBLED UNITS

Pre-assembled HVAC Parts (Modules)

Air Handling Unit (AHU) Modules

- Fan section
- Cooling coil section
- Filter section
- Mixing box

Condensing / Compressor Units

- Compressor + condenser coil
- Fans + electrical panel
- Refrigerant circuit pre-charged

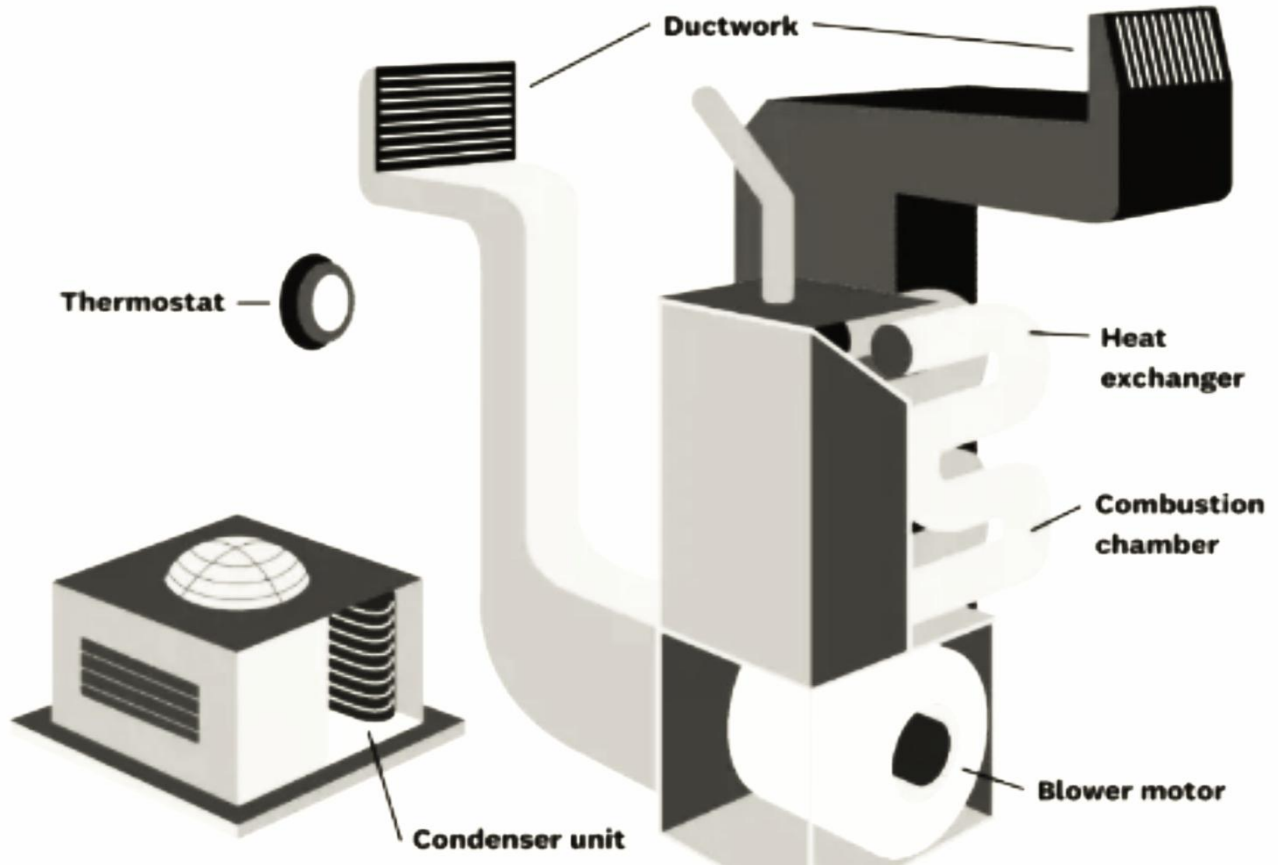
Skid-Mounted HVAC Systems

- Pumps + piping + valves
- Heat exchangers
- Control panel

Our specialized engineers closely monitor each stage of manufacturing and inspection.

All our suppliers are audited, and we select them based on the specifications and certifications required by our clients.

Parts of an HVAC system



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