Packaged Rooftop & Split DX Systems -

A full portfolio of solutions for comfort and process applications



Whether for a large data center, a complex commercial concern or a small business, Withair® offers sustainable options to deliver customized comfort and efficiency. For commercial projects small or large, we've got you covered. Our packaged units and split systems are available in a broad range of capacities. All with Withair® quality, efficiency and reliability.

Our systems have provided heating and air conditioning solutions for demanding applications and deliver the simplicity, efficiency and long-term reliability that give you the competitive advantage you need. and offers the broadest selection of split & packaged system components. Design the system you need for a corner retail shop, light commercial application, office building, hotel, school and more. With our systems, a wide range of outdoor air conditioners and heat pumps works seamlessly with innovative indoor air handlers to create reliable solutions that are easy-to-install and service for a wide range of commercial HVAC needs. Units are designed with the flexibility and compact footprint you need for easy installation.

Withair's small packaged rooftop systems, Ideal for small buildings, provide cost-effective options to increase comfort and energy efficiency, while simplifying operation and maintenance. These packaged systems make advanced functionality affordable and easy for non-technical users to operate.

Withair's light commercial packaged rooftop units deliver reliable and efficient comfort in small to medium size commercial buildings with either single or multiple zones. Our broad portfolio of solutions can meet any building's footprint requirements and are easy to install and maintain.

Withair's large commercial packaged rooftop units offer superior performance and connectivity for more complex building applications, such as data centers or health care facilities, with more rigorous requirements and single or multiple zones.

Healthy, performance, comfort and efficiency for any building, any size.

Packaged & Split Systems

Capacity	Model & Description

10 to 840 kW
3 to 239 tons



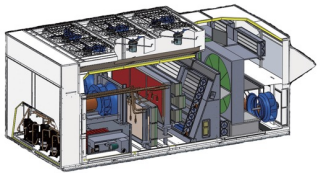
Model W06R1-I series
Refrigerant: R-410A, R-454B
Compressor: DC Inverter Hermetic Scroll
Power supply : 50 and 60 Hz
Ideal applications: Superior comfort and efficiency for small buildings
Unique features : DC Inverter scroll compressor(10~120Hz); 60Hz~330Hz inverter controller; BAS communications; Self-diagnosis function; High precision of temperature control; Easy layout.
Factory-installed options: Roof Mounting Curb, Indirect Gas-Fired Heating, Electric Heating, BMS system, Economizer, Heat Recovery, Hot Gas Reheat, Outdoor EC Axial Fan, Extraction Fan, Humidifier, Outdoor Air, Extreme low-ambient kit to -35℃ (-31℉); High ambient kit to 55℃ (131℉), Antimicrobial UV lights; Anti-corrosion; Sound-reduction packages, etc.

Overview

Withair's **Packaged Rooftop Unit (RTU)** offer superior indoor air quality, industry leading energy efficiency, and provides a full line of rooftop unit to meet demanding HVAC systems requirements, easy to install and maintain for new construction or replacement projects and deliver reliable and efficient comfort in small to big size buildings with either single or multiple zones. Delivers simplicity and performance that give you an advantage on almost every rooftop project.

---

10 to 840 kW
3 to 239 tons



Model W06R1-I series
Refrigerant: R-410A, R-454B
Compressor: DC Inverter Hermetic Scroll
Power supply : 50 and 60 Hz
Ideal applications: Adaptable rooftop solutions for any buildings
Unique features : DC Inverter scroll compressor(10~120Hz); 60Hz~330Hz inverter controller; BAS communications; Self-diagnosis function; High precision of temperature control; Easy layout.
Factory-installed options: Roof Mounting Curb, Indirect Gas-Fired Heating, Electric Heating, BMS system, Economizer, Heat Recovery, Hot Gas Reheat, Outdoor EC Axial Fan, Extraction Fan, Humidifier, Outdoor Air, Extreme low-ambient kit to -35℃ (-31℉); High ambient kit to 55℃ (131℉), Antimicrobial UV lights; Anti-corrosion; Sound-reduction packages, etc.

Overview

Withair's **Dedicated Outdoor Air Systems (DOAS)** are designed to condition up to 100% of outdoor air year-round, reduce latent loads, enhance comfort and energy efficiency, and maintain your building's health. and help improve IAQ to keep your building optimized and the people in your building comfortable. It delivers up to 100% fresh air into your building and meets the ventilation requirements, indicating its ability to help minimize adverse health effects for occupants and helping you dilute the buildup of contaminants in your building — a critical step for improving indoor air quality.

Packaged & Split Systems

Capacity	Model & Description

10 to 530 kW
3 to 150 tons



Model W01R1-TW series
Refrigerant: R-410A, R-454B
Compressor: DC Inverter Hermetic Scroll
Power supply : 50 and 60 Hz
Ideal applications: Superior comfort and efficiency for small buildings
Unique features : DC Inverter scroll compressor(10~120Hz); 60Hz~330Hz inverter controller; BAS communications; Self-diagnosis function; High precision of temperature control; Easy layout.
Factory-installed options: Microchannel Coils; Blue or Golden Epoxy Pre-Coated Coils; Ultraviolet Air Sterilization Lamp; Compressor Soundproof System; Modbus, BACnet Communications Interface Wireless Components; Humidity Control; Electric Heaters, etc.

Overview

Almost invisible, powerful, noiseless and space-saving: this is the Withair® **Through Wall Packaged Heat Pumps Air Conditioner** without an external unit. No more of the usual bulky, unsightly condensing units that spoil homes. Withair® has developed a high-efficiency solution with a hyper-compact design that minimises aesthetic impact. Just 16 centimetres deep, super simple installation and DC Inverter technology to optimise performance.

---

10 to 175 kW
2 to 50 tons



Model W01R1-S series
Refrigerant: R-410A, R-454B
Compressor: DC Inverter Hermetic Scroll
Power supply : 50 and 60 Hz
Ideal applications: Adaptable rooftop solutions for any buildings
Unique features : DC Inverter scroll compressor(10~120Hz); 60Hz~330Hz inverter controller; BAS communications; Self-diagnosis function; High precision of temperature control; Easy layout.
Factory-installed options: Pleated media filters (MERV-8, MERV-13, MERV-14, or a combination filters), Anti-corrosion Cabinet and Structure, Electric Heating, BMS system, Humidifier, Outdoor Air, Extreme low-ambient kit to -35℃ (-31℉); High ambient kit to 55℃ (131℉), Antimicrobial UV lights; Sound-reduction packages, etc.

Overview

Withair® **Commercial Split DX Systems** have provided heating and air conditioning solutions for demanding applications and deliver the simplicity, efficiency and long-term reliability that give you the competitive advantage you need. Withair® offers the broadest selection of split system components. Design the system you need for a corner retail shop, light commercial application, office building, hotel, school and more. With our split systems, a wide range of outdoor air conditioners and heat pumps works seamlessly with innovative indoor air handlers to create reliable solutions that are easy-to-install and service for a wide range of commercial HVAC needs.

Benefits At A Glance

The industrial-grade design of the Withair® Packaged & Split System is ideal for the small to big size buildings, in applications such as office buildings, hospitals, schools, retail buildings, and industrial facilities. The latest advanced compressor, wide operating temperature range, advanced controls, electronic expansion valve, and high efficiencies mean that heat pump is the perfect choice for tight temperature control in almost any application temperatures, and under widely varying loads.

For Building Owners and Managers

- Quiet operation
- Easy to maintain
- Reliable operation
- Reduces operating expenses
- Environmentally sound refrigerant
- Building automation system compatible

For Consulting Engineers

- HFC refrigerants
- High-efficiency optimization
- Ideal for replacement projects
- Compliant local code requirements
- Quick response technical support services

For Contractors

- Compact footprint
- Diagnostic controls
- Easy to break down
- Ideal for replacement
- Reliable performance
- Reduces installation expenses

Premium manufacturer in HVACR products
for Heating,Cooling and Indoor Air Quality.

Learn more at www.withairgroup.com
or follow us info@withairgroup.com

About Withair ®

Withair® is the premium manufacturer in sustainable energy solutions supplying HVACR products & services for heating, cooling, hot water, indoor air quality, industrial refrigeration, and heat recovery that reflect today's demand for sustainable construction, comfortable indoor climate and industrial cooling & heating process application.

© 2025 Withair® All rights reserved.
Withair® reserves the right to introduce at any time whatever modifications deemed necessary for improving the product, The technical data in this document are not binding. No. 25-PSDXS-08.