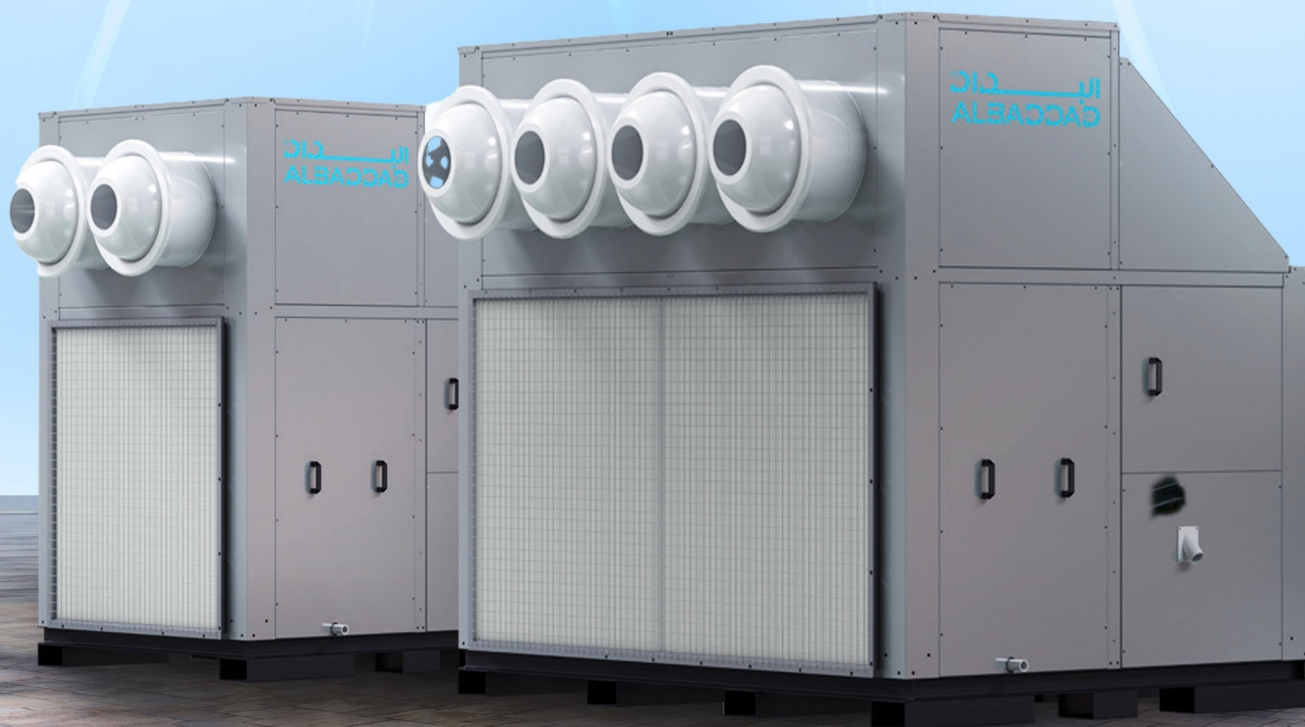


**ALBADDAD**<sup>1971</sup>**xp**

**AIR CONDITIONING  
COOL & HEAT PACKAGES**

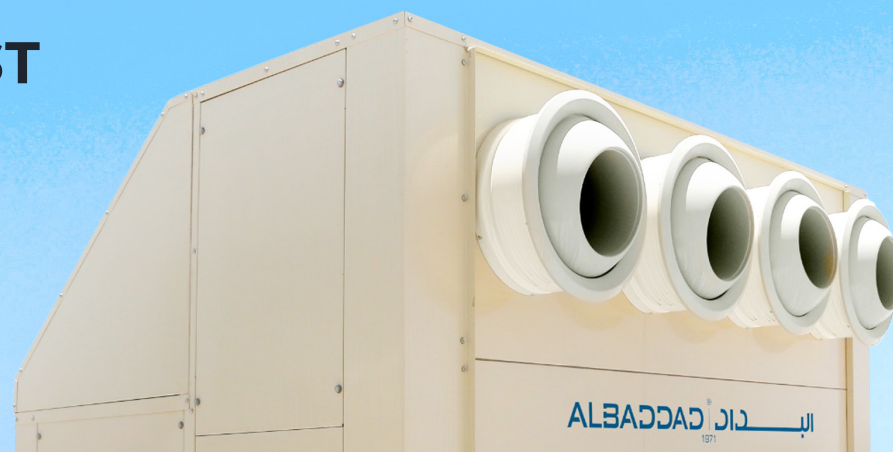




# HIGH EFFICIENCY 50/60HZ ROBUST COOL AND HEAT AHRI CERTIFIED PACKAGE UNITS

6, 10, AND 22 TONS

Suitable for the harshest  
weather conditions.



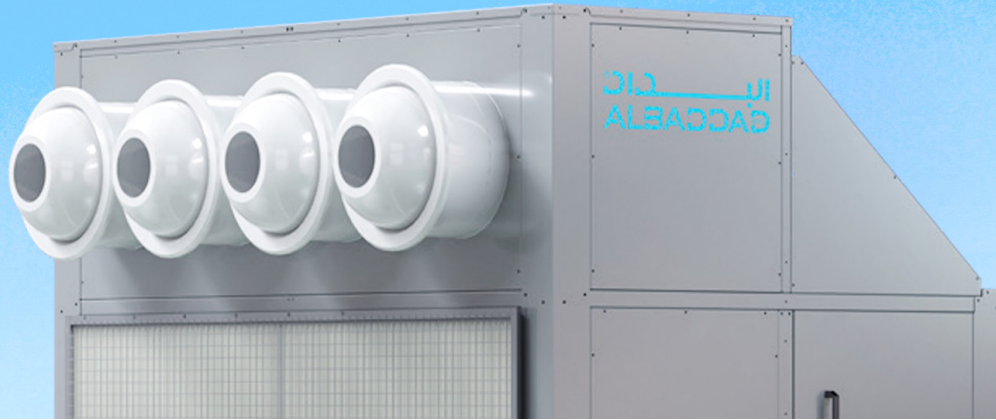
## Product Descriptions and Features:

- ✓ Hermetically sealed scroll compressors.
- ✓ Unit is with Jet diffuser for air supply.
- ✓ Compatible with R-410A refrigerant.
- ✓ IP-54 Control Panel comprising all safety and operational controls.
- ✓ Industrial socket with matching industrial plug.
- ✓ Unit mounted return air thermostat.
- ✓ On-off selector switch.
- ✓ Voltage monitor module for protection against high voltage, low voltage, phase reversal, phase loss and phase unbalance.
- ✓ With forklift pockets openings for transportation.



# HIGH EFFICIENCY INVERTER HEAT & COOL PACKAGE UNITS

15 AND 30 TONS



- ✓ The unit can record the operating data 30 minutes before the fault. It is convenient to check the cause of the fault by analyzing the operating parameters of the unit before power failure.
- ✓ The unique three-level password setting of the controller prevents non-professional personnel from mis-operating the unit, ensuring stable and reliable operation of the unit.
- ✓ Self diagnosis technology: Real time monitoring of system operating parameters through sensors, timely display of feedback faults in case of abnormal operation, facilitating after-sales maintenance.





# HEAVY-DUTY 60 TONS PACKAGED AC UNIT HIGH-CAPACITY COOLING & HEATING | 50/60 HZ | AHRI CERTIFIED

60 TONS



## Product Descriptions and Features:

- ✓ Total cooling capacity: 62.53 TR at 35°C.
- ✓ 3 hermetically sealed scroll compressors.
- ✓ Airflow up to 20,000 CFM with backward fan and jet diffuser.
- ✓ R-410A refrigerant (eco-friendly).
- ✓ IP-54 control panel with full safety protections.
- ✓ Industrial socket with matching plug.
- ✓ Built-in return air thermostat & on/off selector switch.
- ✓ Voltage monitor for high/low voltage, phase loss, reversal, and imbalance.
- ✓ Includes 2" aluminum pre-filters (20x24, 16 pcs).
- ✓ Electric heater: 60–3 kW.
- ✓ Forklift pocket openings for easy transport.
- ✓ Perfect for camps, events, warehouses, and industrial sites.



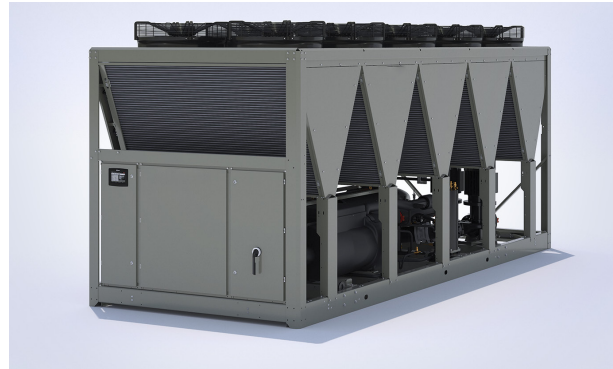
# CHILLERS

20 TO 550 TONS



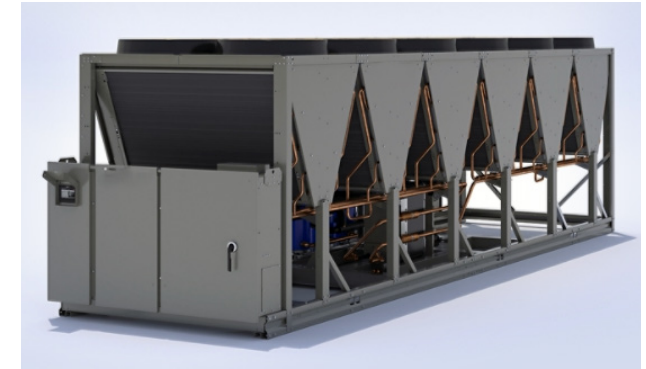
## CGAM Air-Cooled Scroll Chiller

- ✓ Capacity Range: 20 to 130 tons (60Hz)
- ✓ Refrigerant: R-454B
- ✓ Enabled by Symbio 800
- ✓ Energy Efficiency Rating (EER): IPLV: 13.7-16.6 (high-efficiency); 14.5-16.9(extra-high-efficiency)



## Sintesis Air-Cooled Chillers

- ✓ Capacity Range: 115 to 500 tons
- ✓ Enabled by Symbio® 800 unit controller
- ✓ Refrigerant: Low GWP R-513A
- ✓ Compressor Design: Helical rotary screw
- ✓ Energy Efficiency Rating (EER): IPLV: 16.0-18.0 (high-efficiency)

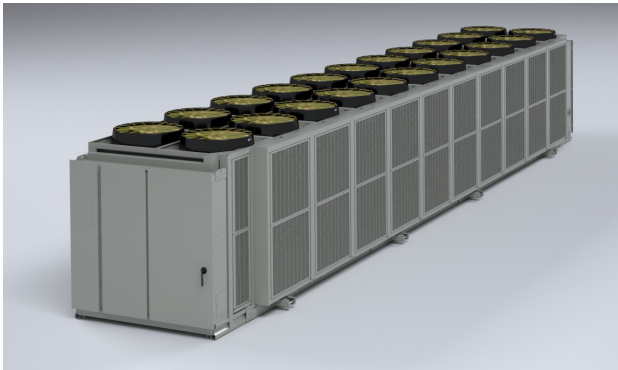


## Ascend Air-Cooled Chiller

- ✓ Capacity Range: 140 to 230 tons
- ✓ Refrigerant: Low GWP R-454B
- ✓ Compressor Design: Scroll with variable volume ratio
- ✓ Energy Efficiency Rating (EER): IPLV: 15.8-16.5
- ✓ Available with 454B

# CHILLERS

20 TO 550 TONS



## Ascend Air-Cooled Chiller with Integrated Free Cooling

- ✓ Capacity Range: 150 to 550 tons
- ✓ Refrigerant: Low GWP R-513A
- ✓ Compressor Design: Helical rotary screw
- ✓ Energy Efficiency Rating (EER): IPLV: 19.7-21.6
- ✓ Enabled by Symbio 800 unit controller
- ✓ Integrated Free-cooling option



## Air-Cooled Oil-Free Magnetic Bearing Chillers

- ✓ 60 to 440 tons
- ✓ Ideal for data centers and other mission critical applications
- ✓ Meets ASHARE 90.4 without need for waterside economizer
- ✓ Up to 4 redundant circuits
- ✓ Available with R-134a refrigerant with options for low GWP R-513A



## Ascend Air-to-Water Heat Pump

- ✓ Electrified heating or cooling
- ✓ Capacity Range: 140 to 230 tons cooling; 1500 to 2500 MBh heating
- ✓ Refrigerant: Low GWP R-454B
- ✓ Intermediate Discharge Valves on scroll compressor
- ✓ Variable speed fans
- ✓ Enabled by Symbio® 800 unit controller
- ✓ Operating Map Heating Mode: 100 F water at 0 F ambient

# HIGH EFFICIENCY INVERTER 48000 BTU

FLOOR STAND CABINET AC UNIT

SASO AND ESMA CERTIFIED



## SUSTAINABILITY IS OUR CORE VALUE

Sustainability at ALBADDAD is more than a policy; it's an integral part of our operations, ensuring every project we undertake sets a benchmark for the industry.

### Top Class Efficiency

Performance rating of EER up to 3.368 and IPLV up to 6.37 both in cooling and heating mode, providing one of the best efficiency levels in the market.

### Advanced Design

Consist of up to two truly independent refrigeration circuits paired with optimised brazed plate heat exchange and copper-aluminium condensing coil.r.

Single component refrigerant with **66% lower** 'Global Warming Potential' factor and improved efficiency and capacity – minimises environmental impact.





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