



Packaged Rooftop Units



XMPX models are ETL Listed and Listed to UL 1995.



Packaged Rooftop Model Overview

The restaurant industry is ever growing, ever changing, and more competitive than ever. Owners today are acutely aware that restaurant comfort is becoming more important for both their customers and their employees. Humidity and temperature swings upset customers, affect employee productivity and morale, damage buildings, reduce the life of décor, and destroy perishable food products such as baked goods. Traditional kitchen design used a dedicated make-up air unit, and one or more small rooftop units with limited outside air capabilities to achieve ventilation requirements, delivering marginal comfort. A superior alternative is Accurex's packaged rooftops, which offer the opportunity to introduce 100% outside air into a unit that heats, cools and dehumidifies, yielding a safe and comfortable environment for diners and employees.

The XMPX provides application solutions for difficult ventilation challenges.

- Designed for 100% outdoor air applications
- Air-cooled with six-row DX coil
- Energy efficiency ratings (EERs) calculated for each application typically ranging from 10.5 to 13
- Modulating hot gas reheat
- Modulating indirect gas-fired heat
- Belt drive plenum fans
- Optional variable frequency drives (VFDs)
- 5 to 30 tons of cooling
- 100 to 800 MBH of heating input
- Four cabinet sizes
- Factory wired with disconnect
- Through-the-curb gas and electric connections
- Air volumes up to 9,000 cfm (15,291 m³/hr)
- SCR modulating electric heat

Packaged Rooftop

Standard Construction Features

XMPX.

1 Plenum Supply Fan

- Backward inclined airfoil centrifugal wheel
- Neoprene isolation
- 12-bladed design for quiet operation
- 1-inch spring isolation



2 Double-Wall Construction

- 2-inch insulation secured in place between solid inner and outer panels
- Insulation density of 1.5 lbs/cu. ft.

3 Filters

- 2-inch aluminum mesh filters
- MERV 8 pre-filters
- 2-inch MERV 13, 4-inch MERV 13, and 4-inch MERV 15 post-filters

Hinged Access Doors

- Provides access for maintenance
- Easy lift-off removable doors (Not shown)

4 Control Center

- 24 VAC control voltage
- Magnetic supply motor starter with solid state overload protection
- Up to (2) exhaust fan starters
- Control transformer
- Disconnect switch
- UL Listed, Recognized, or Classified electrical components
- Factory prewired for single point power connection



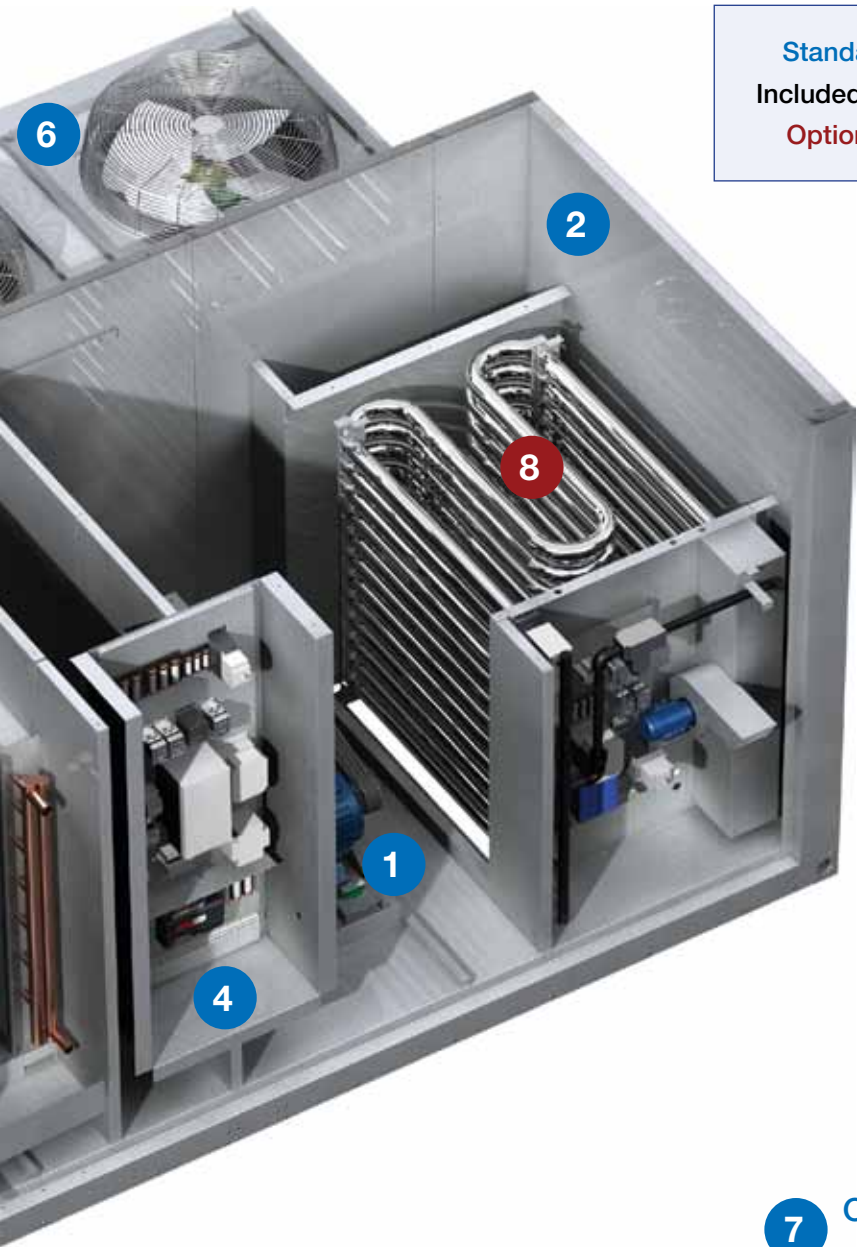
5 Weatherhood

- 1/2-inch birdscreen intake weatherhood
- 2-inch aluminum mesh filters (mist eliminating)



Intake Weatherhood

Packaged Rooftop Options and Accessories XMPX.



Standard Feature
Included with Feature
Optional Feature

Optional Accessories

- Roof curbs
- DDC controls with BACnet or LonTalk control interface
- Remote panel
- Painted exteriors
- Dirty filter sensors
- Room temperature sensor
- Room humidity sensor

8 Heating Options

- Indirect gas-fired furnace
 - Optional stainless steel heat exchanger – 5 or 10 years extended warranty available
- Electric heater including:
 - SCR control
 - Single-point power connection
 - ETL Certification



IG Heater

7 Compressors

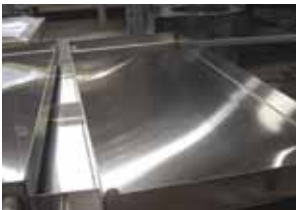
- Quiet operating hermetic, scroll-type
- 5 to 30 tons of mechanical cooling
- 2 circuits up to 20 tons
- 4 circuits over 20 tons



Compressors

6 Packaged DX Cooling

- Packaged direct expansion [PDX]
- R410a refrigerant
- All coils with copper tubes with permanently expanded aluminum fins
- Mounted on an insulated stainless steel drain pan



Drain Pan



PDX & Hot Gas Reheat Coils

Reheat

- Modulating hot gas reheat
- 6-inch separation between evaporator and reheat coil components