



YORK® YCAE-X AC Scroll Chiller

Modular and extendable with R-410A



Unmatched features

Johnson Controls (YORK®) introduces Premium Air Cooled Modular Scroll Chillers with 18.5, 28.4 and 37 TR basic modules that are extendable up to 1184 TR with R-410A refrigerant.

The YORK® YCAE-X Series of Air Cooled Scroll Chillers is designed for exceptional energy efficiency with in-built redundancy, and unmatched reliability that supports sustainability. The YCAE-X Series has a modular design with the flexibility to combine up to 32 modules – this makes it perfect for both retrofits and new construction.

Exceptional performance

The YCAE-X series has an ultra-high efficiency (COP) ranging from 3.19 to 3.42

Widest temperature range

These chillers have the industry's broadest chilled water outlet temperature range of 5-15°C. They are suitable for operation across segments such as industrial, process, pharmaceutical, automobile, hospitals, hotels, and offices, among others. The units have an outlet temperature range of 30-52°C while operating as a heat pump.

Suitable for outdoor installation

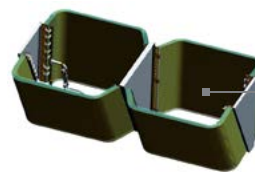
These chillers can operate in the temperature range of 10-48°C when cooling and in the temperature range of -15-25°C when heating. These ranges cover the entire spectrum of harsh temperature conditions across all Indian cities.

In-built redundancy

The multiple-compressor design ensures the failure of a single compressor won't affect the normal operation of the entire unit.

Reliability

1. Multi-compressor design ensures reliable operation of entire system.
2. Balanced operating time of compressors extends the overall service life of the unit.
3. HALT - Highly Accelerated Lifecycle Test (HALT)
 - Industry's first in China
 - Biggest testing capacity (up to 260kW) in the world
 - Simulation of operating environment through testing:
 - 24/7 operation
 - Defrost cycle
 - Condensate water drainage
 - Ambient range of -25°C ~ 60°C testing condition
 - Testing for a couple of weeks in the lab is equivalent to 5-10 years of operation in the field.
 - RTPF Blue Fin with **innovative U-shaped** four-size air inlet.
 - Waterside heat exchanger: 316 sst BPHE



Innovative U-shaped air inlet

Wide availability

These chillers are supplied, installed and serviced by exclusive channel partners of Johnson Controls across the country.

The YORK® YCAE-X is exclusively supplied through our channel partners. To learn more, contact:

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The power behind your mission

