

YK Water-cooled centrifugal chiller

Cooling capacities from 800 kW to 11250 kW

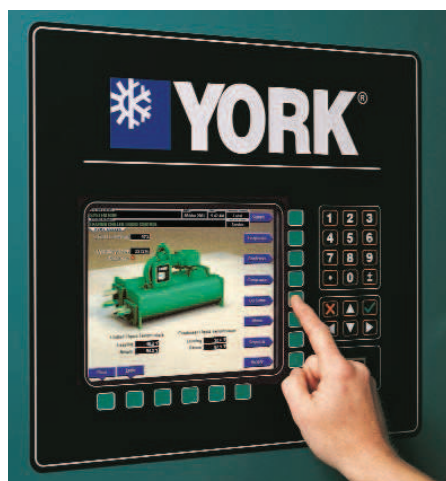
Available configurations that meet A Class energy efficiency levels at Eurovent Standard Conditions.



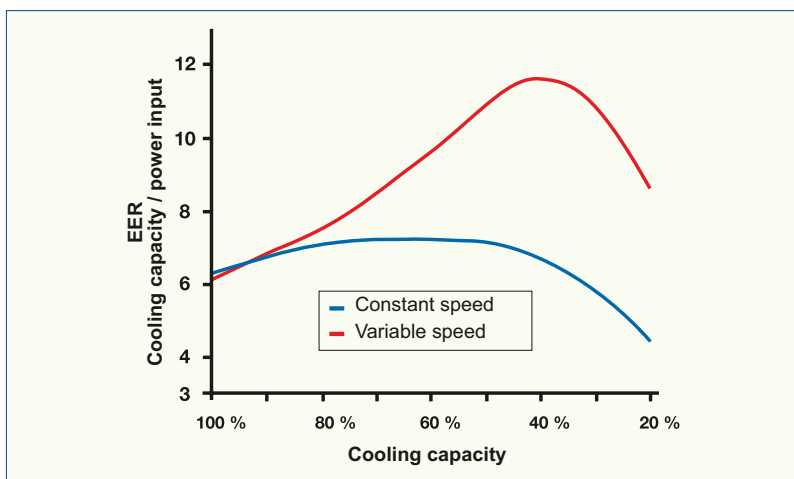
Compatible range

Features

- The YORK YK chiller is designed for air conditioning and process applications.
- The high efficiency single-stage centrifugal compressor is powered by an open-drive motor. This provides flexibility to operate the chiller with electricity, steam, or gas depending on utility rates.
- The YK utilizes a falling film evaporator to increase chiller efficiency and reduce refrigerant charges, which makes it ideal for LEED® building applications.
- This chiller is designed for indoor mechanical room installation and it requires a cooling tower for heat dissipation
- The inherent design flexibility of this chiller allows it to be precisely selected for any building load profile.



OptiView panel



Speed comparison

Water-cooled centrifugal chiller

YK



Nominal capacity

Model	Code	Cooling capacity kW
YK	Q3 - Q7	800 - 2100
	P7 - P9	1750 - 2800
	H9	2400 - 3800
	K1 - K7	3200 - 9850
YK-EP	K7 & Q3	8800 - 11250

Cooling capacities at 7°C leaving chilled water and 30 °C entering condensed water.
The table above shows only a representative sample of performance points based on generic project operating conditions working with R134a refrigerant.
For R513a information contact your JCI Representative.

Heat Recovery

The YK Heat Recovery option can be used for domestic hot water preheat, process heat, facility air reheat, and humidity control. Heat recovery delivers operational savings, CO2 reductions, and reduced water consumption.



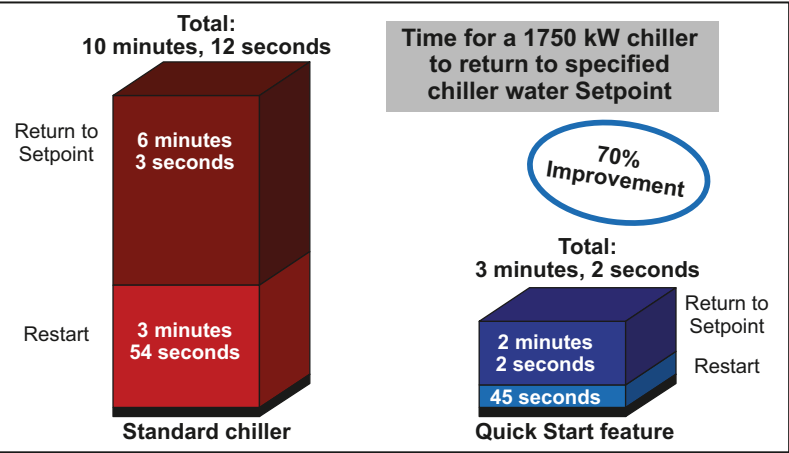
Medium Voltage Variable Speed Drive

YORK has a full line of unit mounted and floor mounted Variable Speed Drives, from 380V to 11,000V, to maximize operational savings at off design conditions; which typically occur 99% of the time!



Quick Start (only available for VSD units)

Utilize Quick Start technology to improve chiller starting times and get back to setpoint up to 70% faster than standard chiller designs!



Manufacturer reserves the rights to change specifications without prior notice.