


# YORK® WATER-COOLED CHILLERS

CAPACITY	MODEL AND DESCRIPTION	
50 – 200 TR 175 – 700 kW	<p><b>Model YCWL—scroll compressor*</b></p> <p><b>Unique Features:</b> heat-pump capability (non-reversing type), standard BAS communications, brine to 15°F (-9°C), remote-condenser option, reduced Minimum Circuit Ampacity option, equipped with Smart Connected technology – a cloud-based analytics and monitoring system</p> <p><b>Ideal Applications:</b> comfort cooling and process / industrial cooling</p>	
120 – 300 TR 420 – 1055 kW	<p><b>Model YVWA—VSD screw compressor</b></p> <p><b>Unique Features:</b> variable-speed drive, high-head capability, hybrid falling-film evaporator, heat pump to 150°F (66°C), equipped with Smart Connected technology – a cloud-based analytics and monitoring system</p> <p><b>Ideal Applications:</b> comfort and process cooling, glycol chilling, heat recovery, heat pump</p>	
120 – 1380 TR 420 – 4850 kW	<p><b>Model YIA—low pressure steam / hot-water absorption**</b></p> <p><b>Unique Features:</b> OptiView™ control panel, SmartPurge, ADVAGuard™ corrosion inhibitor, equipped with Smart Connected technology – a cloud-based analytics and monitoring system</p> <p><b>Ideal Applications:</b> Combined Heat and Power (CHP), comfort cooling, industrial process cooling</p>	
200 – 700 TR 700 – 2460 kW	<p><b>Model YPC—high pressure steam / oil / gas absorption**</b></p> <p><b>Unique Features:</b> parallel flow cycle, SmartPurge, ADVAGuard™ corrosion inhibitor, equipped with Smart Connected technology – a cloud-based analytics and monitoring system</p> <p><b>Ideal Applications:</b> sites with waste heat or limited electricity, comfort cooling and heating</p>	
165 – 1000 TR 580 – 3500 kW	<p><b>Model YMC<sup>2</sup>—magnetic centrifugal compressor</b></p> <p><b>Unique Features:</b> 30% less refrigerant, as low as 70 dBA, OptiView™ control panel, OptiSound™ control, OptiSpeed™ variable-speed drive, minimum ECWT as low as 36°F (2°C), quick start, 8-foot shells, equipped with Smart Connected technology – a cloud-based analytics and monitoring system</p> <p><b>Ideal Applications:</b> comfort cooling, facilities requiring low sound levels, green / LEED® buildings, data centers</p>	

All chillers are electric-driven and use refrigerant R-134a unless otherwise noted.

\* Uses R-410A as a refrigerant.

\*\* Absorption chillers do not use an electric drive compressor and employ water as the refrigerant.

**CAPACITY**

**MODEL AND DESCRIPTION**

**250 – 3000 TR**  
880 – 10,550 kW

**Model YK—centrifugal compressor**

**Unique Features:** OptiSpeed™ variable-speed drive, heat-recovery capability, quick start feature, OptiSound™ control, OptiView™ control panel, equipped with Smart Connected technology – a cloud-based analytics and monitoring system  
**Ideal Applications:** comfort cooling, heat-recovery sites, data centers



**2500 – 3500 TR**  
8800 – 12,300 kW

**Model YK-EP—centrifugal compressors with economizer**

**Unique Features:** higher efficiency at design and off-design conditions, OptiSpeed™ variable-speed drive, single OptiView™ control panel, equipped with Smart Connected technology – a cloud-based analytics and monitoring system  
**Ideal Applications:** district cooling, process / industrial cooling, data centers, turbine inlet-air cooling



**1500 – 6000 TR**  
5300 – 21,100 kW

**Model YD—dual centrifugal compressors**

**Unique Features:** smallest footprint per cooling ton in the industry, OptiSpeed™ variable-speed drive, OptiSound™ control, single OptiView™ control panel, equipped with Smart Connected technology – a cloud-based analytics and monitoring system  
**Ideal Applications:** district cooling, retrofits, building additions



**300 – 2500 TR**  
1050 – 8800 kW

**Model CYK—compound centrifugal compressors**

**Unique Features:** high-head and heat-pump capability  
**Ideal Applications:** air-cooled condensing, brine chilling, heat pump, process / industrial cooling



**700 – 2800 TR**  
2460 – 9850 kW

**Model YST—steam turbine drive centrifugal compressor\*\***

**Unique Features:** completely prepackaged, automatic start-up, OptiView™ control panel, equipped with Smart Connected technology – a cloud-based analytics and monitoring system  
**Ideal Applications:** Combined Heat and Power (CHP), comfort cooling, industrial process cooling



**3000 – 5500 TR**  
10,550 – 19,350 kW

**Titan Model OM—centrifugal compressor with electric-motor, steam-turbine**

**Unique Features:** flexibility, longest life expectancy, easily retrofitted  
**Ideal Applications:** district cooling, air-cooled condensing, brine chilling, heat pump, process / industrial cooling



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