

# Air-Cooled Chillers

Capacity	Model and Description	
<p>15 – 35 TR 50 – 125 KW</p>	<p><b>Model YCAL – scroll compressor</b>  <b>Refrigerant:</b> HFC-410A  <b>Unique Features:</b> Brazed plate heat-exchanger, BAS communications, service isolation valves, high ambient kit to -10°F (-23°C), equipped with Smart Connected technology – a cloud-based analytics and monitoring system.  <b>Available Options:</b> Remote evaporator option, hot gas bypass, factory-mounted hydronic pump kit, low ambient kit to 0°F (-18°C).</p>	
<p>40-230 TR 140-800 KW</p>	<p><b>Model YLAA – scroll compressor</b>  <b>Refrigerant:</b> HFC-410A  <b>Unique Features:</b> Brazed plate heat exchanger, microchannel condenser, BAS communications, high ambient kit to 125°F (52°C), equipped with Smart Connected technology – a cloud-based analytics and monitoring system.  <b>Available Options:</b> Heat recovery capability, remote evaporator option, hot gas bypass, factory-mounted VSD hydronic pump kit, low ambient kit to 10°F (-23°C), optional VSD fans.</p>	
<p>150 – 500 TR 525 – 1,750 KW</p>	<p><b>Model YVAA – VSD screw compressor</b>  <b>Refrigerant:</b> R-134a and R-513a  <b>Unique Features:</b> Variable speed drive, hybrid falling film evaporator, microchannel condenser, operation is from -10°F (-23°C) to 131°F (55°C) ambient, capacity turndown to 10 percent load, BAS communications, equipped with Smart Connected technology – a cloud-based analytics and monitoring system  <b>Available Options:</b> Industry-leading IPLVs, sound reduction packages, condenser options including electrostatic coating and tube and fin type.</p>	
<p>150 – 450 TR 530 – 1580 KW</p>	<p><b>Model YVFA Free-Cooling – VSD screw compressor</b>  <b>Refrigerant:</b> HFC-134a  <b>Unique Features:</b> Variable speed drive, high-efficiency air-to-liquid free-cooling coils, hybrid mode, optimized liquid circuit, BAS communications, operation from -20°F (-29°C) to 131°F (55°C)  <b>Available Options:</b> Quick start, sound reduction package, open loop, closed loop.</p>	
<p>150 – 450 TR 530 – 1580 KW</p>	<p><b>YCIV air-cooled screw compressor chiller</b>  <b>Refrigerant:</b> R-134a and R-513a  <b>Unique Features:</b> Variable speed drive, DX evaporator, tube and fine condenser, operation is from 0°F (-17°C) to 125°F (51°C) ambient, capacity turndown to 10 percent load, BAS communications.  <b>Available Options:</b> Remote evaporator, low temperature brine, sound reduction packages.</p>	

# Air-Cooled Condensing Units and Condensers

Capacity	Model and Description	
<b>15 – 80 TR</b> <b>50 – 280 KW</b>	<b>Model YCUL – scroll compressor</b> <b>Refrigerant:</b> HFC-410A <b>Unique Features:</b> BAS communications, service isolation valves, high ambient kit to 125°F (52°C), equipped with Smart Connected technology – a cloud-based analytics and monitoring system. <b>Available Options:</b> hot gas bypass, low ambient kit to 0°F (-18°C).	
<b>80 – 160 TR</b> <b>280 – 560 KW</b>	<b>Model YLUA – scroll compressor</b> <b>Refrigerant:</b> HFC-410A <b>Unique Features:</b> Conventional tube and fin coils, BAS communications, high ambient kit to 125°F (52°C), equipped with Smart Connected technology – a cloud-based analytics and monitoring system. <b>Available Options:</b> hot gas bypass, low ambient kit to 0°F (-18°C).	


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