

# YORK® AIR-COOLED CHILLERS

| CAPACITY  | MODEL AND DESCRIPTION   |
|---|---|
| 15 – 65 TR<br>50 – 225 kW   | <p><b>Model YCAL—scroll compressor</b><br/> <b>Refrigerant:</b> HFC-410A<br/> <b>Unique Features:</b> brazed plate heat-exchanger, 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<br/> <b>Available Options:</b> remote-evaporator option, hot-gas bypass, factory-mounted hydronic-pump kit, low-ambient kit to 0°F (-18 °C)</p>   |
| 55 – 175 TR<br>195 – 615 kW   | <p><b>Model YLAA—scroll compressor</b><br/> <b>Refrigerant:</b> HFC-410A<br/> <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<br/> <b>Available Options:</b> heat-recovery capability, remote-evaporator option, hot-gas bypass, factory-mounted VSD hydronic-pump kit, low-ambient kit to 0°F (-18 °C), optional VSD fans</p>    |
| HEATING<br>1,390 – 2,040 MBH<br>400 – 600 kW<br><br>COOLING<br>115 – 170 TR<br>400 – 600 kW | <p><b>Model YLPA Heat Pump—scroll compressor</b><br/> <b>Refrigerant:</b> HFC-410A<br/> <b>Unique Features:</b> shell-and-tube evaporator, fin-and-tube ambient coils, patented liquid-distribution system, reversible with 4-way valve, BAS communications, up to 130 °F (54 °C) hot water, equipped with Smart Connected technology – a cloud-based analytics and monitoring system<br/> <b>Available Options:</b> single-point circuit breaker, sound-reduction packages</p>    |
| 150 – 500 TR<br>525 – 1,750 kW  | <p><b>Model YVAA—VSD screw compressor</b><br/> <b>Refrigerant:</b> HFC-134a<br/> <b>Unique Features:</b> variable-speed drive, hybrid falling-film evaporator, microchannel condenser, operation from 0 °F (-18 °C) to 131 °F (55 °C) ambient, capacity turndown to 10% load, BAS communications, equipped with Smart Connected technology – a cloud-based analytics and monitoring system<br/> <b>Available Options:</b> Industry-leading IPLVs, sound-reduction packages, condenser options including electrostatic coating and tube and fin type</p>  |
| 150 – 450 TR<br>530 – 1580 kW   | <p><b>Model YVFA Free-Cooling—VSD screw compressor</b><br/> <b>Refrigerant:</b> HFC-134a<br/> <b>Unique Features:</b> variable-speed drive, high-efficiency air-to-liquid free-cooling coils, hybrid mode, optimized liquid circuit, BAS communications<br/> <b>Available Options:</b> quick start, sound-reduction package, open loop, closed loop</p>    |

# AIR-COOLED CONDENSING UNITS & CONDENSERS

| CAPACITY                    | MODEL AND DESCRIPTION   |   |
|-----------------------------|---|---|
| 15 – 80 TR<br>50 – 280 kW   | <b>Model YCUL—scroll compressor</b><br><b>Refrigerant:</b> HFC-410A<br><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<br><b>Available Options:</b> hot-gas bypass, low-ambient kit to 0 °F (-18 °C)   |    |
| 80 – 160 TR<br>280 – 560 kW | <b>Model YLUA—scroll compressor</b><br><b>Refrigerant:</b> HFC-410A<br><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<br><b>Available Options:</b> hot-gas bypass, low-ambient kit to 0 °F (-18 °C)  |    |
| 175 – 2,280 MBH             | <b>Model VDC</b><br><b>Refrigerant:</b> HFC-410A<br><b>Unique Features:</b> remote air cooled condenser, match with chillers (including YCRL) or refrigeration systems, panel includes disconnect switch and motor protection, flexible configuration from 1 to 12 fans<br><b>Available Options:</b> low-sound fans, manifold kit, fan cycling by refrigerant pressure or ambient temperature, VFD-ready motors, coil-fin options, painted unit casing, multiple coil circuits per unit |   |
| 65 – 2,890 MBH              | <b>Model VDCF</b><br><b>Fluid:</b> Water, glycol<br><b>Unique Features:</b> fluid cooler for use with range of liquids, free-cooling applications, industrial-fluid cooling, closed-loop alternative to cooling towers reduces water maintenance<br><b>Available Options:</b> low-sound fans, manifold kit, fan cycling by liquid temperature, VFD-ready motors, coil-fin options, painted unit casing  |  |



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