

# ODX-230

## OUTDOOR DIRECT EXPANSION (ODX)

The OptiCool ODX-230 unit pairs with a single OptiCool RPC-230 pump to create a high quality system that provides precision cooling in any mission critical infrastructure where Direct eXpansion (DX) cooling applications are required.

The OptiCool ODX-230 unit manages the transfer of heat from the RPC-230 pump to the outdoors using R-410A refrigerant. The unit has variable capacity compressors, which allow for low and fluctuating heat loads. The ODX-230 unit is air-cooled condenser that can be roof or ground-mounted.

The ODX-230 unit is part of a system and requires other OptiCool products for effective heat transfer out of the room. Each ODX-230 unit also requires an OptiCool RPC-230 pump.



### Specifications

<b>ODX POWER CONSUMPTION**:</b>	82 kW
<b>ODX WEIGHT:</b>	3,600 lb
<b>ODX DIMENSIONS:</b>	90 in. x 98 in. x 101 in.
<b>COMPRESSORS (BLDC SCROLL):</b>	4
<b>AMBIENT OPERATING RANGE:</b>	-40°F to 120°F
<b>MINIMUM LOAD REQUIRED***:</b>	22 kW
<b>ODX/RPC EQUIVALENT SUPPLY LENGTH (MAX)***:</b>	185 ft
<b>SECONDARY CIRCUIT REFRIGERANT:</b>	R-410A
<b>MAX POWER CONSUMPTION PER AHX:</b>	131.5 W
<b>MCA:</b>	480 V, 3 Phase, 139 amp 208 V / 230 V, 3 Phase, 313 amp
<b>MOPD:</b>	480 V, 3 Phase, 150 amp 208 V / 230 V, 3 Phase, 350 amp
<b>CERTIFICATION:</b>	ISSO 9001

\*\*100% @ Rated Condition of 95°F

\*\*\*Minimum load may vary with line length and elevation

### Features

-  Assembled in the USA.
-  Integrated communication with RPC for data monitoring.
-  Aesthetic design and light-weight with compact outdoor footprint.
-  Redundant capable with multiple compressors.
-  Variable speed compressors for precise temperature control and minimal power consumption.

