

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

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

