

ODX-115

OUTDOOR DIRECT EXPANSION (ODX)

The OptiCool ODX-115 unit pairs with a single OptiCool RPC-115 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-115 unit manages the transfer of heat from the RPC-115 pump to the outdoors using R-410A refrigerant. The unit has variable capacity compressors, which allow for low and fluctuating heat loads. The ODX-115 unit is air-cooled condenser that can be roof or ground-mounted.

The ODX-115 unit is part of a system and requires other OptiCool products for effective heat transfer out of the room. Each ODX-115 unit also requires an OptiCool RPC-115 pump.



Specifications

ODX POWER CONSUMPTION**:	41 kW
ODX WEIGHT:	1,800 lb
ODX DIMENSIONS:	45 in. x 98 in. x 100 in.
COMPRESSORS (BLDC SCROLL):	2
AMBIENT OPERATING RANGE:	-40°F – 120°F
MINIMUM LOAD REQUIRED***:	12 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, 75 amp 208 V / 230 V, 3 Phase, 165 amp
MOPD:	480 V, 3 Phase, 100 amp 208 V / 230 V, 3 Phase, 225 amp
CERTIFICATION:	ISO 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.

