

Product Specifications

Philips Healthcare – Omega 1.5/3.0



For installations with ambient temperatures warmer than 45 °C (113 °F)

Chiller Model

cBoxX 70

Technical Data

Net cooling capacity @ 60Hz
Refrigerant
Required air flow (Condenser)
Installation
Compressors
Fans
Pumps

45 kW (139898 BTU)
R410A
36000 m³/h (22366 CFM)
Outdoor Installation
2
2
2

Operation Limits

Ambient temperature – design point
Maximum ambient temperature
Minimum ambient temperature

50° C (122° F)
55° C (131° F)
-25° C (-13° F)

Electrical Data

Maximum power consumption
Maximum current consumption
Maximum fuse size
Supply voltage

29 kW
45 A
80 A
460/3/60 +/- 10 %

Dimensions, weights and sound level

Net weight (Empty - Dry)
Gross weight (Operation – Wet)
Sound level at distance of 5 m (15 Feet)
Width
Depth
Height

650 kg (1,433 lbs.)
700 kg (1,543 lbs.)
60 dB(A)
830 mm (33 in.)
1840 mm (72 in.)
2030 mm (80 in.)

Fluid Circuit

Coolant Type
Approved glycol
Coolant outlet temperature (LFT)
Temperature accuracy
Available coolant Flow
Available coolant pressure
Piping connections

Water / Glycol (KKT protect) 35%
Ethylene or Propylene
13° C (55° F)
+/- 2.0 K
5.0 m³/hr. (22 GPM)
5.0 bar (73 PSI)
2" RP

Added Features

Closed pressurized fluid system (including expansion tank)
UL / ETL Listed
Hot gas bypass
Mounting feet
Seaworthy packaging
Chiller Interface Panel (CIP) – Packaged separately
Remote control panel with 50m (164 Ft.) cable– Packaged with chiller
Water filter module – In CIP
Insulation of cold pipes in refrigeration circuit

Included
Included
Included
Included
Included
Included
Included
Included

Available options

Seismic kit – Packaged separately

Available upon request
Available upon request
Available upon request
Available upon request

General

Paint (Standard)

RAL7035



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