

# 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



KKT chillers, Inc.

1280 Landmeier Road, Elk Grove Village, IL 60007

T: 847 734 1600 | F: 847 734 1601 | E: sales@kkt-chillers.usa.com | W: www.kkt-chillers-usa.com