

# Product Specifications

## Philips Healthcare – Omega 1.5/3.0

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



### Chiller Model

### cBoxX 60

#### Technical Data

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

41 kW (139898 BTU)  
R410A  
20000 m<sup>3</sup>/h (11772 CFM)  
Outdoor Installation  
2  
1  
2

#### Operation Limits

Ambient temperature – design point  
Maximum ambient temperature  
Minimum ambient temperature

45° C (113° F)  
45° C (113° F)  
-25° C (-13° F)

#### Electrical Data

Maximum power consumption  
Maximum current consumption  
Maximum fuse size  
Supply voltage

28.1 kW  
42.7 A  
60 A  
460/3/60 +/- 10 %

#### Dimensions, weights and sound level

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

620 kg (1,367 lbs.)  
670 kg (1,477 lbs.)  
55 dB(A)  
830 mm (33 in.)  
1240 mm (49 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 m<sup>3</sup>/hr. (22 GPM)  
5.0 bar (73 PSI)  
1-1/2" RP

#### Added Features

Closed pressurized fluid system (including expansion tank)  
UL / ETL Listed  
Mounting feet  
Seaworthy packaging  
Chiller Interface Panel (CIP) – Packaged separately  
Remote control panel with 50m (164 Ft.) cable– Packaged with chiller

Included  
Included  
Included  
Included  
Included  
Included

#### Available options

Seismic kit – Packaged separately  
Low temperature package  
Transformer – 30 kVA

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-chillersusa.com | W: www.kkt-chillersusa.com