



ECO Chiller

45/60 kW

Healthcare chiller solutions – made in Germany

The energy efficient ECO Chillers are developed and produced as a compact system for imaging diagnostics. Due to optional selectable voltages the all-rounder can be used all over the world at an ambient temperature up to 118°F [48°C].



Technical Data

ECO Chiller	133-L
Designed for	Siemens MAGNETOM Skyra, Aera
Cooling capacity t_{amb} 118°F [48°C]	17.06 tons [60 kW]
Refrigerant	R407C
GWP	1774
Charge of refrigerant	28.7 lbs [13 kg]
CO ₂ equivalent	23,1 t CO ₂
Quantity of compressors	2
Compressors	max. 28.56 HP [21,3 kW]
Volume of condenser airflow	14,716 cf/min [25.000 m ³ /h]
Number of axial fans	2
Condenser fan motors	max. 5.30 HP [3,95 kW]
Ambient temperature	- 4 °F [- 20 °C] optional with FCU - 22 °F [- 30 °C] – 118 °F [48 °C]
Cooling medium	PCW / AFN = 35-38 Vol% Glycol
Water outlet temperature	66.2 °F [19 °C] – 71.6 °F [22 °C]
Accuracy	± 0.5K
Coolant flow rate	34,36 gpm [130 l/min]
Pump pressure	max. 98,6 psig [6,8 bar]
Pump power	max. 4.02 HP [3,0 kW]
Sound pressure level ¹⁾	61 dB(A)
Operating voltage	480 V/3 Ph/60 Hz and 400 V/3 Ph/50 Hz
Control voltage	24 VDC
Full load amps 60 Hz / 50 Hz	60 A / 80 A
Protection class	IP 54
Water connection (< 82 ft [25 m])	2"
Shipping weight / Operating weight	2,710 lbs [1.230 kg] / 1,720 lbs [780 kg]
Dimensions Length x Width x Height	84.45 inch [2.145 mm] x 43.3 inch [1.100 mm] x 80.71 inch [2.050 mm]

¹⁾ in 16.4 ft [5 m] distance acc. to ISO 3744, without reflexion.

Accessories



Interface Panel



FCU (Free Cooling Unit) optional for optimizing total costs of ownership in cold areas
sound pressure level: 53 dB(A)¹⁾

KKT chillers Germany

ait-deutschland GmbH
Industriestraße 3
95359 Kasendorf

T +49 9228 9977 0
F +49 9228 9977 149
S +49 9228 9977 7190
E info@kkt-chillers.com

KKT chillers USA

KKT chillers, Inc.
1280 Landmeier Road
Elk Grove Village, IL 60007

T +1 847 734 1600
F +1 847 734 1601
TF +1 866 517 6867
E sales@kkt-chillersusa.com

KKT chillers East Asia

Sales and Service Office
5-1-D, No. 333 Xingpu Road
Modern Industrial Park
Suzhou 215021, Jiangsu Province, P.R.C.

S +86 512 6790 3091
F +86 512 6287 1077
E info@kkt-chillerscn.com

24/7

Customer Support

kkt-chillers.com

KKT chillers - a brand of ait-deutschland GmbH

 Made in Germany