



KSC 215 L-US

60 kW

Healthcare chiller solutions – made in Germany

The redundant designed KSC chiller is developed and produced as a compact and dedicated cooling system for imaging diagnostics: ¹⁾ Redundancy is given by two completely separated refrigerant circuits. At least half of nominal cooling capacity is available when one compressor fails.



¹⁾ Siemens MAGNETOM, Avanto, Espree, Trio a TIM System, Verio

Technical Data

KSC 215 L-US	
Cooling capacity ¹⁾	17.06 tons [60 kW]
Refrigerant	R134a
GWP	1430
Charge of refrigerant	2 x 26.5 lbs [2 x 12 kg]
CO ₂ equivalent	2 x 17,2 t CO ₂
Ambient temperature range	-4°F [-20°C] – 118°F [48°C]
Air flow rate	2 x 10,594 cfm [2 x 18.000 m ³ /h]
Coolant	PCW/AFN = 35-38 vol% glycol
Coolant outlet temperature range	66.2 °F [19 °C] – 71.6 °F [22 °C]
Temperature constancy	± 0,5 K
Coolant flow rate max.	34.34 gpm [7,8 m ³ /h]
Pumping pressure	rated 108.8 psig [7,5 bar]
Sound pressure level ²⁾	61 dB(A)
Operating voltage	480 V / 3 Ph/60 Hz
Overcurrent protective device ¹⁾	60 A
Power consumption ¹⁾	36.6 HP [27,3 kW]
Protection class	IP 54
Water connection (< 82 ft [25 m])	2"
Shipping weight	3,527 lbs [1.600 kg]
Operating weight	2,425 lbs [1.100 kg]
Depth	37.00 inch [940 mm]
Width	119.68 inch [3.040 mm]
Height	72.83 inch [1.850 mm]

¹⁾ at tw2=68°F [20°C], tamb=118°F [48°C]
²⁾ in 32.8 ft [10 m] distance acc. to ISO 3744, without reflexion.

KSC 215 L-US



24/7
Customer Support

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

kkt-chillers.com

KKT chillers - a brand of ait-deutschland GmbH

 Made in Germany