



## medixX

46/63/70 kW

### Healthcare chiller solutions – made in Germany

The energy efficient chiller line „medixX“ is developed and produced as a compact system for servicing heat exchanger resp. SEP cabinets of imaging diagnostics as well as industrial processes. Due to optional selectable voltages the all-rounders can be used all over the world at an ambient temperature up to 120°F [49°C].



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## Technical Data

medixX	50	60	70
Cooling capacity <sup>1)</sup>	13.08 tons [46 kW]	17.91 tons [63 kW]	19.90 tons [70 kW] at max. 113°F [45°C]
Refrigerant	R407C		
GWP	1774		
Charge of refrigerant	28.7 lbs [13 kg]		
CO <sub>2</sub> equivalent	23,1 t CO <sub>2</sub>		
Ambient temperature range	- 13°F [-25°C] optional with FCU -22°F [-30°C] – 120°F [49°C]		
Air flow rate	21,780 cfm [37.000 m <sup>3</sup> /h]		
Coolant	water with 35-38 vol% glycol		
Coolant outlet temperature range	42.8 °F [6 °C] up to 53.6 °F [12 °C]		
Temperature constancy	± 2 K		
Coolant flow rate min./max.	16.3/22.02 gpm [3,7/5,0 m <sup>3</sup> /h]	35.24/44.05 gpm [8,0/10,0 m <sup>3</sup> /h]	
Pumping pressure	max. 98.6 psig [6,8 bar]		
Sound pressure level <sup>2)</sup>	63 dB(A)	65 dB(A)	
Operating voltage <sup>3)</sup>	480 V/3 Ph/60 Hz and 400 V/3 Ph/50 Hz		
Overcurrent protective device	63 A	80 A	100 A
Power consumption <sup>1)</sup>	41.69 HP [31,1 kW]	53.82 HP [40,1 kW]	58.78 HP [43,8 kW]
Protection class	IP 54		
Water connection (< 82 ft [25 m])	2"		
Shipping weight	2,368 lbs [1.074 kg]	2,430 lbs [1.102 kg]	2,452 lbs [1.112 kg]
Operating weight	1,740 lbs [789 kg]	1,804 lbs [818 kg]	1,828 lbs [829 kg]
Length	84.45 inch [2.145 mm]		
Width	43.31 inch [1.100 mm]		
Height	80.71 inch [2.050 mm]		

<sup>1)</sup> at  $t_{w2}=54^{\circ}\text{F}$  [12°C],  $t_{amb}=118^{\circ}\text{F}$  [48°C]    <sup>2)</sup> in 16.4 ft [5 m] distance acc. to ISO 3744, without reflexion.    <sup>3)</sup> optional 400 V / 3 Ph / 60 Hz

## Accessories



TSN (Transfer Station 1½) <sup>4)</sup>  
e.g. for emergency cooling with tap water



FCU (Free Cooling Unit) optional  
for optimizing total costs of ownership in cold areas  
sound pressure level: 53 dB(A) <sup>2)</sup>

Additional accessories available like Wear and Tear Kit or Hydraulic Set for connections to the TSN.

<sup>4)</sup> suitable for medixX 50 and medixX 60

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Customer Support

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KKT chillers - a brand of ait-deutschland GmbH

 Made in Germany