

POWERFUL HEATING

Heat Exchangers

Technical data of amcross amh heat exchangers for temperatures from 30 °C – 95 °C



	amh 080	amh 090	amh 090-S
Max. process water temperature	30 °C – 95 °C	30 °C – 95 °C	30 °C – 95 °C
Heating / cooling power	6 kW / 6 kW	6 kW / 8 kW	6,5 kW / 150 - 200 kW
Pump capacity	Max. 6,5 bar Typical operation: 5 bar @ 24 l/min	Max. 8 bar Typical operation: 5 bar @ 40 l/min	Max. 8 bar Typical operation: 5 bar @ 210 l/min
Number of process water channels	Max. 3 + 1 for resistivity regulated external DI water cartridge	Max. 4 + 1 for resistivity regulated external DI water cartridge	Customized
Connector types for process water	On request – e.g. Parker, Swagelok etc.	On request – e.g. Parker, Swagelok etc.	G2" or G1,5" ID thread
Operating voltage	3 x 380 Vac or 3 x 200-208 Vac	3 x 380 Vac or 3 x 200-208 Vac	3 x 400 Vac
Dimensions W / D / H	410 / 750 / 850 mm	410 / 820 / 1020 mm	530 / 1500 / 1220 mm
Weight	60 kg	100 kg	215 kg
Remote interface	AMAT 5000 analog, digital IO or CHX (RS485), AMAT 0/1	AMAT 5000 analog, digital IO or CHX (RS485), Steelhead, Endura	Customized
DI-water cartridge	External – resistivity regulated lifetime extension	External – resistivity regulated lifetime extension	Internal – resistivity regulated lifetime extension

COST-EFFICIENT COOLING

Chillers

Technical data of amcoss amh chillers for temperatures from 5 °C – 60 °C



	amh 030	amh 030-AC	amh 030-2 (2 chillers)	amh 050
Max. process water temperature	5 °C – 60 °C	5 °C – 60 °C	5 °C – 60 °C	5 °C – 60 °C
Cooling power	3,0 kW @ 20°C	3,0 kW @ 20°C	3,0 kW @ 20°C	4,7 kW / 6 kW
Pump capacity	Max. 7 bar typical: 3 bar @ 13 l/min	Max. 7 bar typical: 3 bar @ 13 l/min	Max. 7 bar typical: 3 bar @ 13 l/min	Max. 5 bar typical: 3 bar @ 20 l/min
Cooling	Water or air (AC)	Water or air (AC)	Water or air (AC)	Water
Operating voltage	1 x 200 – 230 Vac	1 x 200 – 230 Vac	1 x 200 – 230 Vac	1 x 200 – 230 Vac
Dimensions W/D/H	377 / 500 / 660 mm	377 / 500 / 660 mm	377 / 500 / 660 mm	377 / 592 / 976 mm
Port size – cooling water	G 1/2	G 1/2	G 1/2	G 1/2
Weight	47 kg	47 kg	Approx. 120 kg	69 kg
Remote interface	LAM TCU4080/SPTS	LAM TCU4080/SPTS	LAM TCU2080	AMAT HX150 / HX300 P5000/Centura/CHX
Local Mode	Yes	Yes	Yes	Yes

