

heating.

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



	amh-080	amh-090	amh-090-S
Max. process water temperature	30 – 95 °C	30 – 95 °C	30 – 95 °C
Heating / cooling power	6 kW / 6 kW	6 kW / 8 kW	6,5 kW / 40 kW
Pump capacity	Max. 5,5 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	310 / 670 / 750 mm	410 / 820 / 1020 mm	530 / 1500 / 1220 mm
Weight	50 kg	100 kg	215 kg
Remote interface	AMAT 5000 analog, digital IO or CHX (RS485)	AMAT 5000 analog, digital IO or CHX (RS485)	Customized
DI-water cartridge	External – resistivity regulated lifetime extension	External – resistivity regulated lifetime extension	Internal – resistivity regulated lifetime extension

cooling.

Technical data of **amcoss amh chillers** for temperatures from

0 °C – 40 °C

5 °C – 40 °C

5 °C – 60 °C



	amh-012	amh-024 / -024-ac amh-024-R (2 chillers)	amh-030 / -030-ac amh-030-R (2 chillers)	amh-032	amh-050 / -060
Max. process water temperature	5 – 40 °C	5 – 60 °C	5 – 60 °C	0 – 40 °C	5 – 60 °C
Cooling power	1,1 kW @ 20 °C	2,4 kW @ 20°C	3,0 kW @ 20°C	3,2 kW @ 20°C	4,7 kW / 6 kW
Pump capacity	1,3 bar @ 7 l/min	Max. 7 bar Typical: 3 bar@13 l/min	Max. 7 bar Typical: 3 bar@13 l/min	Max. 10 bar	Max. 5 bar Typical: 3 bar@20 l/min
Cooling	Water	Water or air (ac)	Water or air (ac)	Water	Water
Operating voltage	1 x 200 – 230 Vac	1 x 200 – 230 Vac	1 x 200 – 230 Vac	1 x 208-230 Vac	1 x 200 – 230 Vac
Dimensions W/D/H	377 / 500 / 615 mm	377 / 500 / 615 mm	377 / 500 / 660 mm	540 / 550 / 713 mm	377 / 592 / 976 mm
Port size – cooling water	R 1/2	G 1/2	G 1/2	G 1/2	G 1/2
Weight	43 kg	43 kg	47 kg	82 kg	67 kg
Remote interface	--	LAM/SPTS	LAM/SPTS	LAM	AMAT Standard P5000/Centura/CHX
Local Mode	Yes	Yes	Yes	Yes	Yes