Cooling station selection with water to water heat exchanger

Single pump series MCE, CCE, MCC, CCC[3] (S=single pump)				
Product code[3]	Motor frequency [Hz]	Max flow rate [l/min]	Max cooling power at ΔT=5°C[1] [kW]	Can be installed into cabinet[3] (W x D x H), mm
MCE14S	50	30	30	400x600x2000
	60	40	35	
MCE34S	50	55	40	
	60	80	60	
MCE54S	50	100	65	
	60	130	75	
MCE103S	50	230	110	
	60	270	120	
CCE153S	50	360	150	
	60	450	170	
CCE202S	60	480	180	
CCE322S	50	600	250	600x800x2200
	60	740	300	

Redundant pump series MCE, CCE, MCC, CCC[3] (R=redundant pump)				
Product code[3]	Motor frequency [Hz]	Max flow rate [l/min]	Max cooling power at ΔT=5°C[1] [kW]	Can be installed into cabinet[3] (W x D x H), mm
MCE14R	50	30	30	[2]400x600x2000
	60	40	35	
MCE34R	50	55	40	
	60	80	60	
MCE54R	50	100	65	
	60	130	75	
CCE104R	50	210	110	600x600x2000
	60	250	120	
CCE153R	50	360	145	
	60	450	165	
CCE202R	60	480	180	
CCE322R	50	600	250	800x800x2200
	60	740	300	

Remarks:

[1] Example case for ΔT=5°C: Raw water IN = 38°C, cooling water OUT = 43°C.

[2] If electrical 3-way valve has been chosen then footprint is 600x600x2000

[3] MCE and CCE models are Compact Cooling Stations without cabinet (refer to CCE Data Sheet).

[3] MCC and CCC models are Cabinet Cooling Stations with TS8 / VX25 Rittal cabinet (refer to VCE Data Sheet).

Pressure loss in cooling circuit as per MCE & CCE data sheets.

For the final pump and cooling station selection, please contact Adwatec.

If a water to air heat exchanger or other options are required, please contact Adwatec.

Values in above chart are for reference only and are subject to change without notice.