

VCST5D200_V5

Exchanger category:	Water heating
Type of calculation:	Medium flow limit
Altitude [m]:	100
Atmospheric pressure [Pa]:	101096
Air volume [m³/h]:	6400
Air flow speed [m/s]:	2.46
Inlet air temperature [°C]:	15
Inlet rel. humidity [%]:	50
Inlet abs. humidity [g/kg]:	5.29
Outlet air temperature [°C]:	35.16
Outlet rel. humidity [%]:	15.03
Outlet abs. humidity [g/kg]:	5.29
Air pressure drop [Pa]:	25.99
Condensation [g/s]:	0
Medium:	Water
Ethylene glycol [%]:	0
Inlet medium temperature [°C]:	50
Outlet medium temperature [°C]:	26.51
Medium flow rate [l/s]:	0.43
Medium velocity [m/s]:	0.23
Medium pressure drop [kPa]:	2.81
Medium weight [kg]:	3.8
Power [kW]:	42.32
Max power limit [kW]:	130