

# OPEN COOLING TOWER HSC

Cooling towers of larger dimensions, where the basic cell adapts to customer needs as much as possible in the process of further, advanced planning.

They are extremely suitable for cooling systems in:

- thermal-plants,
- petrochemical and chemical industry,
- steel industry,
- and everywhere else where the flow of cooling water is too high for the series HSA and HSB.

Advantages of HSC:

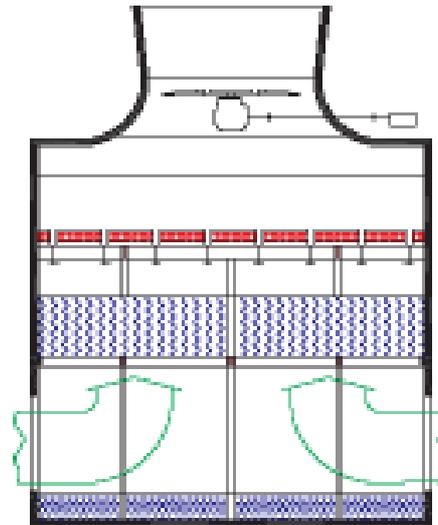
- flexibility in requirements,
- modularity,
- relatively fast installation, if necessary,
- high power and space efficiency.

Cooling towers HSC can practically fully satisfy specific needs of each client as there are available numerous modifications.

Cooling towers HSC can be modified with a concrete casing or a casing with steel or FRP structure, closed with plates made of plastic.

Design allows all types of fills which can be used for cooling water regardless of its chemical aggression, degree of staining or flow.

With the basic types and one cell is possible to cool water from 350 to 5800 m<sup>3</sup>/h, depending on cooling parameters. With parallel configuration and positioning cells in line it is possible to control the flow in each cell individually.



BASIC CELL	HSC 69	HSC 80	HSC 92	HSC 115	HSC 144	HSC 173	HSC 207
Flow rate* [m <sup>3</sup> /h]	350-1900	400-2250	460-2600	570-3300	720-4100	870-4850	1030-5800
Fan diameter [m]	5,6	6,2	6,2	6,8	7,4	8,0	8,6
Electric motor power* [kW]	37-75	45-90	55-110	55-132	75-160	75-200	90-250
Net ground plan** Width x length [m]	9,6 x 7,2	9,6 x 8,4	9,6 x 9,6	12,0 x 9,6	12,0 x 12,0	14,6 x 12,0	14,6 x 14,6

\* depends on the type of fills, temperature regime and parameters of surroundings

\*\* ground plan should be increased for the thickness of CT walls