

COOLING SYSTEM

Ideal water temperature
for efficient snow making

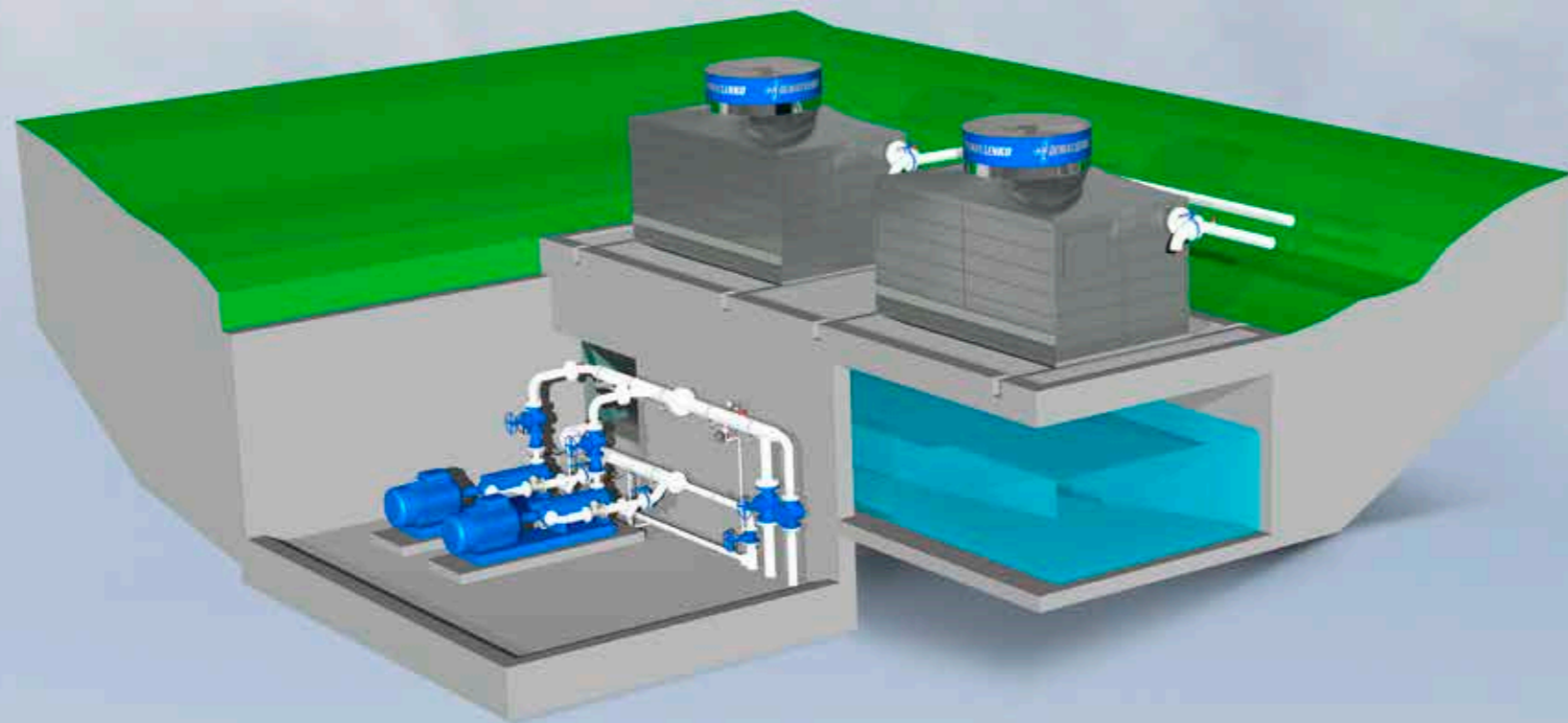
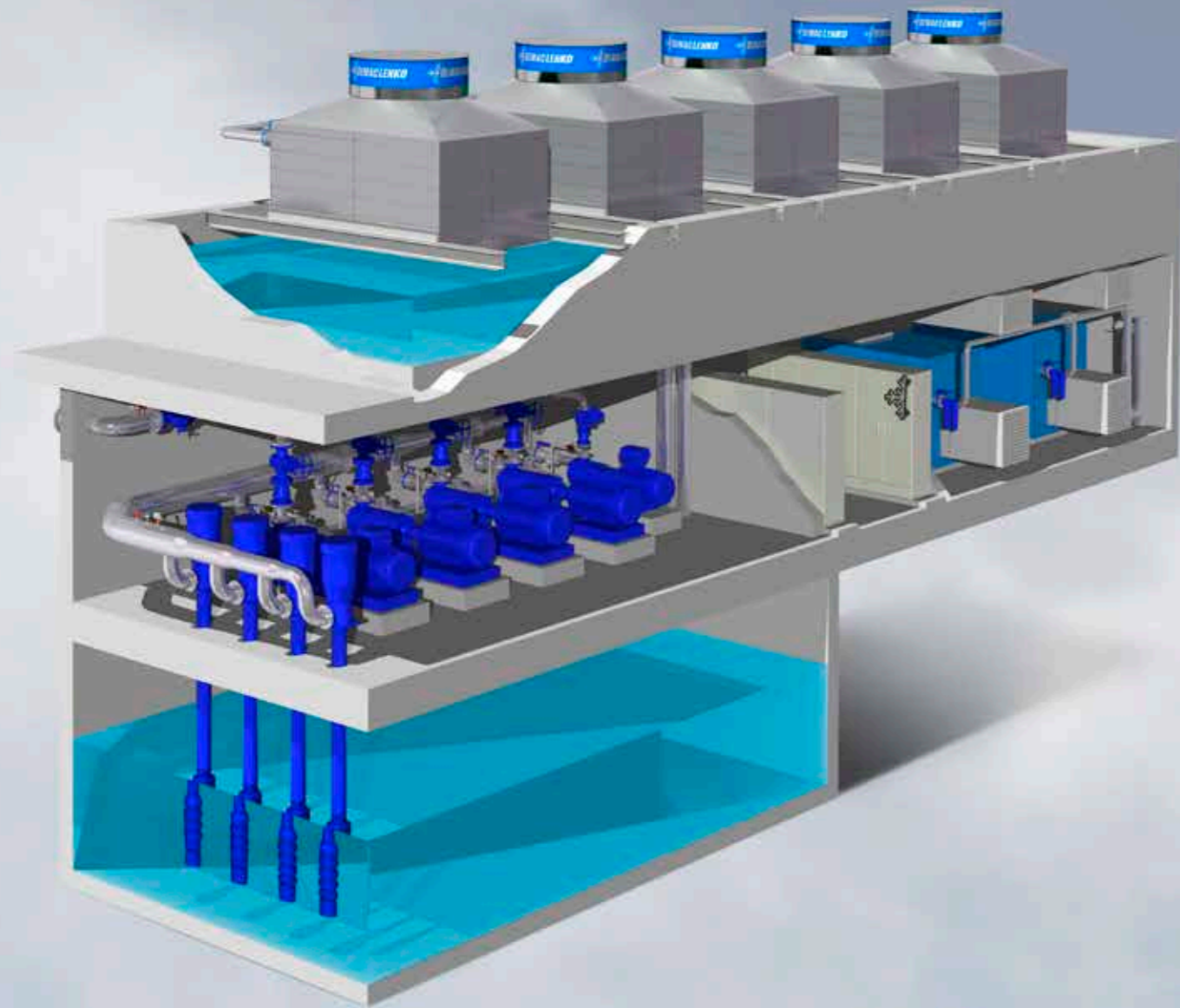


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"Snow from cool
water according
to nature rules."



Example of Cooling System for snow making application

COOLING SYSTEM

Maximising snow production

Increased efficiency of complete snow making system. Key factor at marginal temperatures.

Cooling System is available in single and double tower versions.

1

Axial fan with pitch control and low rotation speed for noise reduction

2

Speed controlled asynchronous motor with special anticondensate resistor

3

High efficiency drift eliminator

4

Blockage free nozzle distribution system

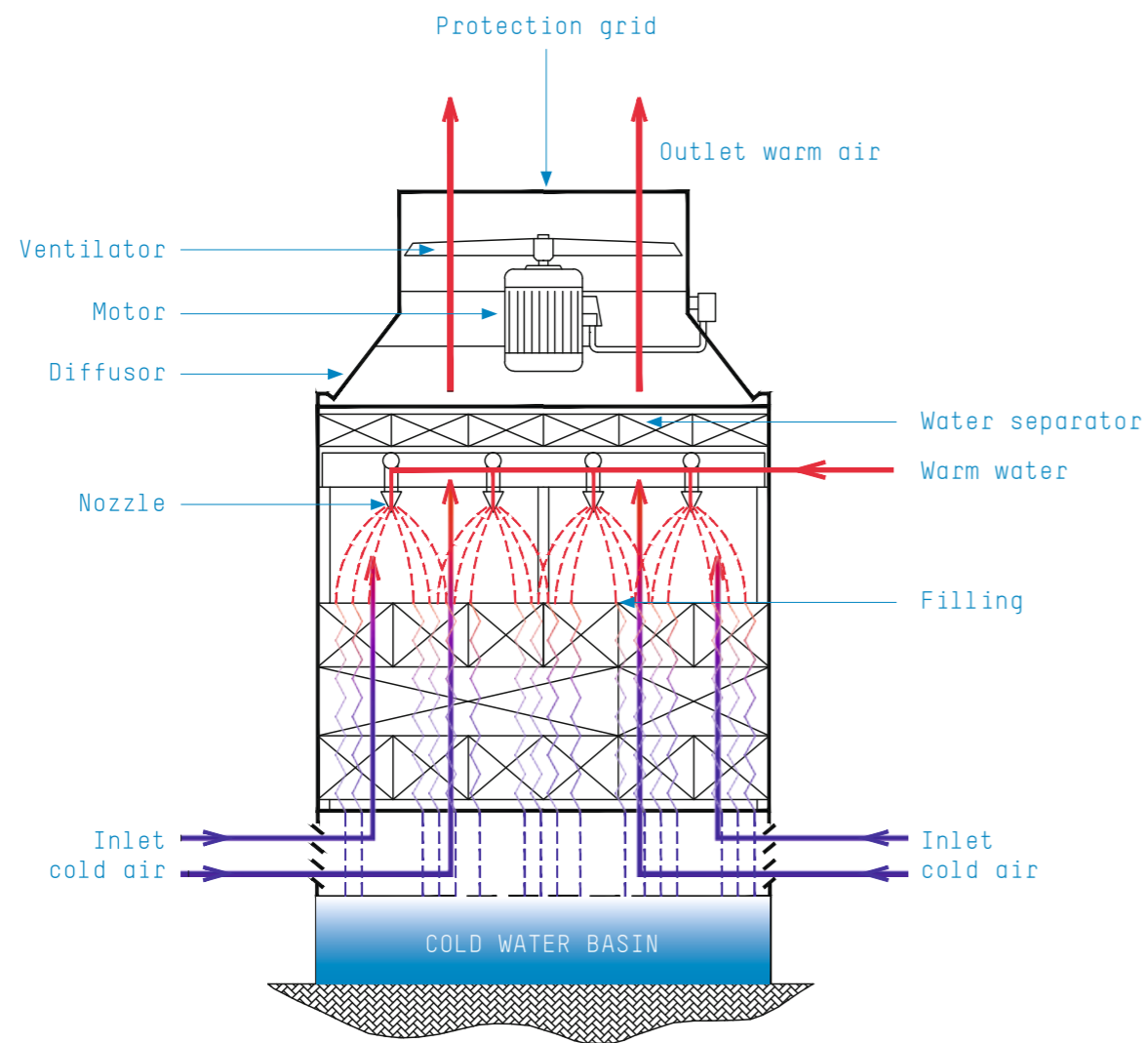
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heating antifreezing elements



Technical Highlights

- _ The cooling towers can be modular extended in order to suit every system
- _ Water flow rate from 15 l to 60 l each unit
- _ Ventilation through axial fan protected by a steel wire grid
- _ All components have been developed in order to withstand extreme ambient operating conditions
- _ An efficient heating system with electric resistors prevents water from freezing during and after operation
- _ Special COVERS are available for protecting the system

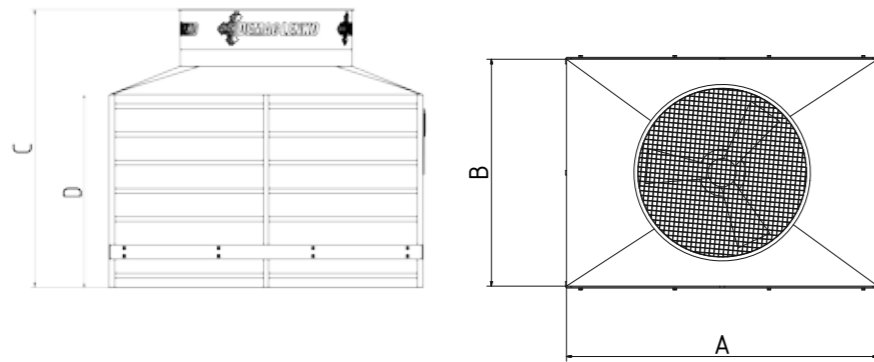


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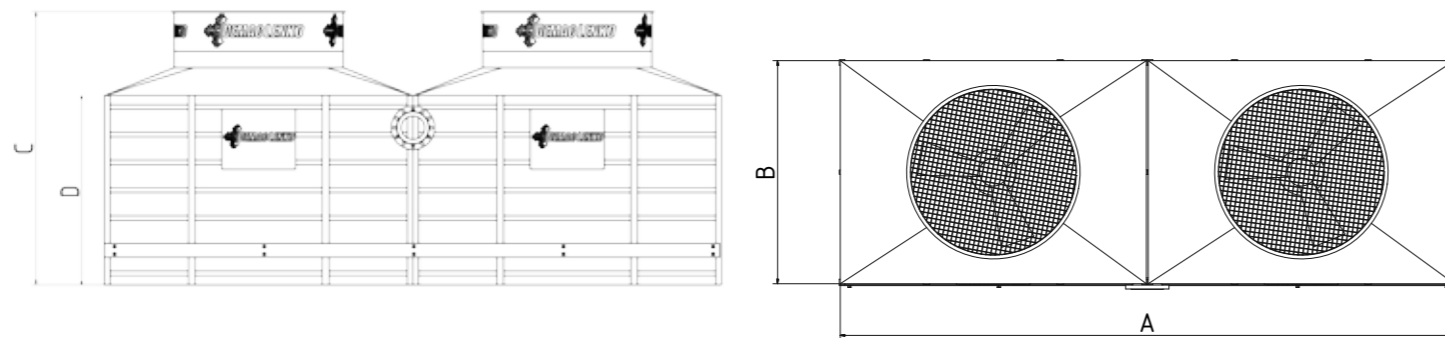
Technical Details



Single Tower Cooling System



Double Tower Cooling System



Technical Data

Single Tower Cooling System	HS	LS	PS	RS
Water flow rate (l/s)	15	20	25	30
- Inlet temperature (Celsius)	7	7	7	7
- Outlet temperature (Celsius)	1	1	1	1
Wet bulb temperature (Celsius)	-5	-5	-5	-5
Thermic power (kcal/h)	324.000	432.000	540.000	648.000
Electric power (kW)	11	11	15	15
Weight loadless (kg)	1.370	1.635	1.960	2.300
Weight operating (kg)	2.550	3.050	3.700	4.600
Height D (mm)	2.050	2.050	2.050	2.050
Height total C (mm)	3.050	3.050	3.100	3.150
Width B (mm)	2.220	2.220	2.420	2.420
Length A (mm)	2.420	2.920	3.320	4.220

Double Tower Cooling System	LD	PD	RD
Water flow rate (l/s)	40	50	60
- Inlet temperature (Celsius)	7	7	7
- Outlet temperature (Celsius)	1	1	1
Wet bulb temperature (Celsius)	-5	-5	-5
Thermic power (kcal/h)	864.000	1.080.000	1.296.000
Electric power (kW)	22	30	30
Weight loadless (kg)	3.050	3.635	4.390
Weight operating (kg)	5.880	7.140	8.790
Height D (mm)	2.050	2.050	2.050
Height total C (mm)	3.050	3.100	3.150
Width B (mm)	2.220	2.420	2.420
Length A (mm)	5.840	6.640	8.440



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DEMACLENKO GmbH
Michael-Seeber-Straße 1
A-6410 Telfs
Tel. +43 5262 621 21
Fax +43 5262 621 21 3400
sales.austria@demaclenko.com

DEMACLENKO IT Srl
Griesbruck 14/B - Neidegg
I-39043 Klausen
Tel. +39 0472 061601
Fax +39 0472 061649
sales.italy@demaclenko.com

DEMACLENKO Schweiz GmbH
Birkenweg 7
CH-8362 Balterswil
Tel. +41 71 9714866
Fax +41 71 9712870
sales.switzerland@demaclenko.com

DEMACLENKO NORDIC AB
Inspektörsvägen 16, Box 3084
S-831 03 Östersund
Tel. +46 63 589 99 00
Fax +46 63 589 99 99
sales.sweden@demaclenko.com

DEMACLENKO AMERICA Inc
264 NH Route 106
Gilmanton, NH 03237
Tel. +1 603 267 7840
Fax +1 603 267 7843
sales.usa@demaclenko.com

www.demaclenko.com

