



City Water Cooler

- High efficient stainless steel plate heat exchangers brazed or gasketed any capacity
- with or without separate stainless steel storage tank any size
- stainless steel piped with all accessories
- control cabinet completely wired
- capacity and design tailor made
- with or without frame work
- ready for use



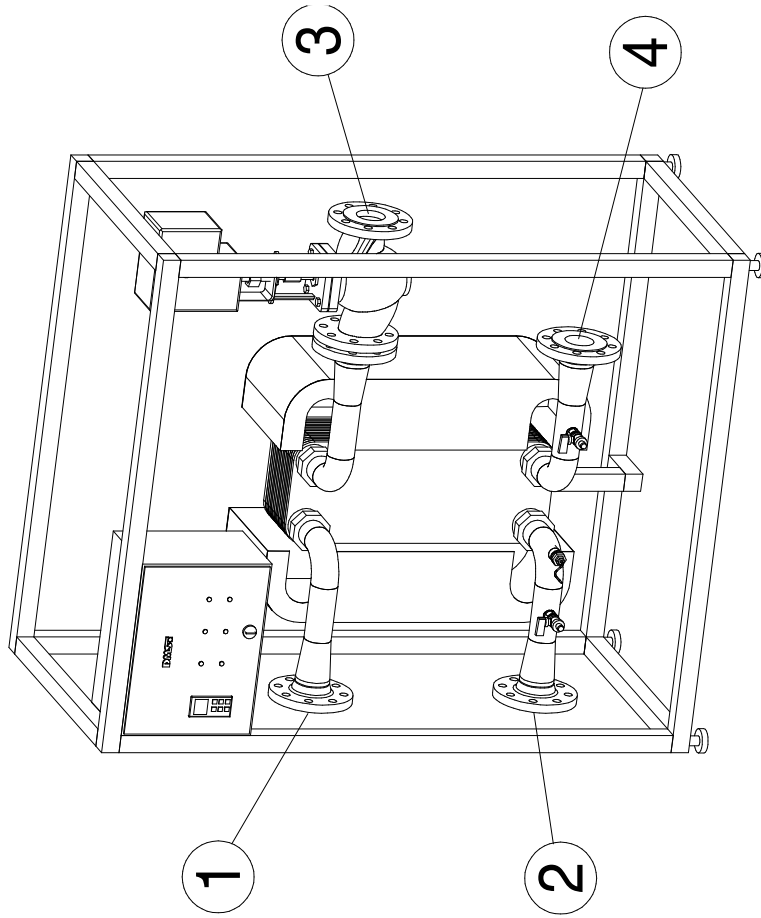
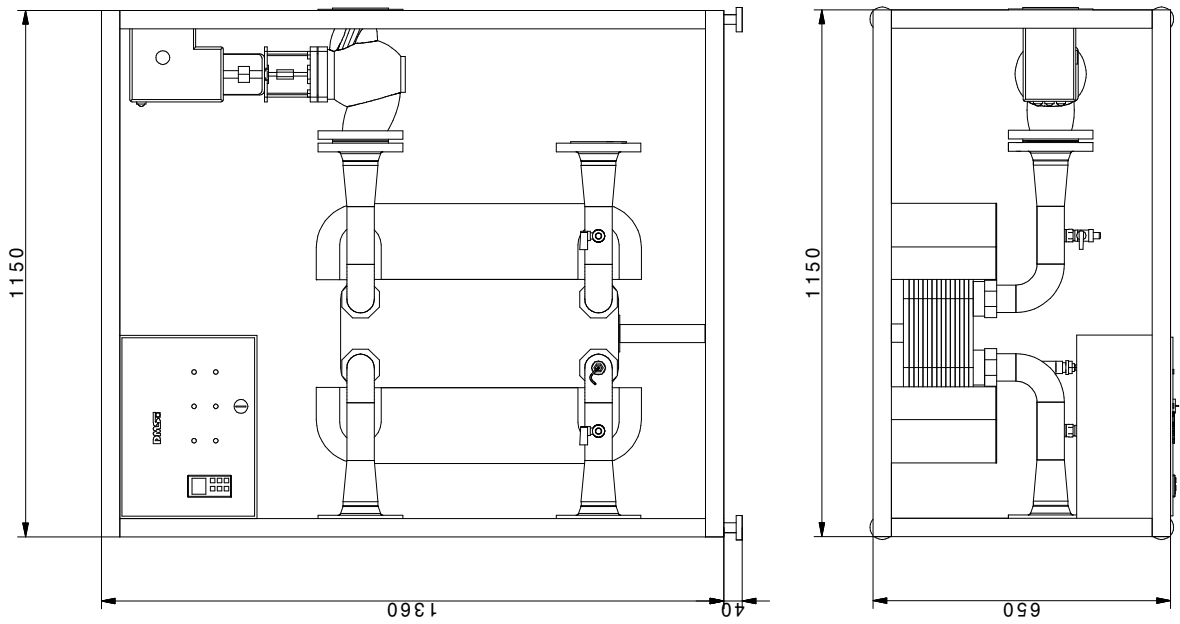
LAS Cooling System

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heat exchangers - hot water systems - district heating stations

DMS - City Water Cooler

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- Pos. 1** City Water feed
- Pos. 2** Cooled domestic water
- Pos. 3** Return to chiller
- Pos. 4** Chilled water feed

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Position	Quantity		single price Euro	total price Euro
		<p>DMS CITY-WATER-COOLER-SYSTEM</p> <p>Serie: PS / SA - C DN</p> <p>Supported frame mounted and wired. Pipework stainless-steel 1.4571</p> <p>Consisting of:</p> <p>DMS-Brazed Plate Heat Exchanger Type: PS-LG _____ / _____</p> <p>A number of thin, acid-resistant plates, precision stamped and assembled as a unit, each alternate plate being rotated 180 degrees plate pack assembled with two end plates and connections, vacuum brazed. Plate material stainless steel ANSI 316 (1.4401)</p> <p>capacity: _____ kW</p> <p>temperatures: primary _____ °C secondary _____ °C</p> <p>headlosses: primary _____ kPa secondary _____ kPa</p> <p>max. working pressure 16 / 25* bar max. working temperature 185 °C</p> <p>connections: primary / secondary _____ outside thread*</p> <p>Measures:</p> <p>Height _____ mm Width _____ mm Longitude _____ mm Weight _____ kg</p>		

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Position	Quantity		single price Euro	total price Euro
		<p>SAMSON - Control Valve</p> <p>Type: _____</p> <p>thermal rating _____ kW</p> <p>medium chilled water</p> <p>operating temperature ca. _____ °C</p> <p>temperature spread _____ °C</p> <p>flowrate _____ m³/h</p> <p>pressure drop _____ bar</p> <p>max. allowable differential pressure _____ bar</p> <p>consisting of:</p> <p>valve Type _____ DN _____ PN _____</p> <p>electric actuator 230 V 50 Hz</p> <p>immersion sensor</p> <p>control box with Trovis compact controller</p> <p>Total Price:</p>		

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Position	Quantity		single price Euro	total price Euro
		<p>DMS – Cooling - System</p> <p>colling water system ready for use storing and charging combined pipework of welded stainless steel</p> <p>Type: KWS-K Cool _____ consisting of:</p> <p>1 Plate heat exchanger gasketed design material: stainless steel ANSI 316 plates stainless steel framework steel gaskets NITRIL Type: PS-LG _____ - see separate description –</p> <p>1 Stainless Steel Buffer tank Type: DINOX LAS – _____ – So - see separate description –</p> <p>Control Cabinet -see separate description-</p> <p>1 Charging pump material stainless steel Typ: Grundfos/Wilo _____</p> <p>including shutt/off valves and thermometer</p> <p>Total Price:</p>		

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Position	Quantity		single price Euro	total price Euro														
		<p>DMS-Gasketed-Plate-Heat-Exchanger</p> <p>Type: PS-LG _____ / _____</p> <p>Consisting of a frame, which in turn consist of a head, a follower, a column, a carrying bar, a guiding bar and a number of clamping bolts. In between the heat and the follower a varying number of pressed plates are clamped together. Each plate is supplied with a gasket forming a closed systems of parallel flow channels</p> <p>Materials:</p> <table border="0"> <tr> <td>Plates stainless steel</td> <td>ANSI 316</td> </tr> <tr> <td>Framework Steel</td> <td></td> </tr> <tr> <td>Gaskets</td> <td>Nitril</td> </tr> <tr> <td>Connections</td> <td>ANSI 316</td> </tr> </table> <p>Capacity: _____ kW</p> <p>Temperatures: Primary _____ °C Secondary _____ °C</p> <p>Headlosses: Primary _____ kPa Secondary _____ kPa</p> <p>max. working pressure _____ bar Testpressure _____ bar max. working temperature _____ °C</p> <p>Connections: Primary _____ " BSP Secondary _____ " BSP</p> <p>Measures:</p> <table border="0"> <tr> <td>Longitude</td> <td>_____ mm</td> </tr> <tr> <td>Width</td> <td>_____ mm</td> </tr> <tr> <td>Height</td> <td>_____ mm</td> </tr> </table> <p>Weight _____ kg</p> <p>(Pipework has to be mounted stress-free to the connections of the heat exchanger)</p>	Plates stainless steel	ANSI 316	Framework Steel		Gaskets	Nitril	Connections	ANSI 316	Longitude	_____ mm	Width	_____ mm	Height	_____ mm		
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Position	Quantity		single price Euro	total price Euro
		<p>Control Cabinet</p> <p>for cooling systems control voltage 230 Volt AC electronic temperature control (PMA)</p> <p>cabinet housing steel, powder coated colour RAL 7035 or similar size approx. _____ x _____ x _____ mm</p> <p>terminal connection brackets for wall mounting</p> <p>according to description and similar to wiring diagram sent with mail</p> <p>approval and check according DIN/VDE 0113 and VBG 4</p> <p>documents standard 1-fold in english version</p> <p>Charging Pump</p> <p>material: stainless-steel 220 V 50 Hz / 400 V 3ph capacity _____ m³/h</p> <p>head max. _____ h/m</p> <p>Typ: Grundfos/Wilo</p> <p>Total Price:</p>		

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