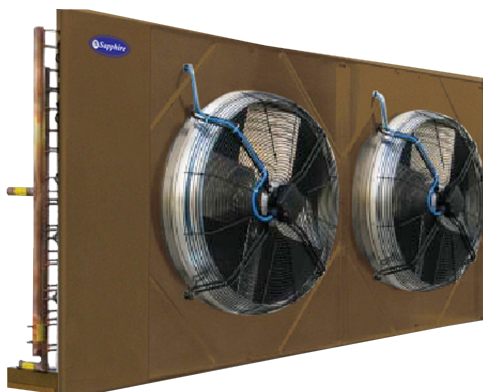




# Dry Cooler



All the models have coated aluminum frames. The standard coil is made of copper piping and aluminum fins. There is also the option of Here site coated coils or copper fins, for better resistance to corrosion.

The inner surface of the pipes has a special pattern that, through increased turbulence, allows greater heat exchange at the same airflow. The fans, therefore, consume less energy and produce less noise.

Thanks to special coil supports, there is no contact between the pipes and the frame. This eliminates the risk of breaking the sealed circuit thus improving the durability of the product.

Dry Coolers can help solve any cooling system problem. With government regulations and the costs of water, sewer, and energy increasing at an ever accelerating pace, isn't it time you looked into saving on your operating expenses? Call us today and find out how we can help you save money.

## When to use dry-coolers

Dry-coolers are usable in all the plants where water is used in a process to remove the excess heat and where the temperature range between the water and the air is adequate. The temperature range should be at least 5 °C. It is recommendable that the range is 8 - 10 °C above the design ambient air temperature.

Dry-coolers - also known as radiator coolers - are used in power-plants, diesel- or gas generator plants, waste treatment plants, biogas-plants, but also in other segments as for instance plastic-production, hydraulic processes, glassworks, gardening, the machine industry, and the wood industry.

Low energy consumption and low noise level.

The decisive factor when talking about low operation costs is low energy consumption.

GEOMETRY DETAILS											
									CORRUGATION		
COPPER	FINS SPACING	TUBE SPACING mm	ROW SPACING mm	F P I	TUBE THICKNESS mm	TUBE EXTER-NAL DIA mm	FIN THICKNESS mm	FIN MATERIAL	FIN	TUBE	Max. ALLOWABLE WORKING PRSSURE
5/16" X 0.011"	STAGGERED	25.4	18.24	8 TO 18	0.28	7.94	0.1,0.12, 0.13,0.15	Aluminium, Copper & Hydrophilic	smooth, corrugated, Louver	smooth	350 psi
3/8" X 0.011"	STAGGERED	25.4	18.24 & 22	6 TO 20	0.28	9.525	0.1,0.12, 0.13,0.15	Aluminium, Copper & Hydrophilic	smooth, corrugated, Louver	smooth	350 psi
3/8" X 0.012"	STAGGERED	25.4	18.24 & 23	6 TO 20	0.30	9.525	0.1,0.12, 0.13,0.15	Aluminium, Copper & Hydrophilic	smooth, corrugated, Louver	smooth	450 psi
3/8" X 0.014"	STAGGERED	25.4	18.24 & 24	6 TO 20	0.35	9.525	0.1,0.12, 0.13,0.15	Aluminium, Copper & Hydrophilic	smooth, corrugated, Louver	smooth	450 psi
3/8" X 0.011" (IGT)	STAGGERED	25.4	18.24 & 25	6 TO 20	0.28 (IGT)	9.525	0.1,0.12, 0.13,0.15	Aluminium, Copper & Hydrophilic	smooth, corrugated, Louver	smooth, inner groove	450 psi
3/8" X 0.028"	STAGGERED	25.4	18.24 & 26	6 TO 20	0.71	9.525	0.1,0.12, 0.13,0.15	Aluminium, Copper & Hydrophilic	smooth, corrugated, Louver	smooth	450 psi
1/2" X 0.015"	STAGGERED	31.75	27.5	6 TO 16	0.38	12.7	0.13,0.15	Aluminium, Copper & Hydrophilic	smooth, corrugated, Louver	smooth	450 psi
1/2" X 0.016"	STAGGERED	31.75	27.5	6 TO 16	0.4	12.7	0.13,0.15	Aluminium, Copper & Hydrophilic	smooth, corrugated, Louver	smooth	450 psi
1/2" X 0.016" (IGT)	STAGGERED	31.75	27.5	6 TO 16	0.40 (IGT)	12.7	0.13,0.15	Aluminium, Copper & Hydrophilic	smooth, corrugated, Louver	smooth, inner groove	450 psi
1/2" X 0.028"	STAGGERED	31.75	27.5	6 TO 16	0.71	12.7	0.13,0.15	Aluminium, Copper & Hydrophilic	smooth, corrugated, Louver	smooth	800 psi
5/8" x 0.016"	STAGGERED	38.1	33	8 TO 13	0.4	15.875	0.15	Aluminium, Copper & Hydrophilic	smooth, corrugated	smooth	450 psi
5/8" x 0.018"	STAGGERED	38.1	33	8 TO 13	0.45	15.875	0.15	Aluminium, Copper & Hydrophilic	smooth, corrugated	smooth	450 psi
5/8" x 0.020"	STAGGERED	38.1	33	8 TO 13	0.5	15.875	0.15	Aluminium, Copper & Hydrophilic	smooth, corrugated	smooth	450 psi
5/8" x 0.030"	STAGGERED	38.1	33	8 TO 13	0.76	15.875	0.15	Aluminium, Copper & Hydrophilic	smooth, corrugated	smooth	800 psi



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