

Qualiterme

LINE TS

COOLING TOWER



Genuine outcomes, intelligent savings!

Qualiterme provides cutting-edge solutions in industrial refrigeration, integrating advanced technology, energy efficiency, and sustainability.



EFFORTLESS UPKEEP



VERSATILE APPLICATION



SIMPLE MAINTENANCE



SHIELDING ON AIR INTAKES AND EXHAUSTS

The TS Line equipment possesses a circulating water capacity ranging from 8m³ to 40m³. Its construction is composed of fiberglass and is equipped with an IP55-rated motor, automatic water distribution, and operates quietly. Tailored to meet the unique requirements of each client, it includes a proprietary maintenance window system. The inclined reservoir enhances cleaning efficiency and features a protective system to avert dirt accumulation. Engineered with cutting-edge technology, it optimizes cooling and heat exchange.



EXPLORE OUR WEBSITE.

Qualiterme equipment is designed to efficiently, reliably, and effectively meet the demands of diverse industrial sectors.

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PRIMARY STANDARD EQUIPMENT CHARACTERISTICS:

STRUCTURE

Its design ensures optimized airflow and uniform distribution throughout the equipment's operational space. Constructed from reinforced fiberglass, it exhibits exceptional resistance to adverse weather conditions.

FILLING

Our equipment features honeycomb-type cells, injected to create a structure known as packing. This structure is situated within the tower, serving the purpose of separating the droplets emitted from the rotary distributor, thereby enabling the water to dissipate heat from the reservoir.

MAINTENANCE PERIOD

Its purpose is to facilitate equipment maintenance. With its opening mechanism, disassembly of the equipment is unnecessary for access, thereby expediting the maintenance process.

DH

DR

DS

PROPELLER

Fully dismountable, it is constructed with injection-molded blades reinforced by a central aluminum hub. The blades are designed to ensure low noise levels while delivering exceptional airflow.

WATER DISTRIBUTION SYSTEM

The automatic water distribution system consists of a collection of components molded from ABS plastic and PVC pipes, creating an efficient rotation mechanism via sprinkler pipes. The distributor assembly is affixed between a flange positioned above the distributor and a PVC "T" fitting, which is secured with stainless steel screws.

WATER TANK OR RESERVOIR

It features a gentle slope toward the pump manifold, which reduces the likelihood of dirt accumulation and facilitates the cleaning of the reservoir.

TECHNICAL SPECIFICATIONS

TS COOLING TOWER

Model	Capacity (m³)	Three-phase			Single-phase (Optional)	Dimensions			Hydraulic Linkages		Propeller/Motor		Approximate weight	
		220V	380V	440V	220V	Width (mm)	Length (mm)	Height (mm)	Ds (mm)	DR (mm)	DH	CV	VA (KG)	OP (KG)
TS08	8	✓	✓	✓	✓	980	980	1880	50	4x60	18"	0,5	65	315
TS12	12	✓	✓	✓	✓	980	980	1880	50	4x60	18"	0,5	72	322
TS16	16	✓	✓	✓	✓	1225	1225	2250	60	4x60	21"	1	88	538
TS22	22	✓	✓	✓	✓	1225	1225	2250	60	4x60	21"	1	113	563
TS30	30	✓	✓	✓	✓	1500	1500	2700	75	4x60	25"	3	140	890
TS40	40	✓	✓	✓	✓	1500	1500	2700	75	4x60	25"	3	165	915
HR	Height return	DS	Outlet Diameter	DR	Return Diameter	DH	Fan Propeller Diameter	CV	Pump Power	VA	Unladen Weight	ON	Operating weight	

NOTE: FOR EQUIPMENT THAT EXCEEDS THESE CAPACITIES, PLEASE CONSULT THE ENGINEERING DEPARTMENT.
QUALITERME RETAINS THE RIGHT TO MODIFY EQUIPMENT SPECIFICATIONS WITHOUT PRIOR NOTIFICATION.



We introduce innovation in industrial cooling systems to the global market!



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