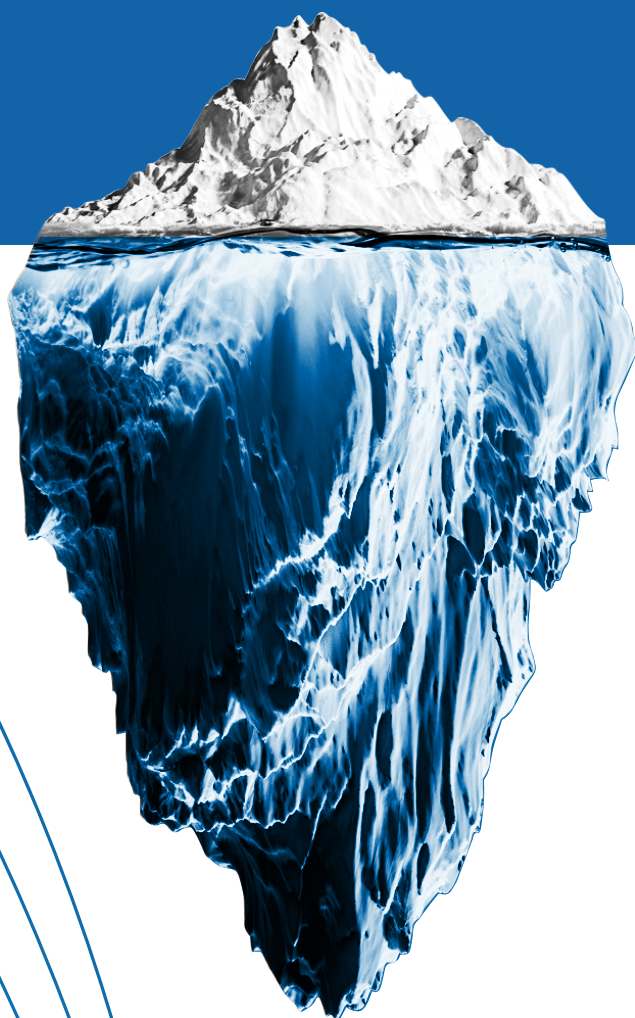


TMS

INDUSTRIAL REFRIGERATION

PRODUCT
LINE

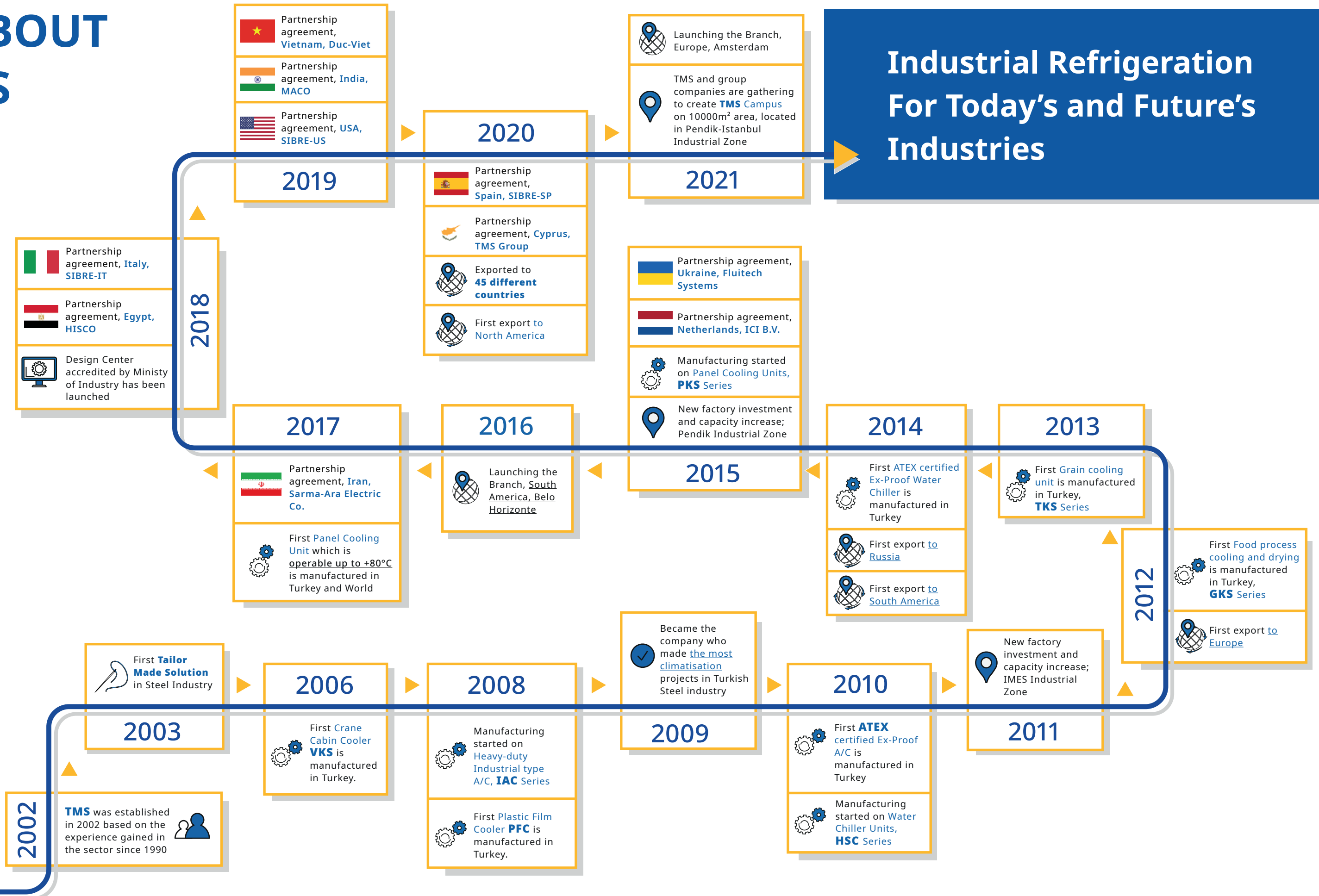


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ABOUT US

Industrial Refrigeration For Today's and Future's Industries



Industries & Applications

| <div>Industries</div> | <div>Application Areas</div> |  |  |  |  |  |  |  |  |  |  |
|-----------------------|------------------------------|---|--|---|---|---|---|---|---|---|---|
| | | Crane Cabins | Electrical Rooms / Cabin/House | Control Rooms/ Pulpits | Laboratories | Hydraulic Rooms | Containers/ Shelters | E-Panels | Process Cooling | Grain Silos | Production Hall |
| Steel Industry | | VKS | IAC | IAC | IAC | IAC | VKS - IAC | PKS | | | IAC |
| Oil & Gas | | VKS | IAC | IAC | IAC | IAC | IAC - ATEX | PKS | | | |
| Cement Industry | | VKS | IAC | | IAC | IAC | IAC | PKS | HSC | | |
| Paper Industry | | VKS | IAC | | IAC | IAC | | PKS | | | |
| Energy Industry | | VKS | IAC | | | | VKS - IAC | PKS | | | |
| Marine - Offshore | | VKS - ATEX | IAC - ATEX | IAC - HSC | IAC | IAC - HSC | IAC - ATEX | | | | |
| Ports | | VKS - IAC | IAC | | | | VKS - IAC | PKS | | TKS | |
| Agriculture | | | IAC | | IAC | | | | | TKS | |
| Automation | | | IAC | | | | VKS - IAC | PKS | | | |
| Mining | | VKS | IAC | | IAC | IAC | VKS - IAC | PKS | | | |
| Automotive | | | | | | | | PKS | | | IAC |
| Food Industry | | | | | IAC | | | | GKS | | IAC |
| Plastic Industry | | | | | IAC | | | | PFC - HSC | | |
| Rubber-Tyre Industry | | | | | IAC | | | PKS | | | IAC |
| Rental | | MAC | MAC | MAC | MAC | MAC | MAC | | | TKS | MAC |

VKS Series: Crane Cab Cooler

IAC Series: Industrial Air Conditioners

ATEX Series: Explosion Proof Cooling Units

TKS Series: Grain Cooling Units

HSC Series: Air&Water Cooled Industrial Chillers

APU Series: Pressurization & Filtration Units

MAC Series: Mobile Cooling Units

PKS Series: Industrial Panel Coolers

DWE Series: Drain Water Evaporator

PFC Series: Plastic Film Coolers

GKS Series: Process Air Cooling and Drying Units



CRANE CAB COOLERS

VKS Series

STRONG SOLUTIONS
FOR YOUR CRANES
IN HEAVY INDUSTRIES



tmsgrup.com

VC Compact



2 kW - 7 kW
cooling capacity

+95°C
upper limit ambient
temperature for operation

VP Package/Monoblock



2,5 kW - 28 kW
cooling capacity

+95°C
upper limit ambient
temperature for operation

VS Split



2,5 kW - 46 kW
cooling capacity

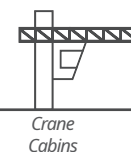
+95°C
upper limit ambient
temperature for operation

VM Medium



2 kW - 7 kW
cooling capacity

-15°C / +80°C
upper limit ambient
range for operation



Crane
Cabins



Electrical &
Automational
Rooms

Industries

Steel&iron, metallurgy, cement, oil&gas, energy, mining,
machinery, marine&port

VKS is well known as the most durable, tough, and long-lasting series of TMS. VKS Series Crane Cab Coolers always assure high performance even under the most severe conditions. Thanks to its 1.5 million variants, fully meets the requirements of various projects and applications. VKS Series Crane Cab Coolers secure sustainable and continuous operation of your processes, under vibration, dusty, corrosive and high-temperature environments.

INDUSTRIAL AIR CONDITIONERS

IAC Series

SOLUTIONS
WITHOUT LIMITS



tmsgroup.com

SCU Air&Water



5 kW - 116 kW
cooling range

-25°C / +60°C
environmental temperature
range for operation

Split Air&Water



3 kW - 129 kW
cooling range

+60°C
upper limit ambient
temperature
for operation

Rooftop Air&Water



5 kW - 192 kW
cooling range

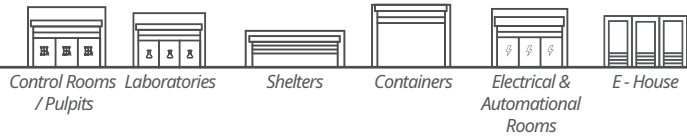
+60°C
upper limit ambient
temperature for operation

Heavy Duty Outdoor



9 kW - 183 kW
cooling range

+60°C
upper limit ambient
temperature
for operation



Industries

Steel&iron, metallurgy,
cement, oil&gas, food
machinery, energy, marine,
automotive and defense

IAC Series, which with the options of the air-cooled or water-cooled condensers and split or package types, provides all the solutions required by projects and applications under compelling environmental conditions thanks to its wide capacity range and alternatives. Free cooling and economizer options maximize energy efficiency where cooling is your applications' only requirement throughout the year.

EXPLOSION PROOF COOLING UNITS

ATEX Series

TOP LEVEL SAFETY
AT YOUR SERVICE



tmsgroup.com

Ex-Proof Units

Ex-Proof

Explosion Proof, ATEX certified
Zone 1 & Zone 2
T1-T2-T3-T4
IIA - IIB - IIC



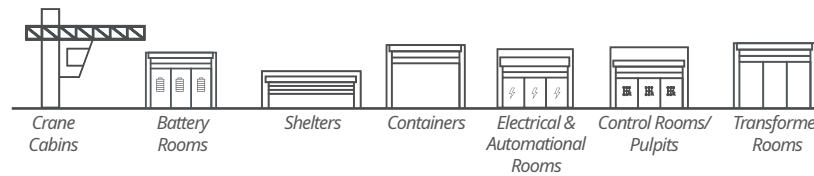
IAC Series ATEX
Industrial Air Conditioners



HSC Series ATEX
Industrial Chillers



VKS Series ATEX
Crane Cab Coolers



Industries

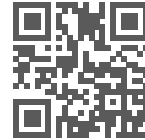
Oil&gas, energy, marine
and defense

All air conditioning solutions provided by TMS such as from air to air, water to water, air to water, and water to air systems can also be applicable as Ex-Proof type. The ATEX and IECEx certificated systems with their Ex-Proof feature guarantee high level of safety in your projects without sacrificing anything from their unique operational performance!

GRAIN COOLING UNITS

TKS Series

KEEP YOUR GRAIN COOL,
FEEL THE BENEFITS!



Standard&Tropic Series
20 tons – 1200 tons
cooling performance/day
50 kW – 320 kW
compressor cooling range



tmsgrup.com



Grain
Silos

Industry

Agriculture

No more waiting for specific weather temperature and humidity conditions to cool your grain silos with the conventional ventilation systems. You can run the TKS Series Grain Silos Cooler to store or stock your grain with specifically required conditions in your silos even under desert heat or tropical rains. TKS series help you protect your products such as cereal, soy, rice from losses caused by overheating, molding, infestation, and drying.

AIR & WATER COOLED INDUSTRIAL CHILLERS

HSC Series

ALTERNATIVE SOLUTIONS
REGARDING YOUR
REQUIREMENTS

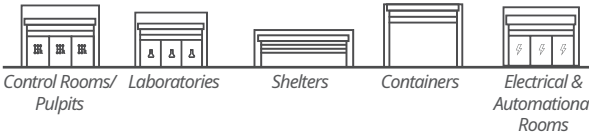


tmsgroup.com

Air&Water Cooled Industrial Chillers

5 kW - 1600 kW
cooling range

-25°C / +65°C
enviromental temperature
range for operation



Industries

Steel, metallurgy, mining, cement, oil&gas, food, pharmaceutical, printing, machinery, energy, automotive, shipbuilding, aviation, marine, composite and defense

Leave your thoughts aside about traditional water chillers! The HSC Series provide a robust and sustainable solution to your requirements for the water cooling operation. The units can be optimized to work in dusty, explosive, corrosive environments with their water-cooled or air-cooled types. HSC Series provides the widest operating range among the water cooling units in the market. TMS makes it possible for you to customize our units according to the requirements of your projects. The Series can be delivered to you as containerized with all complementary equipment such as water reserve tanks, pumps, expansion tanks in a plug&play form.

PRESSURIZATION & FILTRATION UNITS

APU Series

KEEP THE AIR CLEAN
FOR YOUR SAFETY



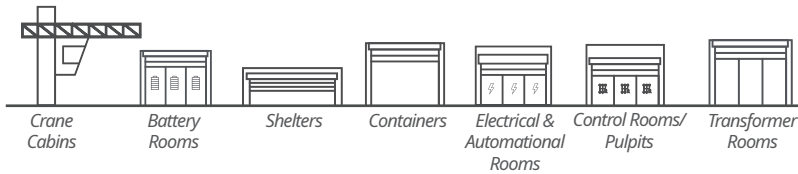
Pressurization&Filtration Units

50 m³/h - 6.400 m³/h
air flow range

-40°C / +95°C
environmental temperature
range for operation



tmsgroup.com



Industries

Steel&iron, metallurgy,
cement, automotive, food
machinery, energy, marine,
oil&gas and defense

Do you have an environment with a high chemical concentration in your facility that may harm human health or equipment conditions? It is enough for us to be informed about the frequency of filter replacement and the type and intensity of chemicals in the environment to provide you with the proper chemical filtration unit. The function of the APU Series can be listed as to pressurize the environment not to allow any chemical or dust to leak in and purify the ambient air, respectively. Consider having these features with one unit, APU!

MOBILE COOLING UNITS

MAC Series

FAST TRACK COOLING
SOLUTIONS!

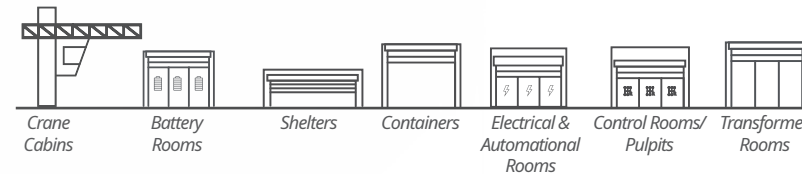


tmsgrup.com



4 kW – 25 kW
cooling range

-25°C/ + 60°C
enviromental temperature
range for operation



Industries

Steel&iron, metallurgy,
cement, automotive,
food machinery, energy,
marine, oil&gas,
commercial purposes and
defense

You might have a malfunction in your air conditioning system and the system has not been designed with any redundancy scenario. Or, your current setup does not satisfy you from efficiency point of view. Besides, you might only need air conditioning during certain peak times of the year. You might also be in the rental business for cooling equipment. In this case, MAC Series Mobile Cooling Units are the perfect solution for you. With its plug and play feature, you can start up and run your operation instantly.

INDUSTRIAL PANEL COOLERS

PKS Series

KEEP YOUR PANEL
EQUIPMENT HEAT
UNDER CONTROL



tmsgrup.com

PI Indoor Type Panel Coolers

600 W - 4000 W
cooling capacity

+10°C / +50 °C
operational range for
ambient temperature



PO Heavy Duty Outdoor Panel Coolers

2500 W - 5000 W
cooling capacity

+10°C / +80 °C
environmental temperature
range for operation



E - Panels

Industries

Steel&iron, food, machinery, telecommunication and automotive

TMS provides the most durable and tough Panel Air Conditioner in the market, PKS Series. Indoor and outdoor models of PKS Series ensure a dependable continuous operation to your processes by keeping the equipment in the panel at the required temperature where you have the challenging environmental conditions.

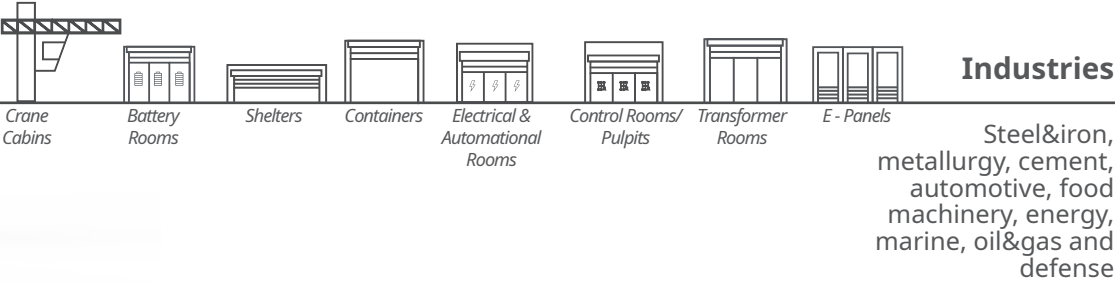
DRAIN WATER EVAPORATOR

DWE Series

STOP DRIPPING!



tmsgrup.com



You may not have a drainage point for the water generated during the cooling cycle. It is possible to vaporize and eliminate the condensed water with the DWE Series Drain Water Evaporators. Multiple cooling systems operating in the same location can be connected to a single DWE unit, thus, providing you with a compact and low-cost solution.

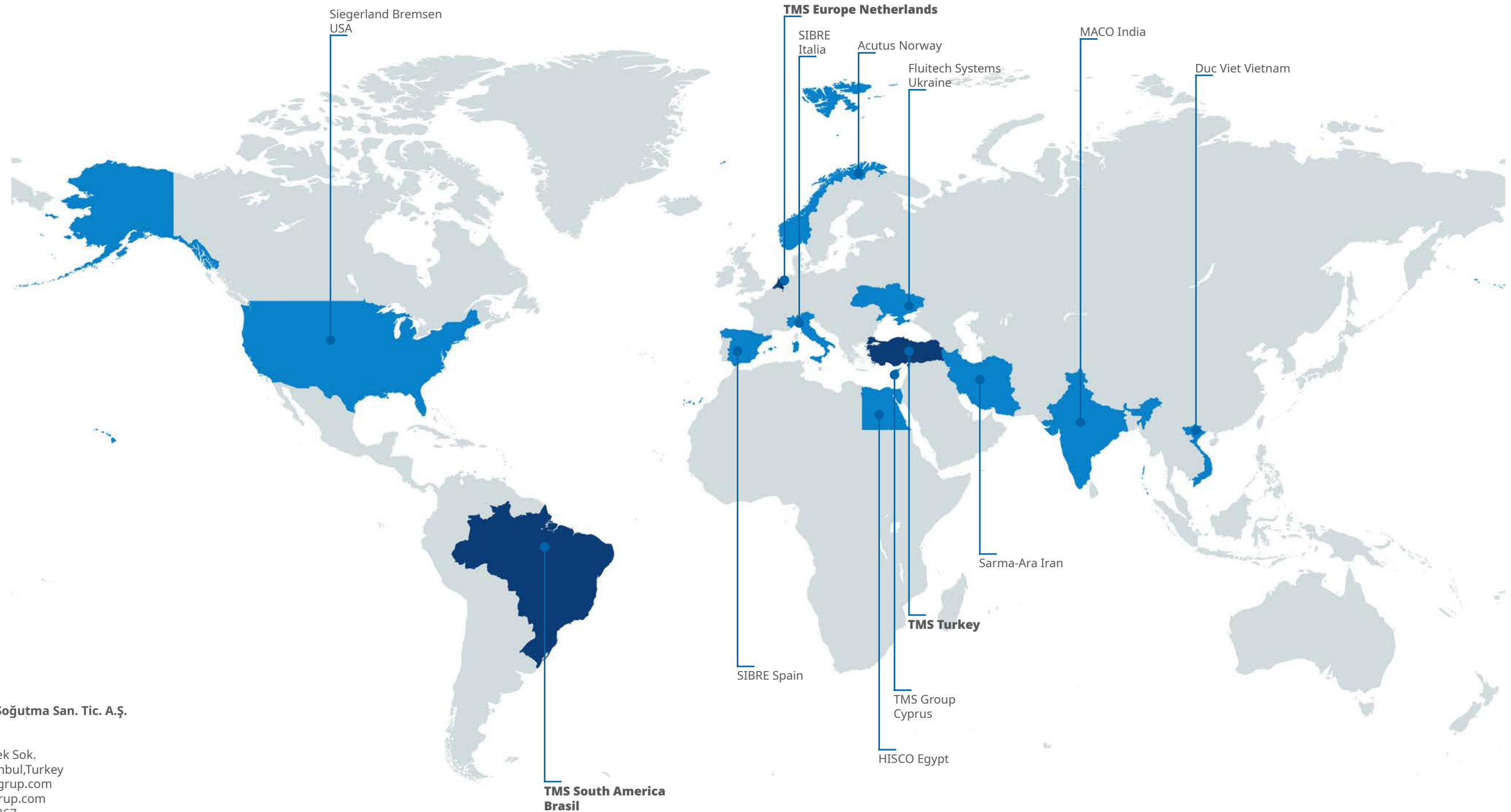


6 L/h - 12 L/h
Drain water
evaporation capacity

Corrosion Resistant
Durable design
against corrosion



Anti-dust Kit



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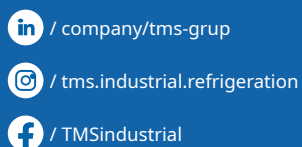
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