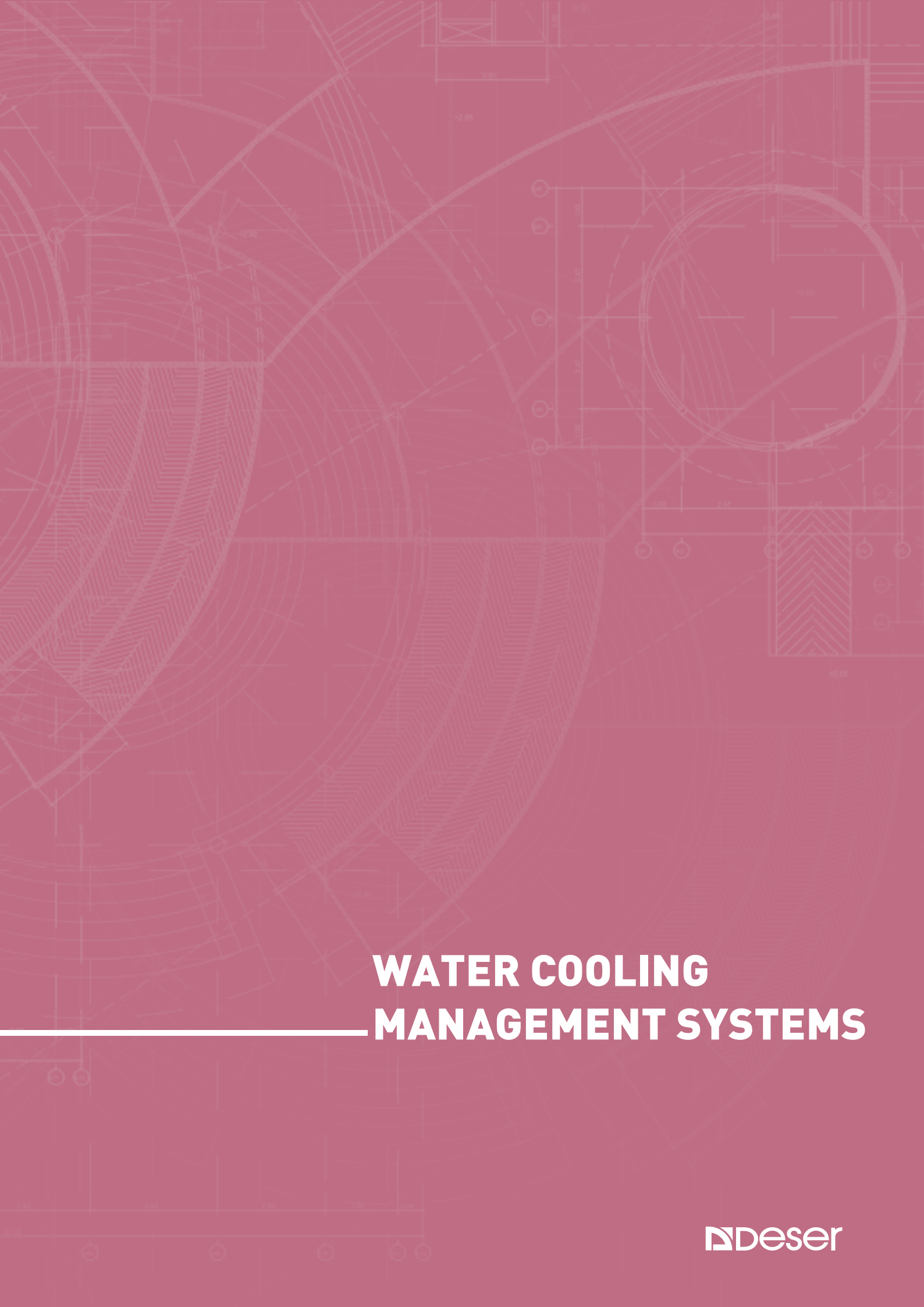


**35TH
YEAR**

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CHEMISTRY

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The background is a technical drawing of a water cooling system, rendered in a light red color. It features a complex network of pipes, valves, and circular components, with various annotations and dimensions. The drawing is partially obscured by a large, semi-transparent circular shape in the center. The overall aesthetic is clean and professional, typical of an engineering or technical manual.

WATER COOLING MANAGEMENT SYSTEMS



Tower basin Filtration Automated blowdown and dosage systems

To enable cooling towers to work at peak efficiency, system water needs to be monitored and treated at all times. To facilities this we are introducing WaterManager: integrated system that automatically handles the necessary analysis, chemical dosage, regulation of blowdown (duration and interval), feedwater introduction and continues filtration of the tower basin from solid particulates. WaterManager systems can be integrated with building and facility management systems to give you the real time data and control to keep your systems in pique performance at all times.



Water Cooling Filtration systems are designed to be fully automated and does not require additional manpower for continuous cleaning of the system water from the solids that may be introduced to your system at all times. Filtration is done continually with adjustable micron levels, and is consisted of two levels of filtration each feeding other with the same cooling water to avoid any intake or unnecessary discharge. Most of the system water that normally needs to be discharged is decontaminated from solid particulates with mechanical filtres and reintroduced to the basin of the cooling tower.



WATER MANAGER ADVANTAGES

By making the necessary measurements in real time, adjusting chemical dosage, and managing blowdown cycles in one panel cooling tower water is treated in one system online.

- Cooling tower system water's pH, conductivity is measured in real time through filtration sidestream.
- Calculates and adjusts Ryznar Stability Index of the system water with the measurements in order to disperse existing scale deposits and prevents new ones to form.
- To avoid undue stress caused by corrosion increase, feedwater intake and blowdown operations are done according to the measurement data
- Prevents unnecessary chemical usage with security modules, one panel management and Proportional dosage protocols.
- Because the analysis is done continually, both analysis and operational costs are reduced.
- Prevents unnecessary stops by eliminating scale and microbiological built up as well as corrosion reduction.
- Clears the cooling water from solid particles that come from feedwater and environment without the need for additional discharge
- Clears the system of organic and inorganic particulates which function as nutrient for microbiological formations. This eases microbiological control and reduces biocide usage.
- Makes regular blowdown to discharge solid particulates unnecessary thus preventing chemical waste and stops for this particular operations.
- Prevent biofilm formation and colonization from particulate contaminations
- With multistep filtration technology, the backwash water for the filters can be captured and reintroduced to system.
- Because the system is totally automated, eliminates the need for additional manpower.

COOLING TOWER WATER MANAGER



Model	Filter Inlet/Outlet	Flow	Pump Power	Pump Inlet	Pump Outlet
WATERMANAGER 15	1/2"(DN15)	1-4m ³ /h	0,65 kW	DN 32	DN 32
WATERMANAGER 20	3/4"(DN20)	2-7	1,2kW	DN 40	DN 32
WATERMANAGER 25	1"(DN25)	7-10	1,2kW	DN 40	DN 40
WATERMANAGER 40	1 1/2"(DN40)	10-16	1,6kW	DN 50	DN 50
WATERMANAGER 50	2"(DN50)	16-24	2,2	DN 50	DN 50
WATERMANAGER 65	2 1/2"(DN65)	24-35	4	DN 165	DN 50
WATERMANAGER 80	3"(DN80)	35-65	5,5	DN 80	DN 65
WATERMANAGER 100	4"(DN100)	65-90	7,5	DN 100	DN 80

	Water Manager Basic	Water Manager Plus
Water Filtration	✓	✓
Basin Bottom Sweep	✓	✓
Waste Water savings	✓	✓
Differential Pressure Sensors	✓	✓
Filtre Blowdon Timer	✓	✓
pH Measurement		✓
Conductivity Measurement		✓
Blowdown Management		✓
Acid Dosage		✓
Treatment Control		✓



CERTIFICATES

- ISO 9001:2015 Quality Management
- ISO 14001:2015 Environment Management
- BSRIA Flushing / Pickling Application
- Boiler Chemicals Brand Registry
- Cooling Chemicals Brand Registry
- Industrial Chemicals Brand Registry
- Cooling Tower Filtration and Dosage Systems Brand Registry

K A

HİZMETLERİ

ŞİFED ŞİRKETİ

Plaza No:2991 Oda No:Yok
Bulvarı No:12 Oda No:Yok

İşletme sistemi, UNIVERSAL
çözümüyle.

İYİS VE KAKIM MİMARLIĞI,
MÜHÜRLEME, NİTELİK VE NİTELİK
İN SATIŞI, SU ANALİZLERİNİN
TİK SU ANALİZİ SÜREKLİ
E-KİM MİMARLIĞI,
E-İTİ

0.19 saatlik rapor, kardeşin

staternektir.

çerçile:

Yayı Tarihi: 01.08.2019

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ŞEHİT BELGESİ
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ANAYETİCARET LİMİTED
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