

The logo for WaterManager features a stylized 'WM' monogram in a light blue color above the word 'watermanager' in a dark blue, lowercase sans-serif font. A registered trademark symbol (®) is located at the end of the word.

WM
watermanager®

The logo for Deser consists of a green square icon with a white diagonal line, followed by the word 'Deser' in a grey, lowercase sans-serif font.

Deser

www.deserkimya.com

watermanager®



WM
watermanager®

These systems are designed for maintaining water qualities and chemical concentrations as well as providing constant particle filtration. Water manager systems analyses circulation cooling water, doses appropriate chemicals according to its analysis data, it also manages water intake as well as blowdown operations. Designed according to specific systems and towers' needs water manager allows you to take control of cooling tower water management online or integrated to your systems.

Advantages

Chemical treatment and filtration can be achieved through single panel, online or integrated local control and quality systems.

- ✓ Cooling tower circulation water ph and conductivity is observed and stored in real time.
- ✓ These values are used to calculate Ryznar Stability Index (RSI), which indicates the scale and corrosion of the water. By adjusting value band of RSI in real time the system can meet any changes in the water quality.
- ✓ Automates blowdown and fresh water intake, uses analysis data for systems water needs.
- ✓ Reduces chemical usage with one center management, security features and proportional dosage technology.
- ✓ Reduces both maintenance and analysis costs by automatizing analysis.
- ✓ Prevents unscheduled stops caused by microbiological buildup, scale and sludge buildup.
- ✓ By reducing the total organic / inorganic particle concentration from the basin simplifies the microbiological control process.
- ✓ By negating the need for long blowdowns to get rid of accumulated solid particles, prevents water energy and chemical loss.
- ✓ By expelling solid particles prevents biological formations, specifically biofilm.
- ✓ With multistep filtration integrated to the Water Manager recaptures bad wash water.
- ✓ Full automation and integration reduces man/hour cost
- ✓ Expels foreign particle contaminations from cooling tower basin without extra water intake.



Model	Filter Inlet/outlet	FLOW	Pump power (3000rpm)	Pump Inlet	Pump Outlet
WATERMANAGER 15	½"(DN15)	1-4 m3/h	0,65 kW	DN32	DN32
WATERMANAGER 20	¾"(DN20)	2-7	1,2 kW	DN40	DN32
WATERMANAGER 25	1"(DN25)	7-10	1,3 kW	DN40	DN40
WATERMANAGER 40	1 ½"(DN40)	10-16	1,6 kW	DN50	DN50
WATERMANAGER 50	2"(DN50)	16-24	2,2	DN50	DN50
WATERMANAGER 65	2 ½"(DN65)	24-35	4	DN65	DN50
WATERMANAGER 80	3"(DN80)	35-65	5,5	DN80	DN65
WATERMANAGER 100	4"(DN100)	65-90	7,5	DN100	DN80

	Water Manager Basic	Water Manager	Water Manager Plus
Treatment Capacity	110 µ	70 µ	70 µ
Water Filtration	✓	✓	✓
Basin Sweep	✓	✓	✓
Infilter blowdown	✓	✓	✓
Waste water reduction		✓	✓
Pressure differential censored (Ops)		✓	✓
Electric Panel		✓	✓
Pre installed on skid		✓	✓
PH analysis			✓
Conductivity analysis			✓
Blowdown control			✓
Acid dosage control			✓
Treatment control			✓