

## WATER SUPPLY MODULE

### TECHNICAL DATA

- ① NO CONNECTIONS ON TOP
- ② FRESH WATER - PRE-HEATING PLATES
- ③ CONDENSATE RETURN UNDER THE WATER SURFACE
- ④ SHORT PIPES OUTSIDE THE TANK AND GOOD INSULATION
- ⑤ ALL COMPONENTS FIT UNDER THE VESSEL



### TECHNICAL DATA

	SWG 220	SWG 330	SWG 570	SWG 860
<b>Height</b>	2295 mm	2295 mm	2295 mm	2295 mm
<b>Width</b>	1150 mm	1650 mm	1150 mm	1650 mm
<b>Depth</b>	650 mm	650 mm	950 mm	950 mm
<b>Volume</b>	220 l	330 l	570 l	860 l
<b>Condensate return</b>	2"	2"	2 ½"	2 ½"
<b>Ventilation pipe</b>	1 ½"	2 ½"	2 ½"	2 ½"
<b>Outlet to the boiler</b>	2"	2"	2 ½"	2 ½"
<b>Overflow</b>	2"	2"	2"	2"
<b>Steam pipe</b>	½"	½"	½"	½"



## WATER SUPPLY MODULE

### HIGHLIGHTS

#### → ENERGY EFFICIENCY

- Total use of condensate energy
- Re-use of low-level steam energy for feed-water pre-heating
- Short exterior pipes

#### → REDUCED CONSUMPTION OF DOSING CHEMICALS

- By higher feed water temperatures
- By partial degassing on pre-heating plates

#### → COMPACT, ROBUST DESIGN

- Only corrosion-free materials
- Integration of all components below the feed-water tank
- All connections below or on one side

### DESIGN

- Feed-water condensate tank with fresh water pre-heating plates, level regulation, temperature sensor, cleaning lid, water level indicator
- Condensate recirculation below water surface
- Outlets for water samples
- Softening plant
- Dosing pump
- Integrated blow-down vessel (optional)
- Pre-heating device with steam (optional)

The integration of all the modules necessary for water purification results in a compact, rugged design (with a small footprint). For ease of installation and operation all access points are reachable from below or from one side. This facilitates installation, even in small rooms with low ceilings.

### WHY WATER TREATMENT?

The correct pre-treatment of water is an essential element to achieve safe, failure-free and economic boiler operation as well as the optimal quality of steam.

The water supply unit reduces sedimentation, oxygen, carbonic acid and salinity in the boiler water and increases the PH-value.

The water treatment includes the softening of water, the adding of oxygen binding chemicals as well as the preheating of water.

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