

PROTECTION AGAINST BOILER CORROSION AND FOULING

Insulated Load Units



REGOMAT EA W 5/4

Load unit with manual bypass balancing

Load unit for solid-fuel boilers and fireplaces that prevents **low-temperature corrosion and boiler fouling by keeping a boiler (fireplace) inlet temperature** through a load valve.

REGOMAT EA W 5/4 load unit comes in a left version (outlet to boiler is on its left side), and can be easily modified to a right version (outlet to boiler on its right side) during installation. Its installation position can be either horizontal or vertical.

It consists of a Wilo Yonos Para RS25/7.5 high efficiency circulation pump incl. connection cable, thermometer, insulation and TSV5 valve with a thermostatic element of 65 or 72 °C opening temperature. **Balancing of TSV valve needs to be performed manually using a balancing valve in the by-pass pipe.**

Boiler manufacturer ATMOS recommends that these models of load units are used with his boilers.

Technical Data

FLUID WORKING TEMPERATURE	2 - 95 °C
POWER SUPPLY	230 V, 50 Hz
IP RATING	IP44
TOTAL WEIGHT	3.3 kg
CONNECTION	3x 5/4"
K_{vs} from A to AB	7.0 m ³ /h
K_{vs} from B to AB	11.5 m ³ /h
MAX. HEAD	7.6 m
PUMP OPERATING POINT at Δt 20 K	3.3 m ³ /h flow rate 3.8 m head

For circulation pump performance curves see page 49.

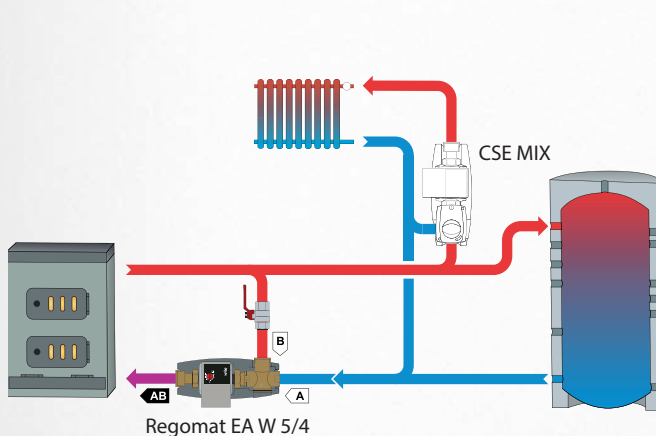
Prevention of low-temperature corrosion of boilers.
Installation possible with A inlet from either right or left side.
Minimum heat loss thanks to thermal insulation.

Versions

Name	Code	Valve opening temp.	Recommended max. boiler output*
REGOMAT EA 65 W 5/4	16037	65 °C	50 kW
REGOMAT EA 72 W 5/4	16032	72 °C	50 kW

* at Δt of 20 K and fully open balancing valve

Connection in a system



Dimensions

