PROTECTION AGAINST BOILER CORROSION AND FOULING
Load Units

RegulusRGMAT EA W6 1“
Load Unit with thermostatic mixing and 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.

RegulusRGMAT load unit comes in a left-hand version (outlet to boiler is on its left side), and can be easily modified to a right-hand version (outlet to boiler on its right side) during installation. Its installation position can be either horizontal or vertical.

Balancing of TSV valve needs to be performed manually using a balancing valve in the bypass pipe.

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

TECHNICAL DATA

FLUID WORKING TEMPERATURE	**5–95 °C**
POWER SUPPLY	**230 V, 50 Hz**
IP RATING	**IP44**
TOTAL WEIGHT	**3.6 kg**
CONNECTIONS	**3x G 1“ F**
K_{vs} from A to AB	**6.2 m³/h**
K_{vs} from B to AB	**10.1 m³/h**
MAX. HEAD	**6.7 m**
PUMP OPERATING POINT at Δt 20 K	**1.8 m³/h flow rate 3.7 m head**
PUMP CONTROL	**ON/OFF (Δp-c / Δp-v / I, II, III)**

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.

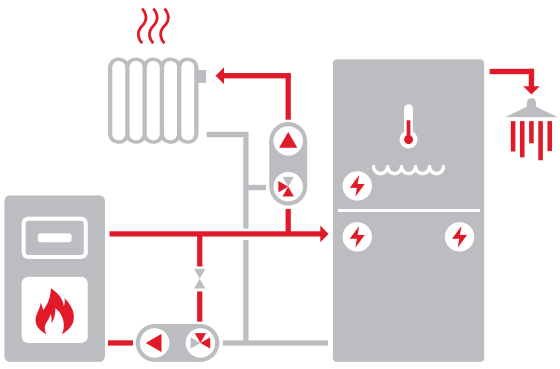
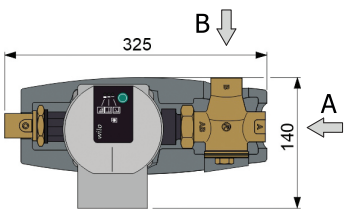
COMPONENTS

- Wilo PARA 25/6 SC high-efficiency circulation pump incl. connection cable
- Shutoff ball valve for the pump
- Thermometer
- Insulation
- TSV3 valve w. thermostatic element, opening temperature 65° or 72°C

VERSIONS	CODE	VALVE OPENING TEMPERAT.	RECOMMENDED MAX. BOILER OUTPUT
RGMAT EA 65 W6 1“	18699	65 °C	25 kW
RGMAT EA 72 W6 1“	18701	72 °C	25 kW

* at Δt of 20 K and fully open balancing valve

CONNECTION IN A SYSTEM



DIMENSIONS