PROTECTION AGAINST BOILER CORROSION AND FOULING
Load Units

RegulusRGMAT E W6 1“
Load Unit with thermostatic mixing

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.

COMPONENTS

- Wilo PARA 25/6 SC high-efficiency circulation pump incl. connection cable
- Shutoff ball valve for the pump
- Thermometer
- Insulation
- TSV3BF valve w. thermostatic element, opening temperature 45° to 70°C

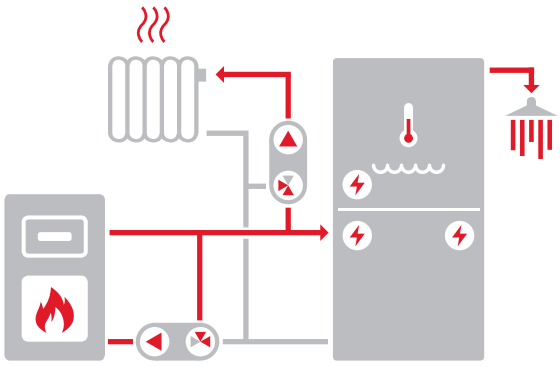
TECHNICAL DATA

FLUID WORKING TEMPERATURE	**5–95 °C**
POWER SUPPLY	**230 V, 50 Hz**
IP RATING	**IP44**
TOTAL WEIGHT	**3.3 kg**
CONNECTIONS	**3x G 1“ F**
K_{vs} from A to AB	**6.2 m³/h**
K_{vs} from B to AB	**4.4 m³/h**
MAX. HEAD	**6.7 m**
PUMP OPERATING POINT at Δt 20 K	**1.7 m³/h flow rate 3.9 m head**
PUMP CONTROL	**ON/OFF (Δp-c / Δp-v / I, II, III)**

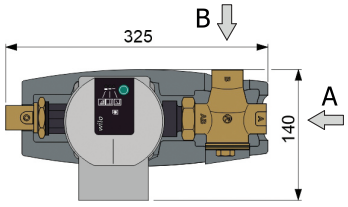
Prevention of low-temperature corrosion of boilers. Installation possible with A inlet from either right or left side. Minimum heat loss thanks to thermal insulation.

VERSIONS	CODE	VALVE OPENING TEMPERAT.	RECOMMENDED MAX. BOILER OUTPUT
RGMAT E 45 W6 1“	18668	45 °C	45 kW
RGMAT E 50 W6 1“	18680	50 °C	42 kW
RGMAT E 55 W6 1“	18612	55 °C	36 kW
RGMAT E 60 W6 1“	18681	60 °C	32 kW
RGMAT E 65 W6 1“	18682	65 °C	26 kW
RGMAT E 70 W6 1“	18683	70 °C	22 kW

CONNECTION IN A SYSTEM



DIMENSIONS



Also available with PARA 25/8 iPWM1 pump controlled by PWM signal
Code: 18133 - 55°C, 18131 - 65 °C.