PROTECTION AGAINST BOILER CORROSION AND FOULING
Load Units

RegulusRGMAT E W8 5/4“
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.

TECHNICAL DATA

FLUID WORKING TEMPERATURE	**5–95 °C**
POWER SUPPLY	**230 V, 50 Hz**
IP RATING	**IP44**
TOTAL WEIGHT	**3.7 kg**
CONNECTIONS	**3x G 5/4“ F**
K_{vs} from A to AB	**7.0 m³/h**
K_{vs} from B to AB	**4.9 m³/h**
MAX. HEAD	**8.5 m**
PUMP OPERATING POINT at Δt 20 K	**2.6 m³/h flow rate 4.6 m head**
PUMP CONTROL	**ON/OFF (Δp-c / Δp-v / I, II, III)**

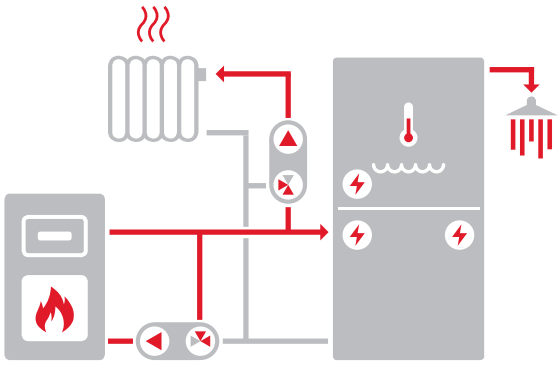
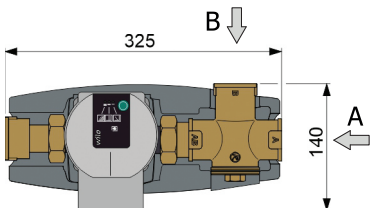
COMPONENTS

- Wilo PARA 25/8 SC high-efficiency circulation pump incl. connection cable
- Thermometer
- Insulation
- TSV5B valve w. thermostatic element, opening temperature 55° or 65°C.

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 55 W8 5/4“	18684	55 °C	55 kW
RGMAT E 55 W8 5/4“	18663	65 °C	40 kW

CONNECTION IN A SYSTEM



DIMENSIONS