

LOAD UNITS FOR BOILERS

RegulusBIO 55 G 1F Load Unit for heating systems with solid fuel (biomass) boiler



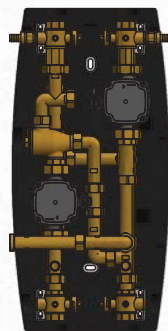
RegulusBIO 55 G 1F load unit is designed for use with solid fuel boilers with no thermal store, with a possibility of DHW heating. Water entering the heating system is mixed to the temperature corresponding to the boiler output. Return water temperature to boiler is kept at the min. temperature of 55°C by the load valve. Heating output is controlled by the boiler controller – e.g. by switching a pellet fired boiler.

Technical Data

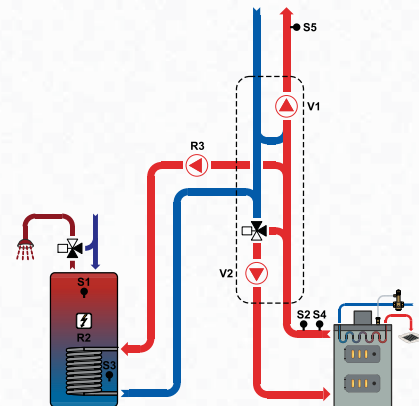
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|-------------------------------------|---------------------|
| CONNECTIONS | 1" F |
| FLUID WORKING TEMPERATURE | 5 - 95 °C |
| NOMINAL INLET TEMPERATURE TO BOILER | 55 °C |
| POWER SUPPLY | 230 V, 50 Hz |
| PIPE DISTANCE | 125 mm |
| DIMENSIONS | 640 x 250 x 350 mm |
| PUMP | Grundfos UPM3 25-75 |
| PUMP CONTROL | manual or PWM |
| MAX. HEAD | 7.5 m |
| MAX. BOILER OUTPUT | 38 kW |
| CODE | 17502 |

Components

- Heating system pump inc. power cable
- Boiler pump incl. power cable
- TSV3B load valve
- 2 ball valves and 2 drain valves, to shut off and drain a heating system
- 2 ball valves to shut off a boiler
- 4 thermometers



Connection in a system



Possible variants on order:

- connections: 3/4", 5/4", Cu22, Cu28.
- return water temperature: 45, 50, 60, 65, 70 °C
- safety valve 1,5-6 bar