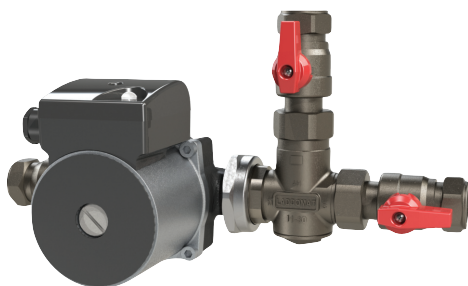
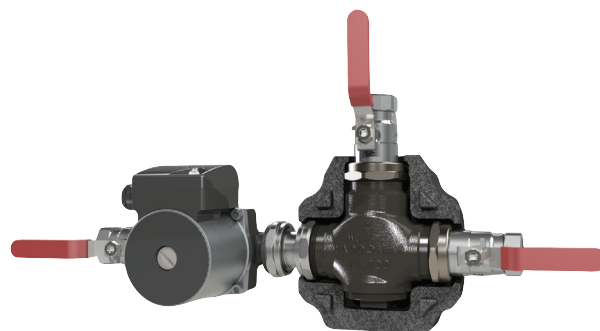


# LADDOMAT® 11-Series

Thermal charging and boiler protection unit



Laddomat 11-30

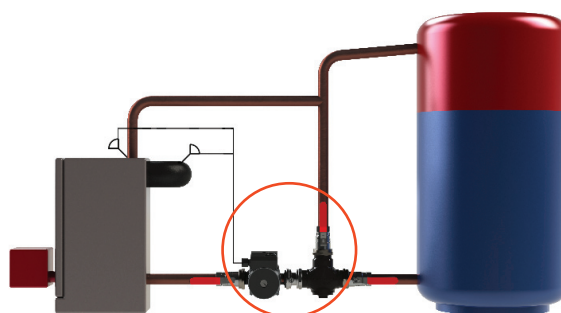


Laddomat 11-100

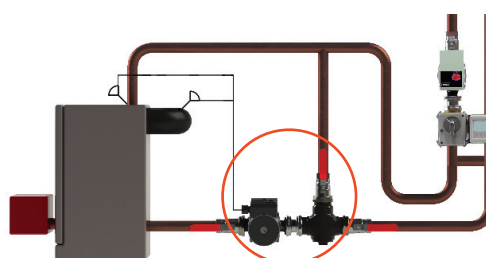
Laddomat 11 is a complete unit and is simple to install. It ensures perfect charging of the tank. Thanks to efficient hot water control, Laddomat 11 can have a higher opening temperature at high boiler output compared to other similar products.

- Laddomat 11 raises the return temperature to the bottom of the boiler. This prevents corrosion and tar formation, which extends the service life of the boiler significantly.
- Laddomat 11 enables the boiler to attain working temperature in a very short time. This improves the boiler efficiency.
- Laddomat 11 charges the storage tank by means of a slow flow of hot water. A thin boundary layer in the storage tank is necessary for an effective, easy-to-operate boiler system. With Laddomat 11 layering is optimal.
- During the final part of firing, Laddomat 11 charges the storage tank fully, thanks to the unique thermal valve, which closes the bypass port completely.

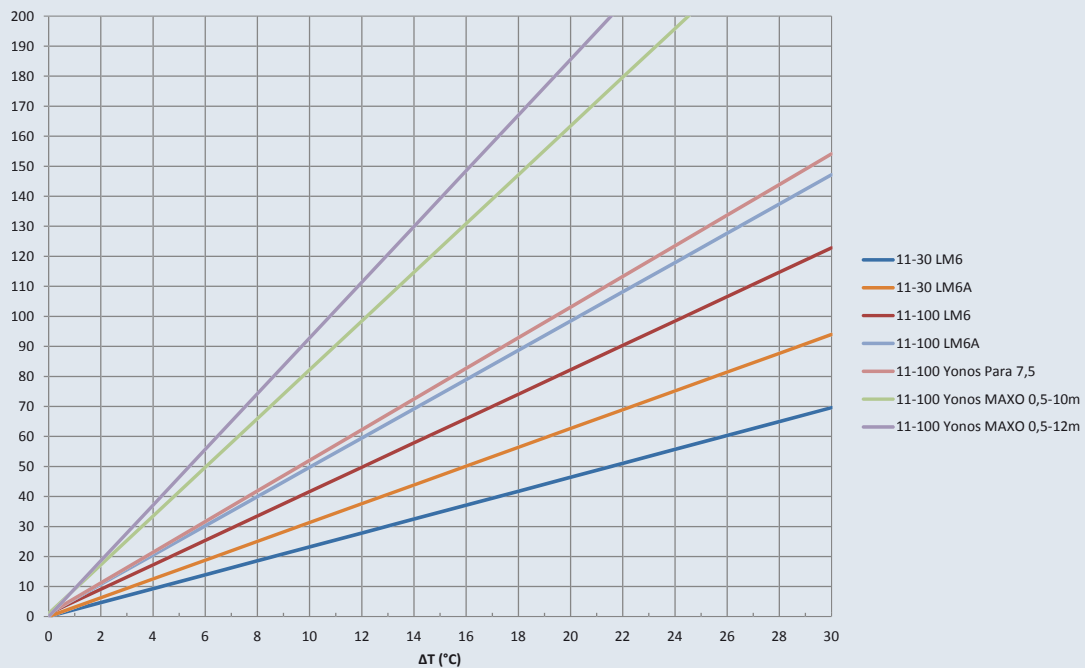
- Simple dimensioning - Laddomat 11 fits all boilers with maximum output up to 60/200 kW (at  $\Delta T$  22°C).
- Laddomat 11 is supplied with ball valves to facilitate any servicing without having to drain the system.
- EPP insulation fitted as standard in the Laddomat 11-100.



Laddomat 11 placed by the boiler or the accumulator



Installation example without accumulator.



ΔT = Temperature difference in/out of boiler

## Technical data 11-30

Thermostat cartridge: 53°, 57°, 63°, 66°, 72°, 78°, 83° or 87°C

Pump: 6 m (non EU) (max 50 kW)  
6 m ErP (max 60 kW)

Connection: Cu22  
R25

Max. boiler output: **60 kW** (see diagram above)



## Technical data 11-100

Thermostat cartridge: 53°, 57°, 63°, 66°, 72°, 78°, 83° or 87°C

Pump: 6 m (non EU) (max 85 kW)  
6 m ErP (max 105 kW)  
7,5 m ErP (max 110 kW)  
10 m ErP (max 180 kW)  
12 m ErP (max 200 kW)

Connection: Cu28  
R32  
R40 adapter kit  
R50 adapter kit

Max. boiler output: **200 kW** (see diagram above)

