

# LADDOMAT® 21-60

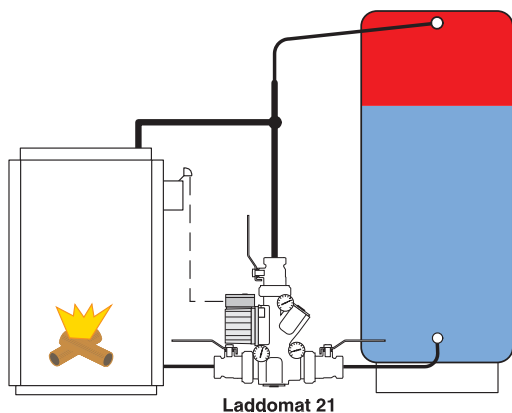
## Charging unit for a solid fuel boiler to a heat storage tank.

Laddomat 21-60 is a complete unit and is simple to install.

Laddomat 21-60 ensures perfect charging of the tank.

Thanks to efficient hot water control, Laddomat 21-60 can have a higher opening temperature at high boiler output compared to other similar products.

- Laddomat 21-60 enables the boiler to quickly attain the right working temperature and then charges with a slow flow and a high and even temperature. The vitally important boundary layer\* between hot and cold water is therefore optimal.
- Laddomat 21-60 increases the return temperature to the boiler bottom. It prevents corrosion and extends the service life of the boiler.
- During the final part of firing, Laddomat 21-60 charges the storage tank fully, thanks to the unique thermal valve, which closes the bypass port completely.
- After firing, Laddomat 21-60 makes use of the residual heat in the boiler and embers by the self-circulation of hot water from the top of the boiler into the storage tank.



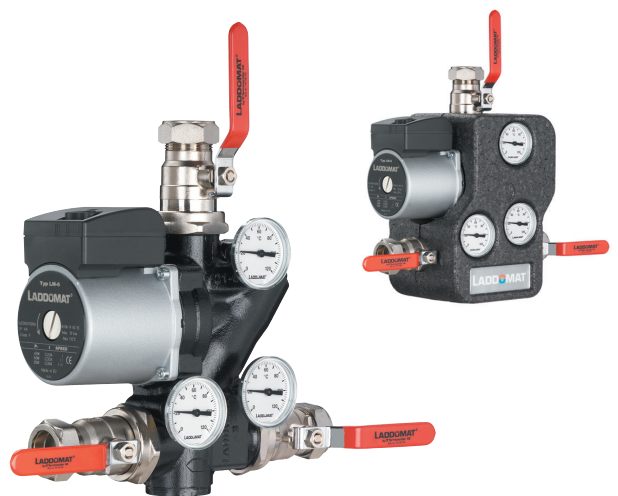
Laddomat 21

### Technical data

Pump:	Laddomat LM6 (standard) Laddomat LM6A, ErP-ready
Connection:	3 x Cu28 with lever 3 x R32 with lever
Opening temperature:	53°, 57°, 63°, 66°, 72°, 78°, 83° or 87°
Max. boiler output:	<b>60 kW</b>

- In the event of a power failure Laddomat 21-60 starts charging the tank automatically by self-circulation. The same happens if the pump fails = High operational reliability!
- Simple dimensioning - Laddomat 21-60 is suitable for use with any boiler with maximum output up to 60 kW.
- Laddomat 21-60 has a rugged design with generous sealing surfaces, for simple fitting.
- Laddomat 21-60 is manufactured for maximum service life and problem free function. For example, the valve does not have any cast seats that can cause corrosion and leakage and is designed to have a minimal risk of oscillation.
- Laddomat 21-60 is extremely easy to service compared to other "solutions". The shut-off valves mean that maintenance can be carried out easily without draining the system.
- The shut off valves have extra large openings to cope with the maximum flow demand at the end of the charging period and during self-circulation.
- Three thermometers offer full control over the charging cycle.
- Very small general dimensions and low weight allow easy installation.
- EPP-insulation is standard.

\***Layering** = A thin border between the hot water on top and the colder, denser water underneath.



# LADDOMAT®

by  Termonventiler AB

