Art.No.
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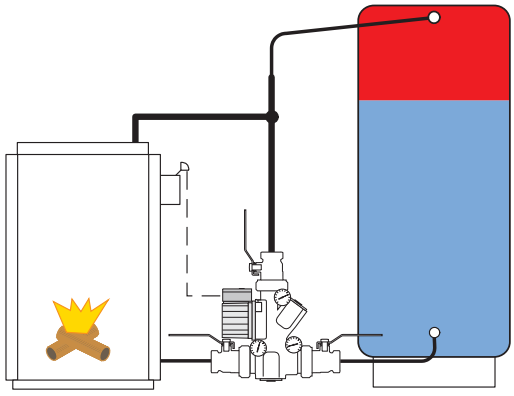
Laddomat® 21-60

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 21-60

- 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.*

Technical data

Pump:	Laddomat LM6 (**standard**)
Connection:	3 x Cu28 with lever (**standard**)
Opening temperature:	72° (**standard**) 63°, 78° or 83° on special order
Max. boiler output:	**60 kW**

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