

# LADDOMAT® 11-100

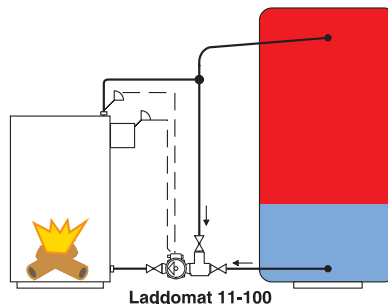
## Thermal charging valve

- Laddomat 11-100 raises the return temperature to the boiler bottom, which prevents corrosion through condensation and extends the service life of the boiler.
- Laddomat 11-100 enables the boiler to attain working temperature in a very short space of time. This improves boiler efficiency.
- Laddomat 11-100 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 11-100 layering is optimal.
- During the final part of firing, Laddomat 11-100 charges the storage tank fully, thanks to the unique thermal valve, which chokes the bypass port.
- Simple dimensioning - Laddomat 11-100 is suitable for use with any boiler with maximum output up to 120 kW.
- Laddomat 11-100 is supplied with shut off valves to facilitate any servicing without having to drain the system.
- EPP insulation is standard

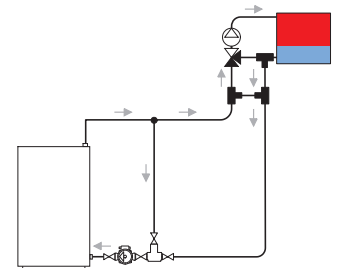
**Layering** = A thin border between the hot water on top and the colder, denser water underneath.

### Technical data

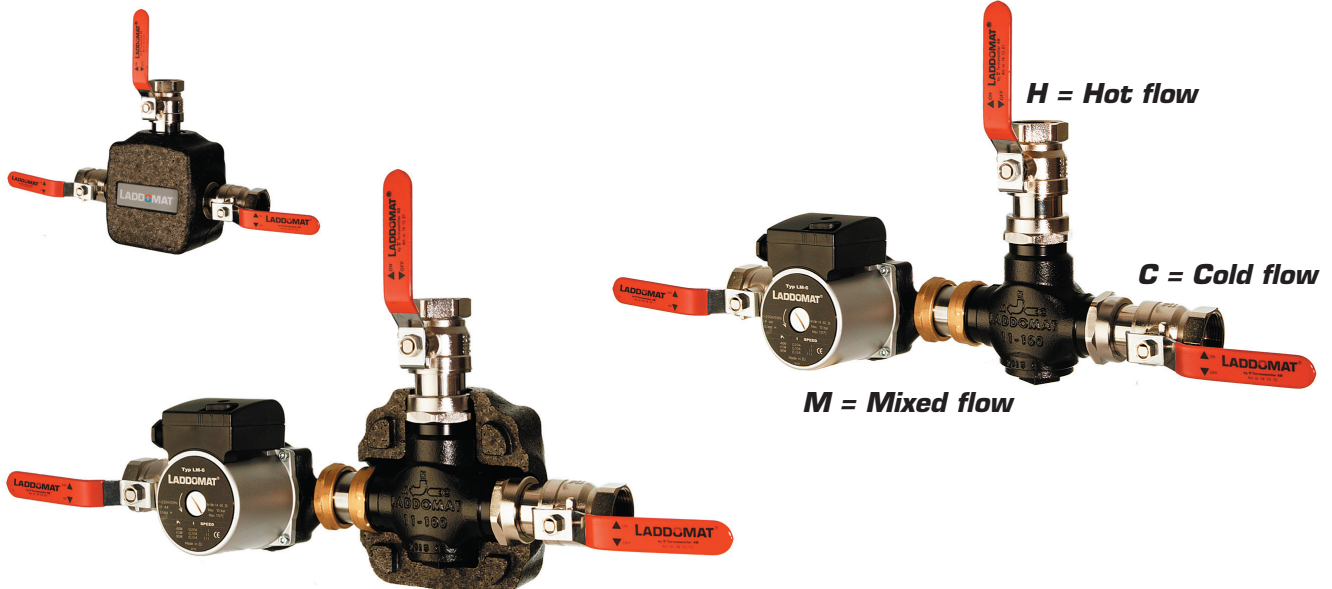
Thermostat cartridge:	53°, 57°, 63° 72°, 78°C or 83°C
Pump:	4 m, < 35 kW 6 m, < 65 kW 7 m, < 120 kW
Connection:	3 x R32 with lever 3 x Cu28 with lever
Max. boiler output:	<b>120 kW (see dimensioning)</b>
Pressure class:	PN 6
Max. temp:	Max. +100°C Min. +5°C



Laddomat 11-100 placed by the boiler or the accumulator



Installation example without accumulator.



# LADDOMAT®

by Tervoterm AB

LM11-100\_E.indd  
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