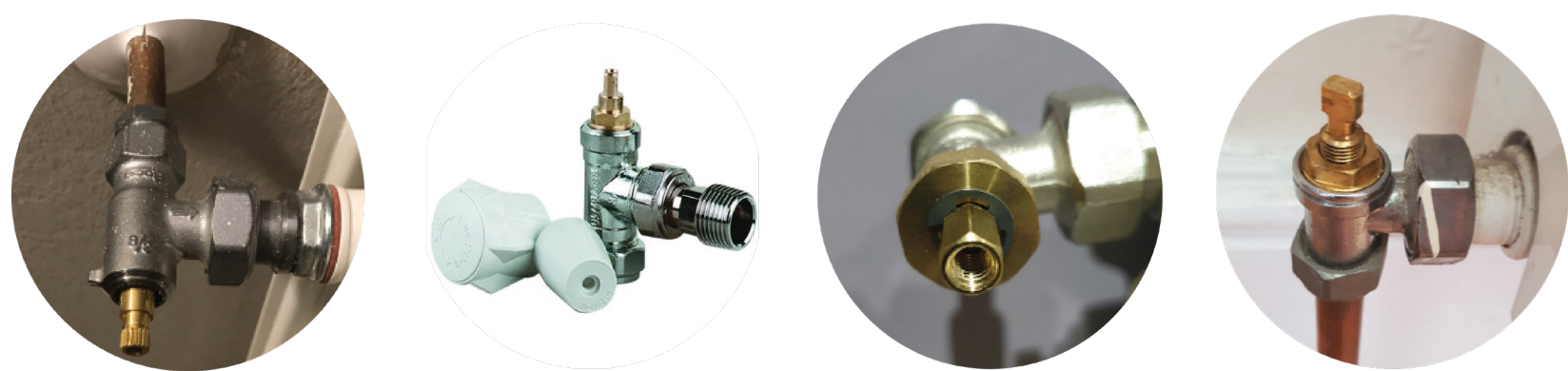# meross

## Non-thermostatic radiator valves

A non-thermostatic or manual valve is a simple on/off valve that works like a tap. It regulates hot water flow to the radiator and changes the room's temperature only when it is manually turned on or off. If you unmount the valve head of a manual valve, you'll find that there is no pin that can be pushed in and out.

Unfortunately, Meross Smart Radiator Thermostats are not compatible with non-thermostatic radiator valves.

To be able to use Meross on your radiator, consider getting your valve replaced with an M30 x 1.5 mm thermostatic radiator valve.

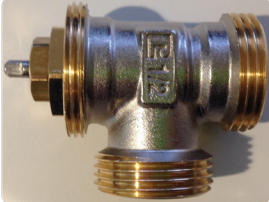The pictures below show a few examples of common non-thermostatic radiator valves:

## Thermostatic radiator valves

A thermostatic radiator valve senses the room temperature and automatically adjusts the hot water flow to the radiator to maintain a constant temperature in the room.
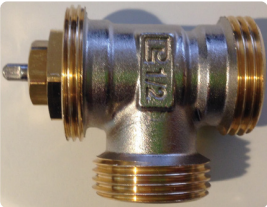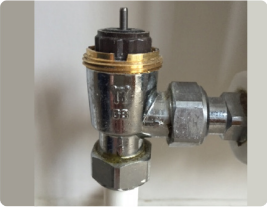
The Meross Smart Radiator Thermostat works only with thermostatic radiator valves and it replaces your existing thermostatic valve head.

Please note: Meross smart radiator thermostat valve only support water based radiator. Any underfloor heating and electrical heating are not supported.

Please check the list below to find out if your thermostatic radiator valve is compatible with Meross, if an adapter is needed to install Meross on it and if we supply this adapter or not. Those marked "X", you can still buy adapters on Amazon or other online store to transform the connector to M30 x 1.5 mm and then you can buy and install Meross .

| Brand name | Model | Type of connection (Thread / Clamp) | Is Meross compatible? | Is an adapter provided? | Picture |
|---|---|---|---|---|---|
| Altecnic altecnic | Ecotal | Thread: M30 x 1.5 mm | ✓ No adapter needed | - | |
| Braukmann | | Thread: M40 x 1.5 mm | ✗ No adapter available | - | |
| BRV brv | | Thread: M30 x 1.5 mm | ✓ No adapter needed | - | |

| Brand name | Model | Type of connection (Thread / Clamp) | Is Meross compatible? | Is an adapter provided? | Picture |
|---|---|---|---|---|---|
| Boss BOSS THERM™ | Supreme | Thread: M28 x 1.5 mm | ✓ Adaptor not included | M28 x 1.5 to M30 x 1.5 Adaptor available on Amazon | |
| Danfoss | RAS CK | Thread: M30 x 1.5 mm | ✓ No adapter needed | - | |
| Danfoss / Honeywell | RA-A, B, C / T2000 / T6000 / T3000 / RAS C2 | Clamp: 23mm with notches | ✓ With adapter | ✓ Adapter name: RA-02 | |
| Danfoss | RAV / RA-N | Clamp: 34 mm with 4 notches | ✓ With adapter | ✓ Adapter name: RAV-02 | |
| Danfoss | RAVL | Clamp: 25.5 mm with 4 notches | ✓ With adapter | ✓ Adapter name: RAVL-02 | |
| Danfoss | FJVR | Clamp: 32 mm with 2 notches | ✗ No, RTL-valve | ✗ | |
| Danfoss | RTD | Thread: M30 x 1.5 mm | ✗ No adapter available | - | |
| Drayton | RT212 / RT313 / RT414 / TRV4 | Thread: M30 x 1.5 mm | ✓ No adapter needed | - | |
| Drayton | TRV3/2/4C | Thread: M28 x 1.0 mm | ✗ No adapter available | - | |
| Emmeti | | Clamp: 23 mm | ✗ No adapter available | - | |
| FAR | | Thread: M23 x 1.5 mm | ✗ No adapter available | - | |

| Brand name | Model | Type of connection (Thread / Clamp) | Is Meross compatible? | Is an adapter provided? | Picture |
|---|---|---|---|---|---|
| Fratelli - Pettinaroli | | Thread: M28 x 1.5 mm | ✓ Adaptor not included | M28 x 1.5 to M30 x 1.5 Adaptor available on Amazon | |
| Gampper | | Clamp: inside thread M20 | ✗ No adapter available | - | |
| Gampper | | Clamp: inside thread M22 | ✗ No adapter available | - | |
| Gampper | | Thread: M30 x 1.5 mm | ✓ No adapter needed | - | |
| Giacomini | | Clamp: 22,6 mm | ✗ No adapter available | - | |
| Heimeier | | Thread: M30 x 1.5 mm | ✓ No adapter needed | - | |
| Herz, Honeywell | 7230 / 7235 / 7260 / 7262 | Thread: M28 x 1.5 mm | ✓ Adaptor not included | M28 x 1.5 to M30 x 1.5 Adaptor available on Amazon | |
| Honeywell / Braukmann | Thera T1000, T2000, T3000, T4000, T6000 Series. VT117E / VT200E / VT15 | Thread: M30 x 1.5 mm | ✓ No adapter needed | - | |
| Ista | | Thread: M32 x 1.0 mm | ✗ No adapter available | - | |
| Junkers | | Thread: M30 x 1.5 mm | ✓ No adapter needed | - | |
| Landis & Gyr | | Clamp: 24 mm | ✗ No adapter available | - | |

| Brand name | Model | Type of connection (Thread / Clamp) | Is Meross compatible? | Is an adapter provided? | Picture |
|---|---|---|---|---|---|
| Markardys — MMA | Evosense Sprint & Public / MTW-AD / DTW / VR10 | Thread: M28 x 1.5 mm | ✓ Adaptor not included | M28 x 1.5 to M30 x 1.5 Adaptor available on Amazon |  |
| MNG | | Thread: M30 x 1.5 mm | ✓ No adapter needed | - |  |
| Myson — MYSON | | Thread: M28 x 1.5 mm | ✓ Adaptor not included | M28 x 1.5 to M30 x 1.5 Adaptor available on Amazon |  |
| Myson — MYSON | TRV 2 way Petite | Thread: M30 x 1.5 mm | ✓ No adapter needed | - |  |
| Orkli — orkli | Harmony, Eroso, Victory, Electrónica, Viking | Thread: M28 x 1.0 mm | ✗ No adapter available | - |  |
| Oventrop — OV | Uni LV Vaillant | Clamp: 30.5 mm | ✗ No adapter available | - |  |
| Oventrop — OV | UniLDVL | Clamp: 25.5 mm with 4 notches | ✓ With adapter | ✓ Adapter name: RAVL-02 |  |
| Oventrop — OV | UniLDV | Clamp: 34 mm with 4 notches | ✓ With adapter | ✓ Adapter name: RAV-02 |  |
| Oventrop — OV | UniXD | Clamp: 23 mm with notches | ✓ With adapter | ✓ Adapter name: RA-02 |  |
| Oventrop — OV | Uni LA Herz | Thread: M28 x 1.5 mm | ✓ Adaptor not included | M28 x 1.5 to M30 x 1.5 Adaptor available on Amazon |  |
| Oventrop — OV | Vindo TH / Uni series / Pinox H | Thread: M30 x 1.5 mm | ✓ No adapter needed | - |  |
| Oventrop — OV | | Thread: M30 x 1.0 mm | ✗ No adapter available | - |  |

| Brand name | Model | Type of connection (Thread / Clamp) | Is Meross compatible? | Is an adapter provided? | Picture |
|---|---|---|---|---|---|
| Oventrop **OV** | Uni LI ISTA | Thread: M32 x 1.0 mm | ✗ No adapter available | - |  |
| Oventrop **OV** | | Thread: M40 x 1.5 mm | ✗ No adapter available | - |  |
| Pegler **PEGLER PY** | Yorkshire, Terrier (I) (II) (III) / Mistral (I) (II) / Belmont | Thread: M30 x 1.5 mm | ✓ No adapter needed | - |  |
| Pegler Yorkshire **PEGLER PY** | Conic / Bulldog | Thread: M28 x 1.5 mm | ✓ Adaptor not included | M28 x 1.5 to M30 x 1.5 Adaptor available on Amazon |  |
| Pintossi **pintossi+c** | | Thread: M26 x 1.5 mm | ✗ No adapter available | - |  |
| Poletti | | Thread: M30 x 1.5 mm | ✓ No adapter needed | - |  |
| R.B.M. **RBM** | | Thread: M30 x 1.5 mm | ✓ No adapter needed | - |  |
| Roca **ROCA** BAXI GROUP | | Clamp: 22,6 mm | ✗ No adapter available | - |  |
| SALUS **SALUS CONTROLS** | SALUS TRV | Thread: M30 x 1.5 mm | ✓ No adapter needed | - |  |
| SAM (Slovarm) | | Thread: M28 x 1.5 mm | ✓ Adaptor not included | M28 x 1.5 to M30 x 1.5 Adaptor available on Amazon |  |
| Schlösser | | Thread: M30 x 1.5 mm | ✓ No adapter needed | - |  |
| Siemens **SIEMENS** | | Thread: M30 x 1.5 mm | ✓ No adapter needed | - |  |

| Brand name | Model | Type of connection (Thread / Clamp) | Is Meross compatible? | Is an adapter provided? | Picture |
|---|---|---|---|---|---|
| Siemens **SIEMENS** | | Thread: M28 x 1.5 mm | ✓ Adaptor not included | M28 x 1.5 to M30 x 1.5 Adaptor available on Amazon |  |
| Siemens **SIEMENS** | | Thread: M28 x 1.0 mm | ✗ No adapter available | - |  |
| Simplex **Simplex** | | Thread: M30 x 1.5 mm | ✓ No adapter needed | - |  |
| Sunvic **sunvic** | | Thread: M28 x 1.5 mm | ✓ Adaptor not included | M28 x 1.5 to M30 x 1.5 Adaptor available on Amazon |  |
| TA **TA HYDRONICS** | | Thread: M28 x 1.5 mm | ✓ Adaptor not included | M28 x 1.5 to M30 x 1.5 Adaptor available on Amazon |  |
| Vaillant **Vaillant** | TA Heimeier Vaillant Adapter | Clamp: 30.5 mm | ✗ No adapter available | - |  |
| Valf Sanayli **TSE** | | Thread: M30 x 1.5 mm | ✓ No adapter needed | - |  |
| Watts **≈** | | Thread: M30 x 1.5 mm | ✓ No adapter needed | - |  |

If your valve is not on this list or if none of the given adapters fit your valve, consider getting your valve replaced with an M30 x 1.5 mm thermostatic radiator valve.

Please note: While Meross works with a great range of thermostatic radiator valves, there may be a few that Meross currently does not support. In some cases, the compatibility depends on your complete heating setup. So please bear in mind that all information in this guide is indicative and, in no way, exhaustive.