Comap 803902

COMAP 6803 M28 Thermostatic Head with Remote Sensor for Radiators - Model 803902 Instruction Manual

Product Overview

The COMAP 6803 M28 Thermostatic Head with Remote Sensor is designed to provide precise temperature regulation for individual rooms equipped with radiators. This model features a 2-meter remote sensor, making it ideal for installations where the radiator valve is not easily accessible, such as when the radiator is enclosed in a casing.
It works in conjunction with a thermostatic radiator valve (TRV) to maintain a desired room temperature, enhancing comfort and energy efficiency.

Key Features

- High-quality liquid element for reliable temperature sensing.
- Enables temperature adjustment even when the radiator is enclosed.
- M28x1.5 connection for compatibility with standard thermostatic radiator valves.
- 2-meter remote sensor cable for flexible placement.
- Suitable for standard hot water heating applications, with a room temperature range of 7°C to +28°C.

Package Contents

- COMAP 6803 M28 Thermostatic Head
- 2-meter Remote Sensor

Installation Instructions

1. Preparation

1. Ensure the heating system is depressurized and cooled down before beginning installation.
2. Identify the thermostatic radiator valve (TRV) on your radiator. The COMAP 6803 M28 head is designed for M28x1.5 connections.

2. Attaching the Thermostatic Head

1. Unscrew and remove any existing thermostatic head from the radiator valve.

2. Carefully align the COMAP 6803 M28 thermostatic head with the valve body.
3. Screw the head onto the valve body until it is hand-tight. Do not overtighten.

3. Positioning the Remote Sensor

The remote sensor is crucial for accurate temperature measurement. Position it in an area that best represents the room's ambient temperature, away from direct heat sources (like the radiator itself, direct sunlight, or other appliances) and drafts.

- Use the 2-meter cable to place the sensor at an appropriate height, typically at breathing level (around 1.5 meters from the floor).
- Secure the sensor to a wall or suitable surface using appropriate fasteners (not included).

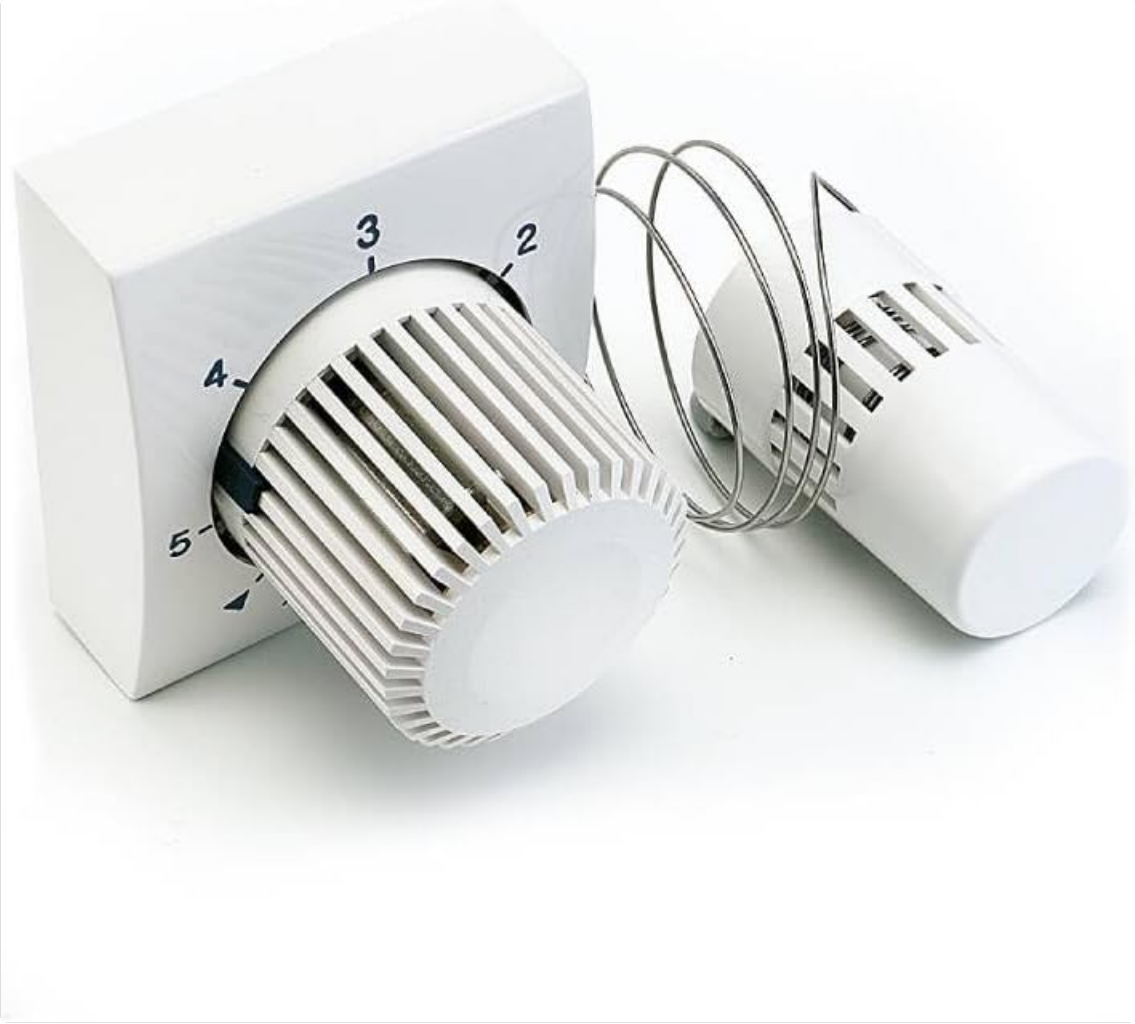


Image: The COMAP 6803 M28 Thermostatic Head with its remote sensor and coiled cable. The main unit has a numbered dial (2-5) for temperature setting, and the remote sensor is a white cylindrical unit with ventilation slots.

Operation

Setting the Temperature

The thermostatic head features a numbered dial (typically 2 to 5) to set the desired room temperature. Each number corresponds to an approximate temperature range:

- **Setting 2:** Approximately 16°C (61°F)
- **Setting 3:** Approximately 20°C (68°F)
- **Setting 4:** Approximately 24°C (75°F)
- **Setting 5:** Maximum heat (valve fully open)

- **Asterisk (*) or Snowflake symbol:** Frost protection setting (typically around 7°C / 45°F)

Turn the dial to the desired setting. The remote sensor will measure the room temperature, and the thermostatic head will automatically adjust the water flow through the radiator to maintain that temperature.

Maintenance

- **Cleaning:** Wipe the thermostatic head and remote sensor with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Sensor Placement:** Periodically check that the remote sensor remains free from obstructions and is not covered, as this can affect its accuracy.
- **Valve Operation:** It is recommended to turn the thermostatic head to its maximum setting (fully open) once a year, typically before the heating season, to prevent the valve pin from sticking.

Troubleshooting

- **Radiator not heating:** Ensure the thermostatic head is set to a temperature higher than the current room temperature. Check if the heating system is operational. Verify the valve pin is not stuck (try turning the head to maximum and then back).
- **Room too hot/cold:** Adjust the thermostatic head setting. Ensure the remote sensor is correctly positioned and not influenced by external heat sources or drafts.
- **Leaking valve:** If you observe leaks around the valve, contact a qualified plumber. This issue is typically not related to the thermostatic head itself.

Specifications

Feature	Detail
Brand	Comap
Model Number	803902
Connection Type	M28x1.5
Sensor Type	Liquid Element Remote Sensor
Sensor Cable Length	2 meters
Operating Temperature Range	7°C to +28°C
Dimensions (L x W x H)	12 x 9.5 x 7 cm
Weight	270 grams
Color	White

Safety Information

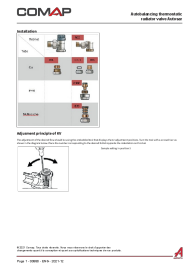
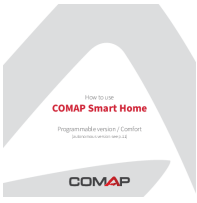
- Always ensure the heating system is off and depressurized before performing any installation or maintenance.
- Do not attempt to modify the product. Any modifications may void the warranty and pose safety risks.
- If you are unsure about any installation steps, consult a qualified heating engineer.

Warranty and Support

For warranty information or technical support, please refer to the official COMAP website or contact your local distributor. Keep your purchase receipt as proof of purchase.

Note: Specific warranty terms may vary by region.

Related Documents - 803902

	COMAP Autosar Autobalancing Thermostatic Radiator Valve Installation and Setting Guide Comprehensive guide to installing and setting the COMAP Autosar autobalancing thermostatic radiator valve, including KV adjustment and nominal level setting instructions.
	ComAp InteliLite 4 AMF 9 Controller for Single Gen-set Applications - Global Guide This comprehensive global guide from ComAp details the InteliLite 4 AMF 9 controller, designed for single gen-set applications. It covers installation, configuration, operation, communication, and technical specifications.
	Návod k obsluze ComAp WebSupervisor: Vzdálené monitorování a správa Komplexní uživatelský manuál pro ComAp WebSupervisor, cloudovou aplikaci pro vzdálené monitorování, správu a analýzu generátorů a dalšího vybavení. Zjistěte, jak připojit jednotku k síti, používat webové rozhraní a mobilní aplikaci.
	ComAp MainsPro Global Guide: Mains Decoupling Protection Relay Comprehensive global guide for the ComAp MainsPro Mains Decoupling Protection Relay. Covers installation, operation, technical specifications, protective features, and application tips for ensuring safe and reliable grid connection.
	COMAP Smart Home Programmable and Autonomous Thermostat User Guide Comprehensive guide for using the COMAP Smart Home thermostat, covering both programmable/comfort and autonomous versions. Learn about switching on, temperature displays, heating status indicators (green/red sensors), and adjusting setpoints.

	[InteliDrive DCU: Guía del Operador para Control de Motores Industriales y Marinos] Manual completo del InteliDrive DCU de ComAp, cubriendo operación, configuración, alarmas, supervisión y especificaciones técnicas para aplicaciones industriales y marinas.