



PROFACTOR[®]
DER DEUTSCHE QUALITÄTSSTANDARD

EN

TECHNICAL DATA SHEET AND USER MANUAL

PRODUCT CODE

PF RVT 385
PF RVT 386
PF RVT 387
PF RVT 388

PF RVT 989
PF RVT 990
PF RVT 991
PF RVT 992

PF RVT 989UR
PF RVT 990UR
PF RVT 991UR
PF RVT 992UR



RADIATOR THERMOSTATIC KIT

1. PURPOSE AND SCOPE

The PROFACTOR® thermostatic radiator kit is designed for connecting heating appliances and regulating the heat transfer fluid flow through them in single-pipe and two-pipe heating systems.

2. NOMENCLATURE AND KIT CONTENTS

The kit includes: thermostatic radiator valves (installed on the heat transfer fluid inlet to the radiator and designed for smooth adjustment of the room's thermal conditions), balancing/setting radiator valves (installed on the heat transfer fluid outlet from the radiator and used for initial system balancing), and thermostatic heads (installed on the thermostatic valves and designed to automate room temperature regulation).

If the kit includes a pre-set thermostatic radiator valve, then the balancing/setting radiator valve is not part of such a kit, as the pre-setting function eliminates the need for a setting valve on the radiator outlet.



PF RVT 385

Connection type: Straight

Nominal size: DN15

Pipe connection: Internal thread 1/2", pipe cylindrical (G)

Radiator connection: External thread 1/2", pipe conical (R)

Contents:

- Straight thermostatic radiator valve PF RVT 380
- Straight balancing/setting radiator valve PF RVS 376
- Thermostatic head PF RVT 384



PF RVT 386

Connection type: Straight

Nominal size: DN20

Pipe connection: Internal thread 3/4", pipe cylindrical (G)

Radiator connection: External thread 3/4", pipe conical (R)

Contents:

- Straight thermostatic radiator valve PF RVT 381
- Straight balancing/setting radiator valve PF RVS 377
- Thermostatic head PF RVT 384



PF RVT 387

Connection type: Angle

Nominal size: DN15

Pipe connection: Internal thread 1/2", pipe cylindrical (G)

Radiator connection: External thread 1/2", pipe conical (R)

Contents:

- Angle thermostatic radiator valve PF RVT 382
- Angle balancing/setting radiator valve PF RVA 378
- Thermostatic head PF RVT 384



PF RVT 388

Connection type: Angle

Nominal size: DN20

Pipe connection: Internal thread 3/4", pipe cylindrical (G)

Radiator connection: External thread 3/4", pipe conical (R)

Contents:

- Angle thermostatic radiator valve PF RVT 383
- Angle balancing/setting radiator valve PF RVA 379
- Thermostatic head PF RVT 384



PF RVT 989

Connection type: Straight

Nominal size: DN15

Pipe connection: Internal thread 1/2", pipe cylindrical (G)

Radiator connection: External thread 1/2", pipe conical (R)

Contents:

- Pre-set straight thermostatic radiator valve PF RVT 980
- Thermostatic head PF RVT 628



PF RVT 990

Connection type: Straight

Nominal size: DN20

Pipe connection: Internal thread 3/4", pipe cylindrical (G)

Radiator connection: External thread 3/4", pipe conical (R)

Contents:

- Pre-set straight thermostatic radiator valve PF RVT 981
- Thermostatic head PF RVT 628



PF RVT 991

Connection type: Angle

Nominal size: DN15

Pipe connection: Internal thread 1/2", pipe cylindrical (G)

Radiator connection: External thread 1/2", pipe conical (R)

Contents:

- Pre-set angle thermostatic radiator valve PF RVT 982
- Thermostatic head PF RVT 628



PF RVT 992

Connection type: Angle

Nominal size: DN20

Pipe connection: Internal thread 3/4", pipe cylindrical (G)

Radiator connection: External thread 3/4", pipe conical (R)

Contents:

- Pre-set angle thermostatic radiator valve PF RVT 983
- Thermostatic head PF RVT 628



PF RVT 989UR

Connection type: Straight

Nominal Size: DN15

Pipe connection: Internal thread 1/2", pipe cylindrical (G)

Radiator connection: External thread 1/2", pipe cylindrical (G)

Contents:

- Pre-set straight thermostatic radiator valve with O-ring sealed connection nipple PF RVT 980UR
- Thermostatic head PF RVT 628



PF RVT 990UR

Connection type: Straight

Nominal size: DN20

Pipe connection: Internal thread 3/4", pipe cylindrical (G)

Radiator connection: External thread 3/4", pipe cylindrical (G)

Contents:

- Pre-set straight thermostatic radiator valve with O-ring sealed connection nipple PF RVT 981UR
- Thermostatic head PF RVT 628



PF RVT 991UR

Connection type: Angle

Nominal size: DN15

Pipe connection:

Internal thread 1/2", pipe cylindrical (G)

Radiator connection:

External thread 1/2", pipe cylindrical (G)

Contents:

- Pre-set angle thermostatic radiator valve with O-ring sealed connection nipple PF RVT 982UR
- Thermostatic head PF RVT 628



PF RVT 992UR

Connection type: Angle

Nominal size: DN20

Pipe connection:

Internal thread 3/4", pipe cylindrical (G)

Radiator connection:

External thread 3/4", pipe cylindrical (G)

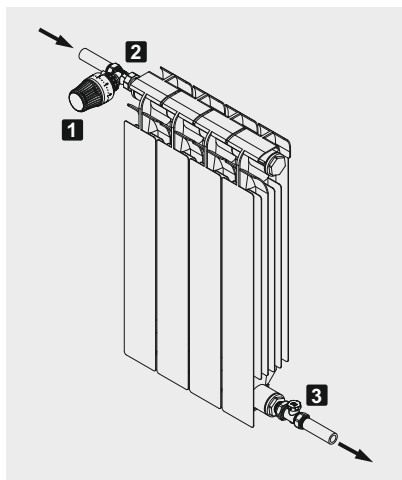
Contents:

- Pre-set angle thermostatic radiator valve with O-ring sealed connection nipple PF RVT 983UR
- Thermostatic head PF RVT 628

Detailed descriptions, technical specifications, and instructions for installation, adjustment, and operation of the components included in the kit are provided in the respective product technical data sheets.

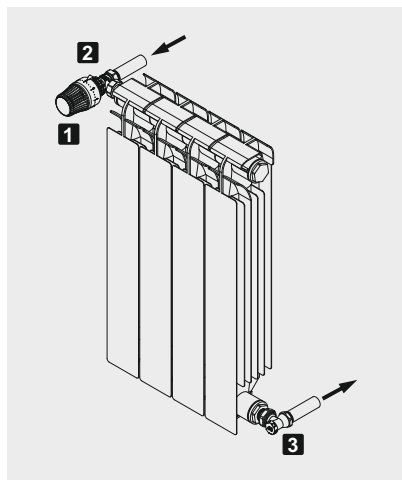
3. CONNECTION EXAMPLES

Thermostatic Equipment Kit for Direct Connection
PF RVT 385; PF RVT 386:



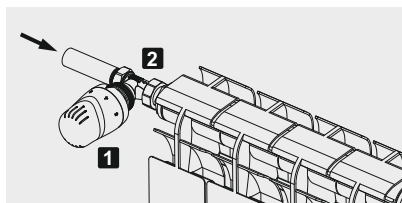
- 1 – Thermostatic Head PF RVT 384
- 2 – Straight Thermostatic Radiator Valve
PF RVT 380/381
- 3 – Straight Balancing/Setting Radiator Valve
PF RVS 376/377

Thermostatic Equipment Kit for Angle Connection
PF RVT 387; PF RVT 388:



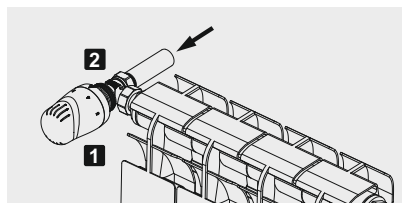
- 1 – Thermostatic Head PF RVT 384
- 2 – Angle Thermostatic Radiator Valve
PF RVT 382/383
- 3 – Angle Balancing/Setting Radiator Valve
PF RVA 378/379

Thermostatic Equipment Kit for Direct Connection
PF RVT 989; PF RVT 990; PF RVT 989UR;
PF RVT 990UR:



- 1 – Thermostatic Head PF RVT 628
- 2 – Pre-set Straight Thermostatic Radiator Valve
PF RVT 980/981; PF RVT 980UR/981UR

Thermostatic Equipment Kit for Angle Connection
PF RVT 991; PF RVT 992; PF RVT 991UR;
PF RVT 992UR:



- 1 – Thermostatic Head PF RVT 628
- 2 – Pre-set Angle Thermostatic Radiator Valve
PF RVT 982/983; PF RVT 982UR/983UR

4. WARRANTY OBLIGATIONS

The warranty period for each individual product included in the thermostatic equipment kits can be found in that product's technical data sheet. Throughout the entire warranty period, the manufacturer guarantees the proper functioning of the product and its compliance with safety requirements, provided that the consumer follows the rules for storage, transportation, installation, operation, and maintenance of the product. The warranty covers all defects arising through the manufacturer's fault.

The warranty does not cover defects resulting from:

- Violation of storage, transportation, installation, operation, or maintenance conditions;
- Exposure to substances aggressive to the materials of the product;
- Signs of mechanical damage;
- Damage caused by fire, natural disasters, or other force majeure circumstances;
- Damage caused by improper actions of the user;
- Evidence of unauthorized interference with the product design.

The product described in this technical manual is a technically complex device that must be installed by a qualified specialist with appropriate experience working with this type of equipment.

Installation and commissioning must be carried out by an authorized and certified company.

Profactor Armaturen GmbH reserves the right to make changes to the product design that do not affect its technical characteristics or functional features.



INTERNATIONAL WARRANTY CARD

NAME OF THE PRODUCT

PRODUCT CODE, SIZE

QUANTITY

SELLER NAME AND ADDRESS

DATE OF PURCHASE

SELLER STAMP

SELLER SIGNATURE

For the warranty term refer to the Warranty obligation clause in the technical manual

FOLD LINE

FOLD LINE

In case of any claims to the product quality the following documents should be submitted:

1. Application with customer and product details:

- Name of the customer, actual address and phone number
- Article of the product
- Reason for the claim and photo
- Plumbing system where installed (name, address, phone number)

2. Invoice copy and receipt

3. Warranty card

RETURN/EXCHANGE COMMENTS

DATE

SIGNATURE



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