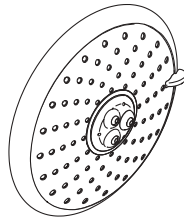
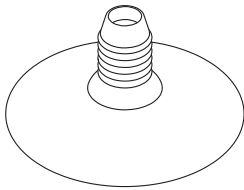


# Installation Instructions / Warranty



Raindance Showerhead  
27483XX1

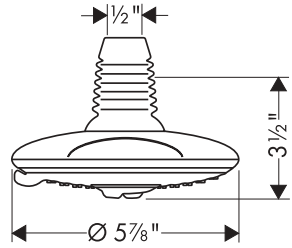
**hansgrohe**

90634301 6/2004

# Raindance Showerhead 28473XX1

## Technical Data

Flow rate at 45 psi 2.5 gpm



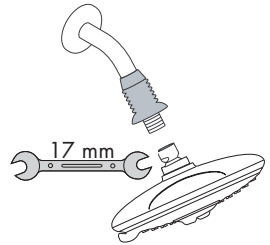
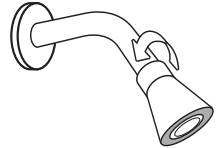
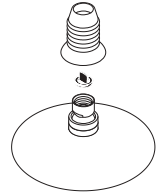
## Installation:

Make sure that the self-sealing filter gasket is installed in the inlet of the showerhead.

The filter must be installed to protect against damage from debris. Debris damage is not covered by the Hansgrohe warranty.

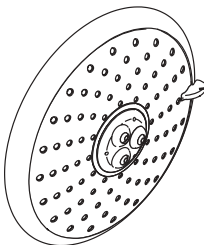
If using in an existing shower, remove the old showerhead:

- While holding the shower arm, remove the existing showerhead by turning counter-clockwise with an adjustable wrench.
- Thoroughly clean the threads on the shower arm with a wire brush.
- Slide decorative rubber boot onto the shower arm, narrow end first. Push it up and out of the way.
- Make sure that the self-sealing filter gasket is fully seated in the showerhead by grasping the black tab and turning clockwise as far as it will go without forcing it.
- Screw the showerhead onto the arm, taking care not to cross thread.
- Finish tightening with wrench, taking care not to over-tighten or showerhead and / shower arm may be damaged. Turn on the water and check for leaks. Pull boot down over showerhead ball joint.



## User Instructions

Change the spray mode by turning the function ring until the index mark is next to the name of the spray function.



function lever

Rain	
Mix 1	
Balance	
Mix 2	
Whirl	

## Cleaning Recommendation for Hansgrohe Products

Modern faucetry and shower products utilize a combination of materials to comply with the needs of the market with regard to design and functionality.

To avoid damage, it is necessary to use some caution when cleaning. Damage caused by improper treatment is not covered under the Hansgrohe warranty.

### Cleaning Materials for Faucets and Showers

- To remove lime scale, use only products made specifically for that purpose. Always follow the manufacturer's instructions when using.
- Do not use cleaners that contain hydrochloric, formic, acetic, or phosphoric acids, as these will cause considerable damage to finishes and to plastic components.
- Never mix cleaning materials.
- Never use cleaners containing abrasives. Do not use abrasive cleaning cloths, pads, or sponges.

### Cleaning Procedures

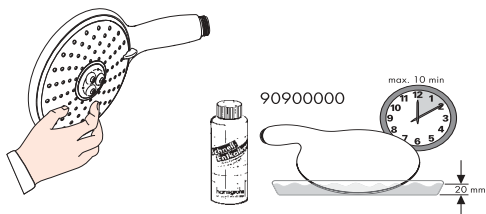
- Clean your faucets and shower products as and when required. Regular cleaning will prevent scale buildup and water spotting.
- Follow the label instructions. Do not allow any cleaner to remain on the product for longer than necessary.
- When using spray cleaners, spray first onto a sponge or cloth – do not spray directly onto the product.
- After cleaning, rinse thoroughly with clear water to remove any cleaner residue.

### Important

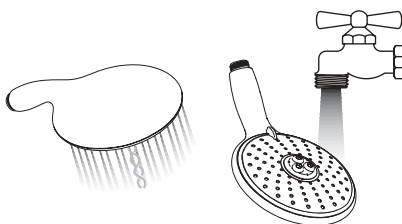
- Soap and shampoo residue can also cause damage to the product. Rinse well with clean water after use.
- If the surface is already damaged, harsh cleaning materials will cause further damage.

## Limescale Removal

The spray channels on the Raindance are protected by the Rubit!<sup>TM</sup> self-cleaning system. If scale deposits are noticed, turn the water on lightly, and rub across the channels with a sponge or fingers



Remove scale deposits on the spray face by using a commercial limescale remover such as Lime-Away or CLR. Follow the label instructions carefully. Soak only the spray face. Rinse the handshower thoroughly when finished.



## **Limited Lifetime Consumer Warranty**

This product has been manufactured and tested to the highest quality standards by Hansgrohe, Inc. ("Hansgrohe"). This warranty is limited to Hansgrohe products which are purchased by a consumer in the United States after March 1, 1996, and installed in either the United States or Canada.

### **WHO IS COVERED BY THE WARRANTY**

This warranty extends to the original consumer purchaser only.

### **WHAT IS COVERED BY THE WARRANTY**

This warranty covers only your Hansgrohe manufactured product. Hansgrohe warrants this product against defects in material or workmanship as follows: Hansgrohe will repair at no charge for parts only or, at its option, replace any product or part of the product which proves defective because of improper workmanship and/or material, under normal installation, use, service and maintenance. If Hansgrohe is unable to provide a replacement and repair is not practical or cannot be timely made, Hansgrohe may elect to refund the purchase price in exchange for the return of the product.

### **LENGTH OF WARRANTY**

Replacement or repaired parts of products will be covered for the term of this warranty as stated in the following two sentences. If you are a consumer who purchased the product for use primarily for personal, family, or household purposes, this warranty extends for as long as you own the product and the home in which the product is installed. If you purchased the product for use primarily for any other purpose, including, without limitation, a commercial purpose, this warranty extends only (i) for 1 year, with respect to Interaktiv and Retroaktiv products, and (ii) for 5 years, with respect to AXOR, ShowerPower and Pharo products.

### **THIS WARRANTY DOES NOT COVER, AND HANSGROHE WILL NOT PAY FOR:**

- A. Conditions, malfunctions or damage not resulting from defects in material or workmanship.
- B. Conditions, malfunctions or damage resulting from (1) improper installation, improper maintenance, misuse, abuse, negligence, accident or alteration, or (2) the use of abrasive or caustic cleaning agents or "no rinse" cleaning products, or the use of the product in any manner contrary to the product instructions.
- C. Labor or other expenses for the disconnection or return of the product for warranty service, or for installation or reinstallation of the product.
- D. Accessories or related products not manufactured by Hansgrohe.

## **TO OBTAIN WARRANTY SERVICE**

Contact your Hansgrohe retailer, or write to Technical Service at:

Hansgrohe Inc.  
1492 Bluegrass Lakes Parkway  
Alpharetta GA 30004

Or, call Hansgrohe toll-free at (800) 334-0455.

In requesting warranty service, you will need to provide

1. The sales receipt or other evidence of the date and place of purchase.
2. A description of the problem.
3. Delivery of the product or the defective part, postage prepaid and carefully packed and insured, to Hansgrohe Inc. 1492 Bluegrass Lakes Parkway, Alpharetta, Georgia 30004, Attention: Technical Service, if required by Hansgrohe.

When warranty service is completed, any repaired or replacement product or part will be returned to you postage prepaid.

## **EXCLUSIONS AND LIMITATIONS**

**REPAIR OR REPLACEMENT (OR, IN LIMITED CIRCUMSTANCES, REFUND OF THE PURCHASE PRICE) AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE PURCHASER. HANSGROHE NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO CREATE FOR IT ANY OBLIGATION OR LIABILITY IN CONNECTION WITH THIS PRODUCT.**

**HANSGROHE SHALL NOT BE LIABLE TO PURCHASER OR ANY PERSON FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES, ARISING OUT OF BREACH OF THIS WARRANTY OR ANY IMPLIED WARRANTY (INCLUDING MERCHANTABILITY).**

Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may have other rights which vary from State to State.

You may be required by law to give us a reasonable opportunity to correct or cure any failure to comply before you can bring any action in court against us under the Magnuson-Moss Warranty Act.

## **PRODUCT INSTRUCTIONS AND QUESTIONS**

Upon purchase or prior to installation, please carefully inspect your Hansgrohe product for any damage or visible defect. Prior to installing, always carefully study the enclosed instructions on the proper installation and the care and maintenance of the product. If you have questions at any time about the use, installation, or performance of your Hansgrohe product, or this warranty, please call or write to us at the toll-free number and address printed above.