hansgrohe 27450000

Hansgrohe Croma 160 Overhead Shower Instruction Manual

Model: 27450000

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Hansgrohe Croma 160 Overhead Shower. Please read these instructions carefully before installation and retain them for future reference. This product is designed to deliver a wide shower rain experience with its 160 mm diameter shower head and features a QuickClean system for easy maintenance.

2. SAFETY INFORMATION

- Installation should be performed by qualified personnel in accordance with local plumbing and building codes.
- Ensure all water supply lines are turned off before beginning installation.
- Protect the product from frost.
- Avoid using abrasive cleaners or scouring pads on the chrome finish, as this may cause damage.
- Check for leaks after installation and before final use.

3. PACKAGE CONTENTS

The Hansgrohe Croma 160 Overhead Shower package includes:

- Hansgrohe Croma 160 Overhead Shower Head (Model 27450000) with swivel joint.

Note: A suitable shower arm (e.g., Hansgrohe product code 27412000) is required for installation and must be ordered separately.

4. SETUP AND INSTALLATION

The Hansgrohe Croma 160 Overhead Shower is designed for ceiling-mounted installation. Professional installation is recommended to ensure proper function and compliance with plumbing standards.

1. **Preparation:** Ensure the water supply is turned off. Prepare the ceiling connection point for the shower arm.
2. **Install Shower Arm:** Securely install the separate shower arm (not included) into the ceiling water outlet according to its specific instructions. Ensure all connections are watertight.

3. **Attach Shower Head:** Screw the Hansgrohe Croma 160 Overhead Shower Head onto the shower arm. The shower head features a G 1/2 connection. Hand-tighten first, then use an appropriate wrench to secure, being careful not to overtighten and damage the finish.

4. **Adjust Swivel Joint:** The integrated swivel joint allows for adjustment of the shower head angle. Adjust to your preferred position.

5. **Leak Check:** Slowly turn on the main water supply and check all connections for leaks. If leaks are detected, turn off the water and re-tighten connections as necessary.

Figure 1: Hansgrohe Croma 160 Overhead Shower Head. This image shows the polished chrome finish and the arrangement of the spray nozzles on the circular shower plate.
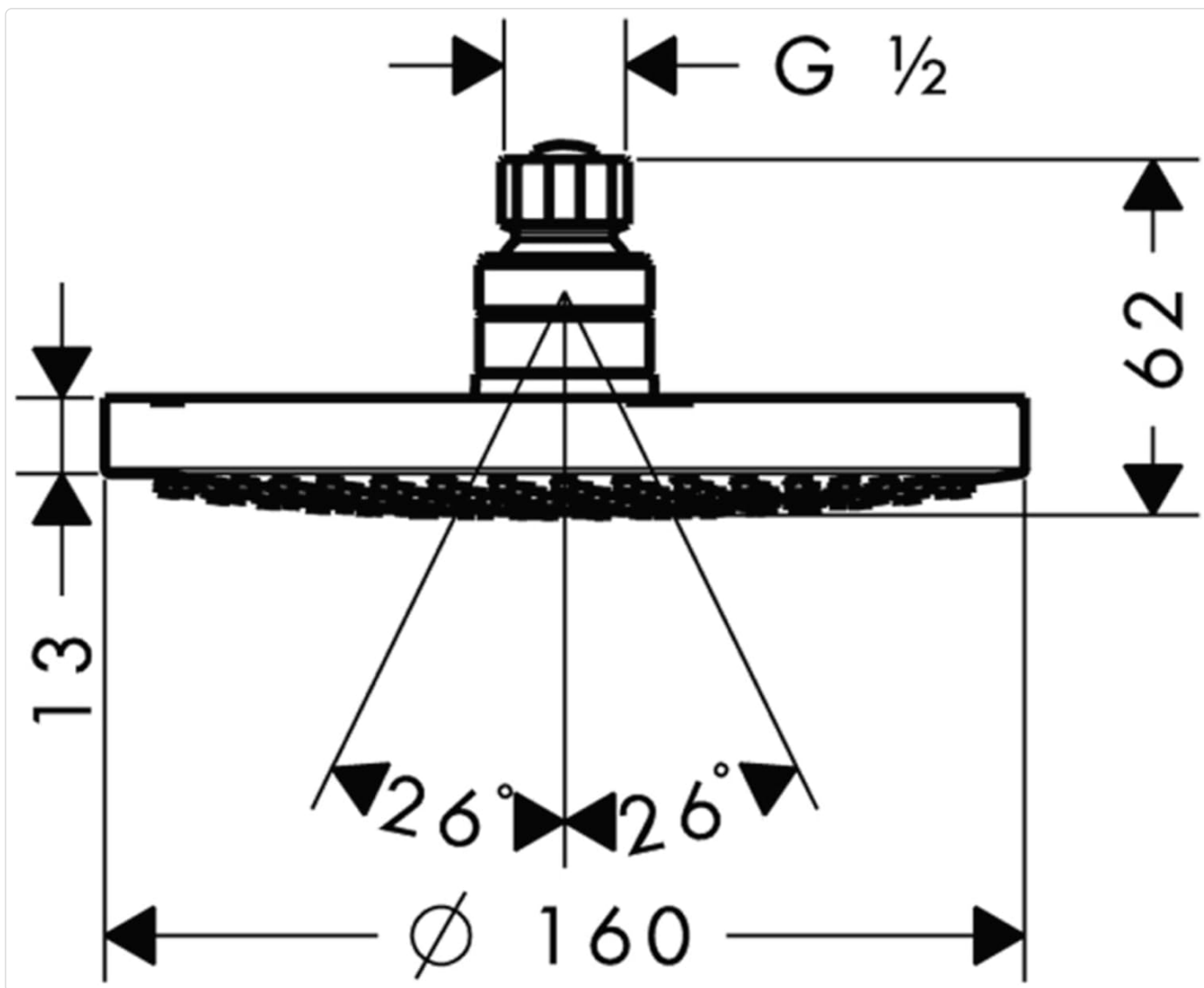
Figure 2: Technical drawing illustrating the dimensions of the Hansgrohe Croma 160 Overhead Shower. Key dimensions include a 160mm diameter, a total height of 62mm from the connection point to the bottom of the shower head, and a G 1/2 connection thread.

5. OPERATING INSTRUCTIONS

The Hansgrohe Croma 160 Overhead Shower is designed for simple operation, delivering a consistent and wide shower rain spray pattern.

- **Water Flow:** The shower head provides a flow rate of approximately 20.5 liters per minute at 3 bar pressure. An EcoSmart version (product code 28450000) is also available with a reduced flow rate of 9 liters per minute at 3 bar.
- **Spray Type:** The shower head offers a single, wide shower rain spray type, optimized for full body coverage.
- **Angle Adjustment:** Utilize the integrated swivel joint to adjust the angle of the shower head to your preference.

6. MAINTENANCE

Regular cleaning and maintenance will ensure the longevity and optimal performance of your Hansgrohe Croma 160 Overhead Shower.

- **Cleaning the Surface:** Clean the chrome surface with a soft cloth and a mild, non-abrasive cleaning agent. Rinse thoroughly with clean water and dry with a soft cloth to prevent water spots. Do not use cleaners containing hydrochloric acid, formic acid, chlorine bleach, or acetic acid, as these can damage the finish.
- **QuickClean System:** The shower head is equipped with Hansgrohe's QuickClean system. To remove limescale

deposits from the silicone nozzles, simply rub them with your finger. This should be done regularly to maintain optimal spray performance.

- **Filter Maintenance:** Periodically check the filter screen (if present in your shower arm connection) for debris and clean as necessary to maintain water flow.

7. TROUBLESHOOTING

If you encounter issues with your Hansgrohe Croma 160 Overhead Shower, refer to the following common problems and solutions:

- **Low Water Flow:**
  - Check if the main water supply valve is fully open.
  - Inspect the shower head nozzles for limescale buildup and use the QuickClean feature to remove it.
  - Check the filter screen in the shower arm connection for debris and clean if necessary.
  - Ensure adequate water pressure from your household supply.

- **Leaking Connections:**
  - Turn off the water supply.
  - Carefully tighten the connection between the shower head and the shower arm. Do not overtighten.
  - Check if the rubber washer (gasket) is properly seated and not damaged. Replace if necessary.

- **Uneven Spray Pattern:**
  - This is typically caused by limescale buildup in the nozzles. Use the QuickClean feature to clear the nozzles.

If problems persist after attempting these solutions, contact a qualified plumber or Hansgrohe customer support.
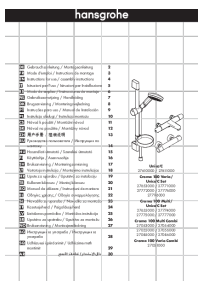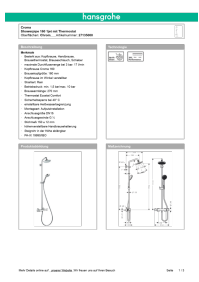
8. SPECIFICATIONS

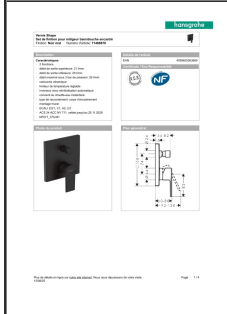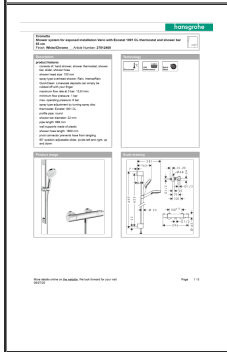| Feature	Detail
Brand	Hansgrohe
Model Number	27450000
Style	Modern
Shape	Round
Finish Type	Chrome
Installation Type	Ceiling Mounted
Number of Jets	1 (Wide Shower Rain)
Item Weight	1.41 pounds
Product Dimensions	6.3 x 6.3 x 1.77 inches (160mm diameter)
Flow Rate (Standard)	20.5 l/min at 3 bar
Connection Size	G 1/2

Feature	Detail
Special Features	Swivel Joint, QuickClean System

9. Warranty and Support

Hansgrohe products are manufactured to high-quality standards and come with a manufacturer's warranty. For specific warranty details, please refer to the warranty card included with your product or visit the official Hansgrohe website.

For technical support, spare parts, or further assistance, please contact Hansgrohe customer service. Contact information can typically be found on the Hansgrohe website or in the product packaging.

You can visit the official Hansgrohe store for more information:Hansgrohe Store

Related Documents - 27450000

Hansgrohe Croma 100 Shower Set Installation and Safety Guide
Comprehensive guide for installing and safely using Hansgrohe Croma 100 shower sets, including technical specifications, safety instructions, and assembly guidance.

Hansgrohe Croma Showerpipe 160 1jet mit Thermostat | Produktspezifikationen
Detaillierte Spezifikationen und Installationsinformationen für die Hansgrohe Croma Showerpipe 160 1jet mit Thermostat, ausgestattet mit Ecostat Comfort Technologie und einer 160mm Kopfbrause. Enthält technische Details, Abmessungen und Durchflussdiagramme.

Hansgrohe Raindance Alive S Showerpipe 300: Product Overview and Specifications
Detailed information on the Hansgrohe Raindance Alive S Showerpipe 300 1jet EcoSmart with ShowerSelect Comfort, including features, technology, dimensions, and installation guidelines. Available in matte black.

Hansgrohe Raindance Shower Heads: Installation and User Guide
Detailed installation guide, user manual, and technical specifications for Hansgrohe Raindance shower heads, covering assembly, safety, maintenance, and product details.

[Hansgrohe Product Catalog: Vernis Shape, iBox Universal, FixFit Q, Vernis Blend, Isiflex](#)
Comprehensive product catalog from Hansgrohe featuring the Vernis Shape collection (concealed mixers, shower arms, shower heads), iBox Universal concealed body, FixFit Q shower holder, Vernis Blend hand shower, and Isiflex shower hose. Includes detailed specifications, technical data, certifications, and parts lists.

[Hansgrohe Crometta Vario Shower System with Ecostat 1001 CL Thermostat](#)
Detailed information on the Hansgrohe Crometta Vario shower system, featuring the Ecostat 1001 CL thermostat. Includes product features, technical specifications, installation examples, and spare parts list. Available in White/Chrome finish with a 65 cm shower bar.