



Shower Installation Planning Guide

The shower experts at hansgrohe share fundamentals and master advice for planning your perfect shower system.

hansgrohe **Shower Planning Guide**





Master advice from the shower experts.

Creating a shower system will be made easier and more enjoyable with thorough planning prior to installation. By exploring all the options first, you can have a pleasant experience in the design and specification of your system as well as in using it.

What elements are needed to create a shower system?

- Showerhead
- Handshower
- Wall Outlet
- Bodyspray
- Wallbar
- Shower Trim (Select One): ShowerSelect Thermostatic Trim for 1 Function, ShowerSelect Thermostatic Trim for 2 Functions, Standard Thermostatic with Volume Control, Standard Thermostatic with Volume Control and Diverter
- Diverter (Select one): Trio 2-Way Diverter, Quattro 3-Way Diverter, Quattro Green 3-Way Diverter

*Note: Diverters are optional. They are needed when more than 2 functions are desired.

Commonly questions to ask before planning a shower system:

- What do I want from my shower? Relaxation, invigoration?
- Where can I put a shower system? How much space will I need?
- How much do I want to spend? How much will I need to spend?
- What are the parts and components that I will need?
- How will all the valves and controls work together?
- What about the water supply, drainage and other practical considerations?
- Have I considered all possible users? Children, elderly users?
- Are there any special requirements, like access for the mobility challenged?

What should be taken into account when designing a shower system?

- **Budget:** Determine a budget for creating your shower system.
- **Space:** Showers can range in size from about 30" x 30" to any customized dimension.
- **Enclosures:** Enclosures contain splashing and create a more private space, but they are not a necessity when designing a shower system. An open plan can offer many possibilities.
- **Water Volume:** Determine the water volume you to have for your custom shower.
The Flow Rate Work Sheet will help you with this.
- **Water Flow:** We recommend 40 – 65 PSI for a shower system to operate properly.
Your plumber or contractor can help you verify your average dynamic water pressure and volume capacity of your plumbing system.
- **Water Heater:** It is important to ensure sufficient hot water supply. Here again, the Flow Rate Work Sheet will help you estimate the throughput of a system.
- **Floor Drain:** Install a drain (or multiple drains) that can handle twice the amount of water as all components combined provide.
- **Local Codes:** Local plumbing codes vary greatly from location to location, and not all products may be installed in all locations.
Be sure to know and follow your local plumbing codes and make product selections accordingly.
- **Time:** Installation time may also be a factor, especially on do-it-yourself jobs. For peace of mind and efficiency, we recommend that shower systems be installed by a licensed plumber.



Shown in Brushed Black Chrome finish.

Raindance® S Showerhead 240 1-Jet PowderRain®

#27624341 (2.5 GPM)

#04927340 (1.75 GPM)

Showerarm Raindance® S 15"

#27413341

Raindance® Select® S Handshower 120 3-Jet PowderRain®

#26037341 (2.5 GPM)

#26036341 (1.75 GPM)

Unica® Wallbar S, 36"

*Techniflex® Handshower Hose included.

#28631340

Note: Wallbar shown in the photo is Unica® Wallbar S 24", (Only available in Chrome and Brushed Nickel in the U.S.)

ShowerSelect® S Thermostatic Trim for 2 Functions, Round

#15743341

FixFit® Wall Outlet with Check Valves

#27458343

Rough, iBox® Universal Plus with Service Stops, 3/4"

#01850181

The items shown and listed are purchased separately.

*Rough, iBox Universal Plus (#01850181) is required for the shower trim and purchased separately.

The showerhead and showerarm listed are the U.S. versions of the products shown in the photo. U.S. products may vary slightly from the products shown.

Raindance® E Showerhead 300
1-Jet Shower Set , 2.0 GPM

*iBox® Universal Plus Rough included.

#04914820

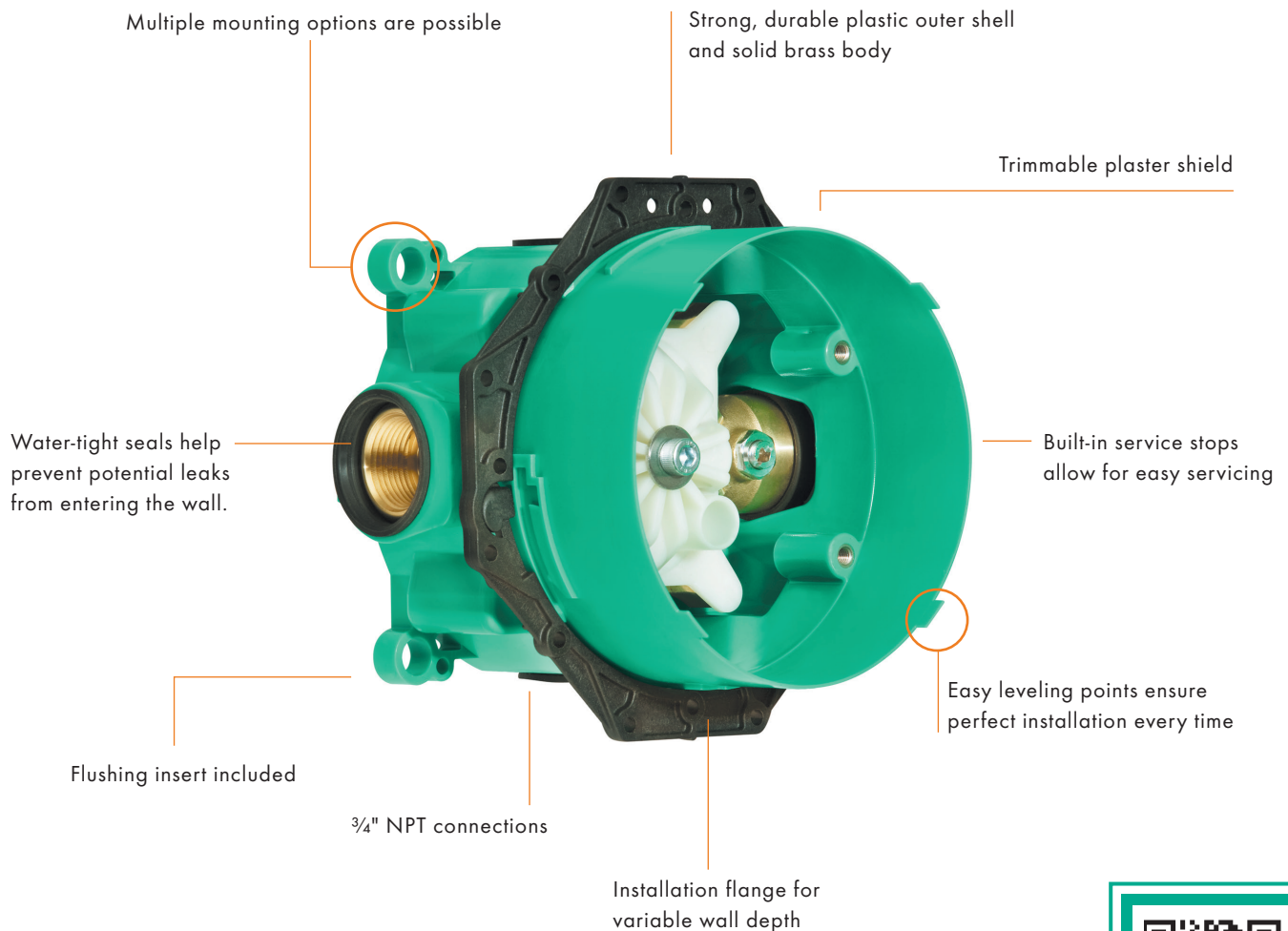
Brushed Nickel



The revolutionary rough from hansgrohe.

iBox® Universal Plus Rough.

Eliminating the need for a multitude of roughs, the iBox® Universal Plus rough brings increased efficiency to your business, whether you are an architect or a plumber, a wholesaler or a remodeler.



- Install any pressure balance or thermostatic trim, available in a variety of styles and finishes
- Test and flushing plug allows installation and testing without having to install the trim first
- Compatible with all commonly-used wall constructions and pipework systems
- Can be used with either 3/4" or 1/2" pipework with reductions

**iBox® Universal Plus
Rough Video**
The revolutionary rough for
any shower configuration.





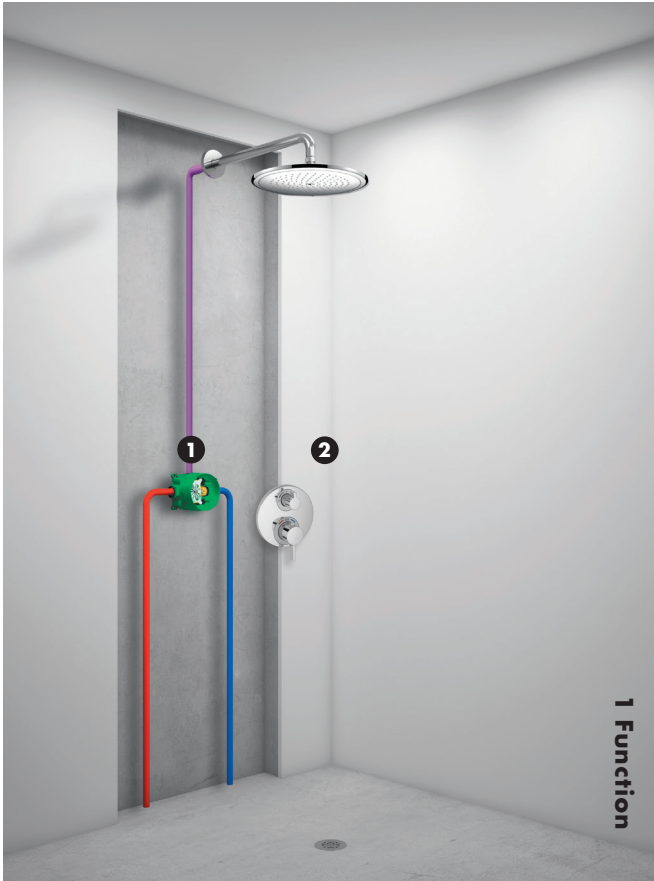
ShowerSelect Thermostatic Trim for 1 Function

1. Rough, iBox® Universal Plus with Service Stops, ¾" #01850181
2. ShowerSelect® Thermostatic Trim for 1 Function, Round #15744xx1
Thermostatic temperature control and on/off for one shower function



ShowerSelect Thermostatic Trim for 2 Functions

1. Rough, iBox® Universal Plus with Service Stops, ¾" #01850181
2. ShowerSelect® Thermostatic Trim for 2 Functions, Square #15763xx1
Thermostatic temperature control and on/off for two functions



Thermostatic with Volume Control

1. Rough, iBox® Universal Plus with Service Stops, ¾"
 - #01850181
 2. Ecostat® S Thermostatic Trim with Volume Control
 - #15757xx1
- Thermostatic temperature control and volume control
for one shower function



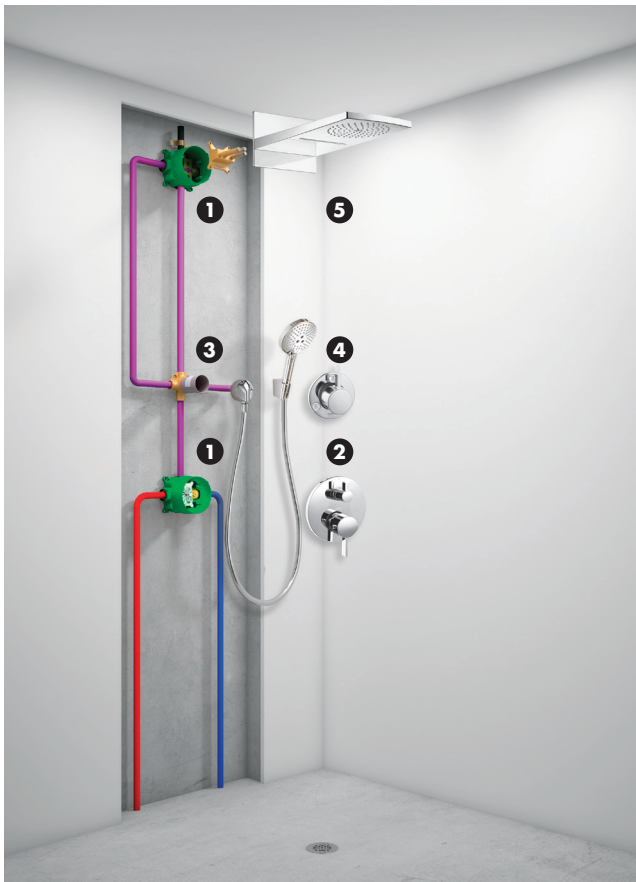
Thermostatic with Volume Control and Diverter

1. Rough, iBox® Universal Plus with Service Stops, ¾"
 - #01850181
 2. Ecostat® Square Thermostatic Trim with Volume Control and Diverter
 - #15714xx1
- Thermostatic temperature control, volume control and diverter
for two functions



Pressure Balance with Diverter

1. Rough, iBox® Universal Plus with Service Stops, 3/4"
#01850181
2. Ecostat® Classic Pressure Balance Trim with Diverter, Round
#04449xx0
Temperature and volume control and diverter for two functions



Thermostatic with Volume Control plus Quattro Diverter/Raindance Rainfall Showerhead 180 2-Jet Trim

1. (2x) Rough, iBox® Universal Plus with Service Stops, 3/4"
#01850181
One iBox Universal Plus is used as a rough for the Raindance® Rainfall, The second iBox® Universal Plus is needed to install the thermostatic trim
2. Ecostat® Thermostatic Trim S with Volume Control
#04230000
Thermostatic temperature control and volume control
3. Rough, Quattro 3-Way Diverter, 3/4"
#15930181 or
Rough, Quattro Green 3-Way Diverter, 3/4" (no shared function)
#15936181
4. Ecostat® Diverter Trim S Trio/Quattro
#04232000
Selects between the two functions of the Raindance® Rainfall® and also the handshower
5. Raindance® Rainfall® Showerhead 180 2-Jet Trim, 2.5 GPM
#28433001
Includes showerhead function block for installing showerhead onto the iBox®

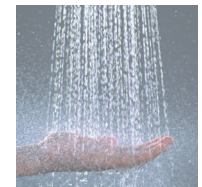
Choosing a shower type.

Daily. Power. Spa. Treat yourself to the exact water experience you desire.

The showering experience is not one size fits all. For some, the task is simply to efficiently cleanse all over as quickly as possible so you can be on your way. For others, it is a time to relax and soothe, as a personal retreat before or after a stressful day. Still others desire an invigorating shower to rejuvenate their muscles and to be awoken, so they are ready to face the day. Whatever your preference, we have the right shower for you. This guide is meant to perfectly match each user with his or her ideal shower, for years of enjoyment to come.

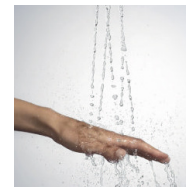
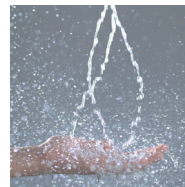
DAILY

You are the type of user that craves efficiency – a solid, steady stream of water robust enough to make short work of shampoos and soaps. The quick rinse and reinvigoration that you need so that you can get in, get out, and get on with your busy day.



POWER

You use water as a wake-up call, directing spray where it's needed most – across a shoulder, to tired back muscles, then onto aching calves. A concentrated spray to revitalize fatigued body parts.



SPA

You take your time in the bathroom, seeking to wash away the day's stresses drop by drop. You desire pampering, soft spray, helping you lose yourself in your shower. Please do not disturb.



Creating the perfect shower.

Choose the perfect shower configuration and the matching control from our variety of showers.

A shower can be anything from a simple handshower set to a complete shower system: Featuring a mixing valve, showerhead, and bodysprays. Multiple

spray modes provide the perfect showering experience. The installation options are equally flexible: Whether it is a new build or a remodel, concealed

or exposed installation, the hansgrohe brand has the perfect solution for all.

Showerheads



For relaxing, rejuvenating, rinsing, and repeating – because every day deserves a shower that suits the mood of the user. Install hansgrohe showerheads on the wall or from the ceiling to suit desire.

Handshowers



The fundamental solution – offers the same full shower pleasure, and easy to mount on a convenient handshower porter or adjustable wallbar to deliver water where it is needed.

Showerpipes



Concealed Installation



The mixing valve disappears inside the wall – for a clean, sleek look in the shower.

Exposed Installation



The mixing valve is located in front of the wall, and attaches to simple hot and cold supply lines.

With all-in-one functionality of showerhead, handshower and mixing valve, showerpipes install easily on two basic hot and cold supply lines.

Push to transform your shower with **Select®**.

The easiest decision you'll ever make in the bathroom.

We don't just want our ideas to revolutionize the way we experience water; we also want to set new standards in ease of use and control. Above all else, our products should be fun. This claim goes

with every single decision we make, and every line drawn by our designers. The Select® button is simple and intuitive – touch, see, and experience the difference. Select® will change how you interact with

the shower forever. Select® technology shows the quality and innovation that you can expect from the Hansgrohe company. www.hansgrohe-usa.com/Select



Intuitive.

We redefined the showering experience with Raindance®. Now the question is: What will make the best showers even better? It's clear – easier control!



Simple.

Why a button? Because it invites us to try it and experience direct action and reaction. Change the spray modes on handshowers and showerheads at the touch of a button.

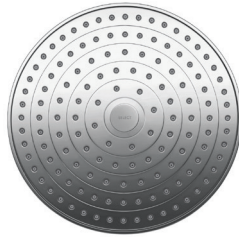


Effective.

The Select® button is mechanical, not electronic, making it quick and easy to press and most importantly, dependable.



Raindance® Select® S
Handshower Set 120 3-Jet.



Raindance® Select® S
Showerhead 240 2-Jet.



Croma® Select® S
Showerhead 180 2-Jet.



Raindance® Select® E
Showerpipe 300 with Select
Shower Controls.



ShowerSelect®
Thermostatic Trim for 1 or 2 Functions,
Square.



Croma® Select® E
Handshower 110 3-Jet.

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Croma®	RainAir®
Crometta®	Raindance®
EcoRight®	Rainfinity™
FixFit®	RainSelect™
hansgrohe®	Select®
iBox®	Techniflex®
PowderRain®	ThermoBalance®
Pulsify™	Unica®
PuraVida®	

Local codes vary, so please check the requirements in your area before installation. Hansgrohe, Inc. recommends that our products be installed only by a licensed plumbing contractor.

Flow rates for showerheads and handshowers are based on 80 PSI flowing pressure.

Flow rates for kitchen and lavatory faucets are based on 60 PSI flowing pressure.

Flow rates for all remaining fittings are based on 44 PSI flowing pressure.

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