Planning and Installation

iBox® Universal Plus
iBox Universal Plus: One for All
Scan for a video on iBox Universal Plus
Hansgrohe revolutionized the plumbing industry with the iBox Universal launch in 2001. With its versatility and reliability – installation, ordering, and bathroom planning are extremely easy and efficient. iBox Universal Plus lives up to its name. A truly universal rough, iBox Universal Plus accommodates any trim – Hansgrohe or Axor, Thermostatic or Pressure Balance – providing the foundation for any shower installation. One rough for all shower solutions: iBox Universal Plus.
Wholesalers/Distributors
iBox Universal Plus eliminates the need for a multitude of roughs, streamlining ordering, warehousing and distribution, and reducing inventory costs.

General Contractors/Professional Remodelers
iBox allows construction to begin, even if final trim decisions have not been made yet, resulting in scheduling flexibility.

Plumber Installation
iBox standardizes and streamlines the installation process for projects large and small, allowing faster and easier installation than ever before.

iBox Universal Plus: One for All Plumbers and Distributors, Architects and Designers
Architects
Ultimate compatibility and flexibility with respect to wall construction means streamlined room planning with a wealth of design options.

Designers
Aside from the obvious benefit of the wide variety of trim styles available, additional plumbing resulting from last minute design changes can often be avoided.

Plumber Servicing
With the built-in service stops, servicing the rough is made simple and efficient, especially in hospitality applications.

One rough to stock. One rough to order. One rough to install. One rough to service. iBox Universal Plus creates synergy among all members of the distribution channel, from manufacturer to end user. Eliminating the need for a multitude of roughs, iBox Universal Plus brings increased efficiency to your business, whether you are an architect or a plumber, a wholesaler or a remodeler. iBox Universal Plus is your go-to rough for any shower installation.
The success of the iBox Universal Plus mirrors the prior worldwide success of the iBox Universal which was launched in 2001. Backed by over a decade of proven results in the field, combined with ongoing research and development by our German engineers, iBox Universal Plus guarantees versatility, reliability and ease of installation for your next project.

**Adjustable Installation Flange**
Allows precise installation to fit two different depths, resulting in maximum versatility — mount to walls made of any building material and of any thickness. For pre-fabricated housing, iBox Universal Plus can easily be pushed through the wall from behind and then mounted in place.

**Versatile Installation**
iBox installs easily in a standard 2" x 4" wall construction, as well as many special applications.
Revolutionary Technology that is Taking the Plumbing Industry by Storm

**Water-Tight Seals All Around**
Rubber seals on the iBox housing and carrier plate create a water-tight installation. Any potential leaks drain into the shower compartment, not into the wall.

**Built-In Service Stops**
Allows easy servicing of the valve and other components.

**Simplified Pipe Flushing**
The rough can easily be flushed prior to installing the function block. Hot and cold water remain isolated while passing through the flushing insert.

**Trim Includes Function Block**
Function block is supplied with trim, not the iBox, allowing trim to be ordered later in the process, reducing warehousing, theft and damage due to dirt or frost during the building phase.

**Reduced Noise Transfer**
The brass function block rests on rubber seals, so pipe vibrations transferred to the wall will be reduced. The trim carrier plate attaches to the iBox housing, not the function block, minimizing noise transfer to the finished wall.

**Multiple Mounting Options**
Multiple mounting points and depth options allow the iBox to be installed with any commonly used mounting system.

**180° Rotational Symmetry**
Even if the rough is installed upside down, the trim can still be mounted to the iBox, avoiding costly repairs.

**Extension Set**
Even if the iBox has been mounted too deeply into the wall, the problem is easily solved with an extension set. The extension set (sold separately) ensures a watertight seal, keeping the walls free from dampness.

**Shallow Extension Set**
Limited installation depths are not a problem, thanks to the shallow extension set. Simply installing the set between the tiles and trim allows for installation in walls as shallow as 2¼".
The iBox Advantage: Superior Features and Flexibility in the Field

For professionals, the advantages of the iBox can hardly be overstated. From ease of installation, flexibility of scheduling, as well as reliable installation and servicing — enjoy complete piece of mind with iBox.

In a hospitality setting, a service call is disruptive not only to guests but also to the bottom line. The built-in service stops save time and also minimize the areas of a building which are affected. And down the road when it is time to remodel, you can completely update the look of the showers by updating only the trim, and not the plumbing behind the wall.
This is a great product!

I like the iBox because it’s all inclusive

One of the easiest and least complicated roughs I have ever installed

The most universal rough-in valve on the market in my opinion

The Morrison, Palm Springs, California
All 53 spacious residences of The Morrison boast private pools and spas — and all bathrooms are fitted with the PuraVida line, using iBox Universal Plus for the showers.

Built-in Service Stops
Save Time and Money
Water can be turned off at the valve, instead of the main, allowing easy servicing of the valve and other components, making iBox ideal for hospitality applications.

Easy Trim Upgrade
Upgrade your shower trim, at a later date from pressure balance to thermostatic, or from Hansgrohe to Axor — without additional plumbing for the mixing valve.

Plumber Testimonials:

“This is a great product!”

“I like the iBox because it’s all inclusive”

“One of the easiest and least complicated roughs I have ever installed”

“The most universal rough-in valve on the market in my opinion”

<table>
<thead>
<tr>
<th>iBox Universal Plus Rough</th>
</tr>
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<tbody>
<tr>
<td>• ¾” Connections</td>
</tr>
<tr>
<td>• Water-tight seals all around</td>
</tr>
<tr>
<td>• Reduced noise transfer due to rubber seals</td>
</tr>
<tr>
<td>• Simplified pipe flushing</td>
</tr>
<tr>
<td>• Built-in service stops</td>
</tr>
<tr>
<td>• Adjustable installation flange, multiple mounting options</td>
</tr>
<tr>
<td>• Minimum installation depth: 2¼”</td>
</tr>
<tr>
<td>• Maximum installation depth: 4⅛”</td>
</tr>
<tr>
<td>• Extension sets for too deep/too shallow installation</td>
</tr>
<tr>
<td>• 180° Rotational symmetry</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hansgrohe Trims</th>
</tr>
</thead>
<tbody>
<tr>
<td>Several trim styles, available in multiple finishes:</td>
</tr>
<tr>
<td>• Pressure Balance (1 or 2 Functions)</td>
</tr>
<tr>
<td>• Thermostatic (1 or 2 Functions)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pressure Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>• 6.5 GPM @ 44 PSI</td>
</tr>
<tr>
<td>• 1-Function Trim: Shower only or Tub/Shower with diverter spout</td>
</tr>
<tr>
<td>• 2-Function Trim: Tub/Shower with non-diverter spout or 2 shower outlets</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Thermostatic</th>
</tr>
</thead>
<tbody>
<tr>
<td>• 8 GPM @ 44 PSI</td>
</tr>
<tr>
<td>• 1-Function Trim: 1 outlet only</td>
</tr>
<tr>
<td>• 2-Function Trim: Tub/Shower with non-diverter spout or 2 shower outlets</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Special Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>iBox Universal Plus also serves as the foundation for multi-function shower applications such as Raindance Rainfall AIR, Raindance E 420 or Raindance S Showerpipe.</td>
</tr>
</tbody>
</table>
Installation at-a-glance: iBox Universal Plus

**iBox Universal Plus Package Contents**
iBox, installation flange, 1 plug, rubber wall seal, flushing insert, protective cap, and assembly instructions.

**Create Connection Fittings**
When using copper pipes, connection fittings should be created prior to installation.

**Install Connection Fittings**
Clamp iBox in a vice using a ¾” nipple threaded into the top or bottom outlet, then install connection fittings.

**Level Mounting**
Mount the iBox in exactly the right position using the integrated leveling points.

**Connect Water Supply**
Solder the water supply pipes and other risers to the previously installed fittings. Note: Please maintain a minimum 4” distance from the housing while soldering.

**Valve Flushing**
Simply turn on the water supply to flush the valve. The water passes through the flushing insert, which comes pre-installed.

**Shut Off Water**
After flushing, shut off water using built-in service stops, operated by an Allen wrench or flathead screwdriver. Replace protective cap.

**Cut a Hole in the Wall**
Trim a 5” diameter hole in the wall material to accommodate the iBox.

**Rubber Wall Seal**
Prevents water from entering the wall around the edge of the housing. Mount rubber wall seal onto iBox between two coats of adhesive.
Trim Package Contents
Escutcheon, carrier plate, function block, support housings, mounting screws, handles, handle adaptors and assembly instructions.

Remove Excess Plaster Shield
Cut the excess plaster shield until it protrudes approximately ⅛” beyond the finished wall.

Seal With Silicone
To prevent moisture from entering the wall, seal the joint between the iBox and the finished wall with silicone.

Remove Flushing Insert
Remove protective cap, then remove flushing insert by removing Allen screw. Remember to shut off the water if necessary using the service stops!

Install Function Block
Using the four mounting screws provided, install the function block on the iBox. Re-open service stops to turn on water supply.

Install Carrier Plate
Use the included plastic screws to attach the carrier plate to the iBox housing, preventing noise transfer and water leaks.

Install the Escutcheon
Simply fit escutcheon over the carrier plate — no screws or bolts needed. Rubber seal and O-rings on cartridges guarantee a firm hold.

Install the Handles
Finally, attach handles with the included set screws.

Completed Shower
Create Your Ideal Shower Installation
With the Three Hansgrohe Style Worlds

We all know that living spaces are as individual as the people who live in them. Hansgrohe’s World of Styles offers three comprehensive style worlds from which to create a distinctive, personalized design for the bathroom. Choose a trim style from any of the three style worlds: Avantgarde (PuraVida), Modern (S, S/E, or E), or Classic (C). These universal trims coordinate seamlessly with lavatory faucets from any product series within the same style world.

Avantgarde.
Thermostatic Temperature Control
Preset your preferred water temperature to within ±1°F.

Volume Control and Diverter
Controls volume and also acts as a diverter between two functions on specific models.

Anti-scald 100° Safety Stop
Prevents water temperature from exceeding 100°F, unless this override button is pressed, protecting against water scalding.

Thermostatic Temperature Control
Preset your preferred water temperature to within ±1°F.
Hansgrohe Trim Options: Function and Choice

With a variety of mixing valves and diverters, including the new Pressure Balance with Diverter, Hansgrohe gives you more options than ever to create the perfect shower. A type of volume control is integrated into all Hansgrohe brand trims, so a separate volume control is not required.

Exemplary Hansgrohe S/E trims shown

Thermostatic Trim with Volume Control
Volume and thermostatic temperature control for one shower function

Thermostatic Trim with Volume Control and Diverter
Volume and thermostatic temperature control for two shower functions

Pressure Balance Trim
Volume and pressure-balanced temperature control for one shower function

Pressure Balance with Diverter Trim
Volume and pressure-balanced temperature control for two shower functions – ideal for tub/shower installations

Quattro 3-Way Diverter
Selects between three functions or a combination of any two

Quattro Green 3-Way Diverter
Selects between three functions (no shared function)

Trio 2-Way Diverter
Selects between two functions or a combination of both
**Thermostatic with Volume Control**

Enjoy the benefits of both a handshower and a fixed showerhead by choosing a Hansgrohe wallbar set. Then add a new Hansgrohe thermostatic trim, featuring integrated temperature and volume control. The result: a versatile high-performance thermostatic shower that is extremely easy to install.

1. **iBox Universal Plus Rough with Service Stops, ¾”**
   
   #01850181

2. **S/E Thermostatic Trim with Volume Control**
   
   #04352xx0
   
   Thermostatic temperature and volume control for one shower function
Thermostatic with Volume Control and Diverter

Europeans have embraced the advantages of a handshower over a fixed showerhead for years. A handshower delivers a more invigorating shower, through the increased warmth and intensity that results from bringing the spray closer to your body. An oversized PuraVida 400 AIR showerhead and thermostatic trim with volume control and diverter complete this exhilarating shower installation.

1 iBox Universal Plus Rough with Service Stops, ¾” #01850181

2 PuraVida Thermostatic Trim with Volume Control and Diverter #15771xx1 Thermostatic temperature control, volume control and diverter for two shower functions
Thermostatic with Volume Control and Diverter

Hansgrohe’s Thermostatic Trim with Volume Control and Diverter delivers maximum control in just one trim, featuring two independently-controlled shower functions. With two handles elegantly combined in one trim, maximize your shower’s functionality and reduce clutter on the wall, enhancing the contemporary look of this installation.

1 iBox Universal Plus Rough with Service Stops, ¾”
   #01850181

2 S Thermostatic Trim with Volume Control and Diverter
   #04231xx0
   Thermostatic temperature control, volume control and diverter for two shower functions
Thermostatic with Volume Control plus Quattro Diverter

With the numerous installation options made possible by the Quattro and Quattro Green 3-Way Diverter, your imagination is the only limit. The Quattro 3-Way Diverter brings unprecedented possibilities to Hansgrohe showers, with the ability to control 3 separate shower functions. Combined with a thermostatic trim delivering up to 8 GPM — ambitious shower concepts are possible with Hansgrohe.

1. **iBox Universal Plus Rough with Service Stops, ¾”**
   #01850181

2. **C Thermostatic Trim with Volume Control**
   #15752xx1
   Thermostatic temperature and volume control

3. **Rough, Quattro 3-Way Diverter, ¾”**
   #15930181
   or
   **Rough, Quattro Green 3-Way Diverter, ¾”**
   #15936181

4. **C Trio/Quattro Trim**
   #15934xx1
   Selects between showerhead, handshower, and bodysprays
Pressure Balance Valve

This configuration incorporates a single wall-mounted showerhead—a perfect fit for secondary bathrooms. With its elegant simplicity and functionality, the S Pressure Balance Trim delivers streamlined looks as well as installation. With the iBox Universal Plus behind the wall, easily upgrade from pressure balance to thermostatic trim at a later date.

1 iBox Universal Plus Rough with Service Stops, ¾“
   #01850181

2 S Pressure Balance Trim
   #04233xx0
   Temperature and volume control for one shower function
Pressure Balance Valve with Diverter

With the new Pressure Balance with Diverter trims, iBox makes standard tub/shower solutions easier to install than ever before. When installed along with a tub spout without a diverter, the result is a cleaner, more streamlined look and offers the same ease of installation – as well as affordability.

1 iBox Universal Plus Rough with Service Stops, ¾”
   #01850181

2 C Pressure Balance Trim with Diverter
   #04449xx0
   Temperature and volume control for one shower function plus a diverter to control the tub spout
Pressure Balance Valve with Diverter

With built-in service stops, ultimate reliability, and ease of installation, iBox is a perfect fit for hospitality installations. When combined with the new Pressure Balance with Diverter trim, the result is a fresh take on a standard installation, with a premium look and functionality without a premium price tag.

1 iBox Universal Plus Rough with Service Stops, ¾”
   #01850181

2 S Pressure Balance Trim with Diverter
   #04447xx0
   Temperature and volume control for one shower function plus a diverter to control the tub spout
Special Applications — iBox Universal Plus

iBox earns its world-class reputation as the foundation for mixing valves, but it also serves as the foundation for a variety of specialized multi-function shower applications. iBox provides a conduit for water from the supply lines, and provides additional structural support to ensure smooth, reliable operation for many years to come.

**Raindance Rainfall AIR 240 Showerhead**
#28411001
One iBox Universal Plus is required for the Raindance Rainfall AIR 240 Showerhead, a second iBox Universal Plus is required for the thermostatic trim.

**Raindance Rainfall AIR 180 Showerhead**
#28433, -001, -401
One iBox Universal Plus is required for the Raindance Rainfall AIR 180 Showerhead, a second iBox Universal Plus is required for the thermostatic trim.

**Raindance E 420 AIR 2-Jet Showerhead**
#27373, -001, -821, -831
One iBox Universal Plus is required for the Raindance E 420 AIR Showerhead, a second iBox Universal Plus is required for the thermostatic trim.

**Raindance Rainfall S 180 Showerpipe**
#27192, -001, -821
One iBox Universal Plus is required for the Raindance S 180 Showerpipe, a separate mixing valve is not required.
Hansgrohe Trims

<table>
<thead>
<tr>
<th>Trim (Max. Flow Rate @ 44 PSI)</th>
<th>PuraVida</th>
<th>S</th>
<th>S/E</th>
<th>E</th>
<th>C</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thermostatic Trim with Volume Control [8 GPM]</td>
<td>15775xx1</td>
<td>04230xx0</td>
<td>04352xx0</td>
<td>04225xx0</td>
<td>15752xx1</td>
<td>04220xx0</td>
</tr>
<tr>
<td>Thermostatic Trim w/Volume Control and Diverter [8 GPM]</td>
<td>15771xx1</td>
<td>04231xx0</td>
<td>04353xx0</td>
<td>04226xx0</td>
<td>15753xx1</td>
<td>04221xx0</td>
</tr>
<tr>
<td>Pressure Balance Trim (6.5 GPM)</td>
<td>15407xx1</td>
<td>04233xx0</td>
<td>04355xx0</td>
<td>04228xx0</td>
<td>15404xx1</td>
<td>04223xx0</td>
</tr>
<tr>
<td>Pressure Balance Trim with Diverter (6.5 GPM)</td>
<td>n/a</td>
<td>04447xx0</td>
<td>04448xx0</td>
<td>04491xx0</td>
<td>04449xx0</td>
<td>-</td>
</tr>
<tr>
<td>Needs iBox Universal Plus Rough #01850181</td>
<td>iBox</td>
<td>iBox</td>
<td>iBox</td>
<td>iBox</td>
<td>iBox</td>
<td>iBox</td>
</tr>
</tbody>
</table>

Trio/Quattro Trim

| Rough, Quatto 3-Way Diverter, ¾" (17 GPM) | 15930181 | 15930181 | 15930181 | 15930181 | 15930181 | 15930181 |
| Rough, Quatto Green 3-Way Diverter, ¾" (17 GPM) | 15936181 | 15936181 | 15936181 | 15936181 | 15936181 | 15936181 |
| Rough, Trio 2-Way Diverter, ¾" (17 GPM) | 15984181 | 15984181 | 15984181 | 15984181 | 15984181 | 15984181 |

Available Finishes: -00, -40, -00, -82, -00, -82, -00, -82, -00, -82, -00, -82, -83, -92, -83, -92

When ordering, replace “xx” in trim part numbers (above) with one of the following corresponding finish codes:
Chrome -00, White/Chrome -40, Brushed Nickel -82, Polished Nickel -83, Rubbed Bronze -92

Hansgrohe Installation Tips

- Separate volume controls cannot be used with Hansgrohe thermostatic trims
- Hansgrohe Trio and Quattro diverters must be used with Hansgrohe trims
- Tub spout with diverter can only be used with pressure balance trims which do not contain a built-in diverter
## Special Applications

<table>
<thead>
<tr>
<th>Product</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Raindance Rainfall AIR 240 Showerhead</td>
<td>28411001</td>
</tr>
<tr>
<td>Raindance Rainfall AIR 180 Showerhead</td>
<td>28433xx1</td>
</tr>
<tr>
<td>Raindance E 420 AIR 2-Jet Showerhead</td>
<td>27373xx1</td>
</tr>
<tr>
<td>Raindance S 180 Showerpipe</td>
<td>27192xx1</td>
</tr>
</tbody>
</table>

- **iBox**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>-00</th>
<th>-00, -40</th>
<th>-00, -82, -83</th>
<th>-00, -82</th>
</tr>
</thead>
<tbody>
<tr>
<td>Also requires mixing valve and second iBox</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Hansgrohe Finishes

- Chrome -00
- White/Chrome -40
- Brushed Nickel -82
- Polished Nickel -83
- Rubbed Bronze -92
In 1994, Axor and Philippe Starck transformed the idea of what a bathroom could be – from its origin as a small, purely functional room to a personalized retreat, tailored to the users wants and needs. Axor continues its commitment to find the best solutions for the bathroom by partnering with internationally-renowned designers and architects. The variety of Axor trims for iBox allows you to bring a multitude of ambitious visions for shower installations to life – from the minimalist to the luxurious.
Axor Trim Options: A Wealth Of Options

The Axor brand contains a wealth of options to build a range of personalized shower systems. In addition to the 16 GPM highflow thermostatic trims which require an additional volume control, the Axor Bouroullec collection now offers a thermostatic trim with integrated volume control with optional diverter — unlocking even more potential to create the perfect shower system.

Exemplary Axor Bouroullec trims shown:

**Thermostatic Trim with Volume Control**
Thermostatic temperature control

**Thermostatic Trim with Volume Control and Diverter**
Volume and thermostatic temperature control for one or two shower functions

**Pressure Balance Trim**
Volume and pressure-balanced temperature control

**Volume Control Trim**
Controls volume and shuts off water

**Quattro 3-Way Diverter**
Selects between three functions or a combination of any two

**Quattro Green 3-Way Diverter**
Selects between three functions (no shared function)

**Trio 2-Way Diverter**
Selects between two functions

**Trio 2-Way Diverter with Shut-Off**
Selects between two functions and shuts off water

*Requires additional volume control  **Only offered in Axor Bouroullec
Thermostatic with Volume Control and Diverter

With the introduction of Axor Bouroullec, the Thermostatic Trim with Volume Control and Diverter is no longer limited to the Hansgrohe brand. An even broader range of minimalist shower options are available, without the need to install a separate volume control. For a collection who’s motto is “Feel Free to Compose”, this concept extends to shower installations. The Axor Bouroullec handshower porter with integrated outlet completes this installation.

1 iBox Universal Plus Rough with Service Stops, ¾”
#01850181

2 Axor Bouroullec Thermostatic Trim with Volume Control and Diverter
#19706001
Thermostatic temperature control, volume control and diverter for two shower functions
Thermostatic plus Two Volume Controls

Fine-tuning your shower experience is as natural as it is intuitive in this shower configuration. The two volume controls allow you to operate the two shower functions independently. Boost the handshower without altering the showerhead setting, or vice versa. Arrive at the perfect balance by turning both volume controls at once, then shut off the water using the same controls.

1. iBox Universal Plus Rough with Service Stops, ¾”
   #01850181

2. Axor Massaud Thermostatic Trim
   #18741001
   Thermostatic temperature control

3. (2x) Rough, Volume Control
   #15977181

4. (2x) Axor Massaud Volume Control Trim
   #18974001
Thermostatic plus
Trio Diverter with Shut-Off

Traditional style meets modern shower technology with Axor Montreux. The Trio 2-Way Diverter with Shut-Off allows you to minimize the number of controls on the wall: One handle selects between two shower functions or a combination, and shuts off the water. Axor Montreux trims are available with cross or lever handles, giving you additional options to build your shower system.

1. iBox Universal Plus Rough with Service Stops, ¾"  
   #01850181

2. Axor Montreux  
   Thermostatic Trim with Cross Handle  
   #16816xx1  
   Thermostatic  
   temperature control

3. Rough, Trio 2-Way  
   Diverter with Shut-Off, ¾"  
   #15981181  
   Selects between showerhead and handshower or a combination of both, plus shuts off water

4. Axor Montreux Trio/Quattro Trim with Cross Handle  
   #16833xx1
Unlock the ultimate in shower pleasure. With Axor thermostatic trims delivering an ample 16 GPM, the most sophisticated shower systems are made possible. This impressive configuration incorporates 6 bodysprays, a showerhead and a handshower – plus the capability to operate all functions simultaneously. Luxury reinvented for the shower.

1. iBox Universal Plus Rough with Service Stops, ¾”
   #01850181

2. Axor Citterio Thermostatic Trim with Lever Handle
   #39711xx1
   Thermostatic
   temperature control

3. Rough, Trio 2-Way Diverter with Shut-Off, ¾”
   #15981181
   Selects between showerhead, bodysprays or a combination of both, plus shuts off water

4. Axor Citterio Trio/Quattro Trim with Lever Handle
   #39931xx1

5. Axor Citterio Fix Fit Wall Outlet with Lever Handle
   #39882xx1
   Controls volume for handshower and shuts off water
Thermostatic plus Quattro Diverter and Volume Control

Thermostatic plus Quattro Diverter and Volume Control. Express your individuality through this custom Axor Urquiola shower system. Featuring our most robust diverter — the Quattro — this shower installation enables you to cycle through all three shower functions, or any combination of two, with only one control. One volume control allows you to adjust volume or shut off the entire system, regardless of which shower functions are currently selected.

1. **iBox Universal Plus Rough with Service Stops, ¾”**
   #01850181

2. **Axor Urquiola Thermostatic Trim**
   #11731xx1
   Thermostatic temperature control

3. **Rough, Quattro 3-Way Diverter, ¾”**
   #15930181
   Selects between showerhead, handheld shower or bodysprays, or a combination of both

4. **Axor Urquiola Trio/Quattro Trim**
   #11925xx1

5. **Rough, Volume Control**
   #15977181

6. **Axor Urquiola Volume Control Trim**
   #11960xx1
Pressure Balance Valve

Complement the beautiful, minimalist forms of Axor Starck by taking a similar approach to design your shower configuration. By adding a pressure balance trim with a single handle to control temperature and volume to a wallbar featuring the Axor Starck handshower, Philippe Starck’s vision remains intact.

1 iBox Universal Plus Rough with Service Stops, ¾”
   #01850181

2 Axor Starck Pressure Balance Trim
   #10407xx1
   Temperature control and volume control
## Axor Trims

<table>
<thead>
<tr>
<th>Thermostatic Trim, Highflow</th>
<th>Axor Starck</th>
<th>Axor Starck X</th>
<th>Axor Bouroullec</th>
<th>Axor Citterio</th>
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<tbody>
<tr>
<td>10715xx1</td>
<td>10717001</td>
<td>19702001</td>
<td>39716xx1—Cross</td>
<td>39711xx1—Lever</td>
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<tr>
<td>Thermostatic Trim with Volume Control</td>
<td>-</td>
<td>-</td>
<td>19704001</td>
<td>-</td>
</tr>
<tr>
<td>Thermostatic Trim with Volume Control and Diverter</td>
<td>-</td>
<td>-</td>
<td>19706001</td>
<td>-</td>
</tr>
<tr>
<td>Pressure Balance Trim</td>
<td>10407xx1</td>
<td>10404001</td>
<td>19408001</td>
<td>39414xx1</td>
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<tr>
<td>Needs iBox Universal Plus Rough #01850181</td>
<td>[iBox]</td>
<td>[iBox]</td>
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<table>
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<tr>
<th>Volume Control Trim</th>
<th>Axor Starck</th>
<th>Axor Starck X</th>
<th>Axor Bouroullec</th>
<th>Axor Citterio</th>
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<tr>
<td>10970xx1</td>
<td>10974001</td>
<td>19971001</td>
<td>39967xx1—Cross</td>
<td>39961xx1—Lever</td>
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<tr>
<td>Rough, Volume Control, ½&quot;</td>
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<tr>
<td>Rough, Volume Control, ¾&quot;</td>
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<table>
<thead>
<tr>
<th>Trio/Quattro Trim</th>
<th>Axor Starck</th>
<th>Axor Starck X</th>
<th>Axor Bouroullec</th>
<th>Axor Citterio</th>
</tr>
</thead>
<tbody>
<tr>
<td>10930xx1</td>
<td>10934001</td>
<td>19981001</td>
<td>39927xx1—Cross</td>
<td>39931xx1—Lever</td>
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<tr>
<td>Rough, Quattro 3-Way Diverter, ¾&quot;</td>
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<tr>
<td>Rough, Quattro Green 3-Way Diverter, ¾&quot;</td>
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<tr>
<td>Rough, Trio 2-Way Diverter, ¾&quot;</td>
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<tr>
<td>Rough, Trio 2-Way Diverter with Shut-Off, ¾&quot;</td>
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</tbody>
</table>

Available Finishes: -00, -82

When ordering, replace “xx” in trim part numbers (above) with one of the following corresponding finish codes:
Chrome -00, Brushed Nickel -82, Polished Nickel -83

### Axor Installation Tips

- Axor thermostatic trims require a type of volume control*  
  (Volume Control, Trio 2-Way Diverter with Shut-Off, or Fix Fit Wall Outlet)
- Axor Trio (without shut-off) and Quattro trims require a type of volume control
- Separate volume controls (Volume Control, Trio 2-Way Diverter with Shut-Off, or Fix Fit Wall Outlet) cannot be used with pressure balance trims
- Tub spout with diverter can only be used with pressure balance trims

*With the exception of 19704001 and 19706001 from the Axor Bouroullec collection.
### Available Finishes

<table>
<thead>
<tr>
<th>Chrome</th>
<th>Brushed Nickel</th>
<th>Polished Nickel</th>
</tr>
</thead>
<tbody>
<tr>
<td>-00</td>
<td>-82</td>
<td>-83</td>
</tr>
</tbody>
</table>

Cross or Lever handle option is available for the indicated trims.
Pipework and Wall Construction Compatibility

iBox is compatible with all commonly-used wall constructions and pipework systems, ¾” or ½”.

**Pipework**

- PEX
- Copper
- CPVC

**Wall Construction**

- Mounting between two wall studs
- Installation with #96615000 installation set
- Installation on the wall
- Installation on a prefabricated wall
- Installation inside of the wall
- Installation in front of the wall (shown with variable spacers)
Extension and Installation Sets

The special installation aids below allow easy installation of the iBox, even in difficult situations.

**Shallow Extension Set, Thermostatic/Pressure Balance Trim, ⅞”**
- #13596xx0
  - Permits installation of trim escutcheons when rough is installed too shallow in the wall
  - Fits all Hansgrohe S, S/E, E, and C trims
  - Fits Axor Starck, Axor Uno, and Axor Montreux trims

**Shallow Extension Set, PuraVida Thermostatic/Pressure Balance Trim, ⅞”**
- #15597000
  - Permits installation of trim escutcheons when rough is installed too shallow in the wall
  - Fits Hansgrohe PuraVida trims

**Shallow Extension Set, Thermostatic/Pressure Balance Trim, ⅞”**
- #97407xx0
  - Permits installation of trim escutcheons when rough is installed too shallow in the wall
  - Fits Axor Starck X, Axor Citterio, and Axor Massaud trims

**Shallow Extension Set, Thermostatic/Pressure Balance Trim, ⅞”**
- #98860xx0
  - Permits installation of trim escutcheons when rough is installed too shallow in the wall
  - Fits Axor Citterio M and Axor Urquiola trims

**Shallow Extension Set, Thermostatic/Pressure Balance Trim, ⅞”**
- #19427000
  - Permits installation of trim escutcheons when rough is installed too shallow in the wall
  - Fits Axor Bouroullec trims

**Extension Set, iBox Universal Plus Rough, 1”**
- #13595000
  - Fits iBox Universal Plus Rough #01850181
  - Permits installation when iBox is installed too deep in the wall

**Extension Set, Volume Control and Trio/Quattro, 1”**
- #96370000
  - Permits installation when Volume Control or Trio/Quattro diverter rough is installed too deep in the wall

**Installation Set, iBox Universal Plus Rough**
- #96615000
  - Fits iBox Universal Plus Rough #01850181
  - Permits secure, easy installation of iBox between studs in wall

For complete specification sheets please visit www.hansgrohe-usa.com.
Discover the world of Hansgrohe at www.hansgrohe-usa.com

iBox Universal Plus: Planning and Installation is a comprehensive guide for planning shower installations with iBox Universal Plus and Hansgrohe and Axor trims. Visit our website to view our full range of products, and to find a Hansgrohe dealer in your area at our Where-To-Buy section.

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Customer Service

Located at our North American Headquarters in Alpharetta, Georgia, our expert associates are there to assist you. Call us at 800-334-0455, Monday through Friday, 8 am to 7 pm EST.