

Aurena

Pre-installation Data Sheet

Bathtubs and Whirltubs

Index

Notes.....	2
Pre-installation	3
Maintenance openings	5
Data sheets for bathtubs and whirltubs	9

Notes

NOTESPLANNING

Before starting the installation, plan the layout in detail, taking the site conditions into consideration.

TARGET READERSHIP AND QUALIFICATIONS

All work associated with the installation and water connection may only be undertaken by a plumber and all work associated with the electrical installation may only be undertaken by a licensed electrician.

SAFETY INSTRUCTIONS

Incorrect handling/transport may result in product damage.

The metal frame and whirl system are not resilient.

- > Never hold by the metal frame or whirl system.

Improper transport can cause damage to the product and/or property damage, e.g. leaks.

- > Wear appropriate protective clothing.
- > Avoid knocks.

Risk of product and/or property damage!

The breach of local and country-specific regulations and standards can cause damage to the product and/or property damage.

- > Observe the local installation regulations and any country-specific standards at all times.

Duravit AG assumes no liability for the consequences of improper handling or improper transport.

Pre-installation

INSTALLATION LOCATION / INSTALLATION ROOM

> Make sure that the installation location fulfils the following criteria

Doors / external access	Ensure that doors or other access openings are large enough to accommodate transport dimensions, keeping in mind the weight and need for sufficient manoeuvring room.
Required area	Allow for enough space around the tub for the installation.
Floor	- Completely level. - At a right angle to the wall. - Note the overall strength of the floor structure including the floor finish. - There must not be any underfloor heating under the tub. - Install tubs after the tiles. (Top edge of finished floor). - Depending on the combination of tub and whirl system it is possible that system components may protrude beyond the edge of the tub. We therefore recommend installation in a support frame. Tolerances for acrylic: As a result of the manufacturing process, deviations from the nominal dimensions may occur within the limits specified in the DIN 198 standard. Please take this into account in your planning.
Wall	- Tiled. - At a right angle to the tub. - Completely straight. - Note the overall strength of the wall structure including the wall finish.

WATER INSTALLATION

NOTE

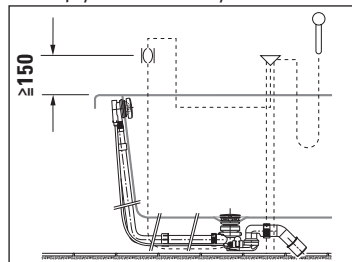
Bathtubs without overflow will overflow into the room.

> If a bathtub is installed without an overflow, a floor drain must be installed to protect the building against overflow water in accordance with DIN 1986-100.

NOTE

A pipe interrupter is absolutely essential for tubs with a base inlet (DIN EN 1717).

> Comply with assembly scheme.



Water connection

- Connections for the water supply and drains must be in compliance with the currently valid standards and public regulations.
- Position the water drain (DN 50) flush to the mounting surface or out of the wall directly above the mounting surface; see drawing for recommended area.

MAINTENANCE OPENINGS AND AIR SUPPLY

NOTE

It is recommended to install the tub with a removable bathtub panel due to the improved maintenance options.

Tiling the tub

The following maintenance openings must be provided:

- Cable-driven waste and overflow 200 x 200 mm
- Units 500 x 500 mm
(Please see the section on "Maintenance openings")
- Provide an opening in the panel for the air supply with an effective area of approx. 15 cm² (e.g. 3 x 5 cm or 2 x 7.5 cm).

Tub with a panel

- The panel must be removed for maintenance, and with a seamless panel, the tub must be removed from the wall. Your plans should therefore include a clearance in front of the tub.
- The air supply for the whirl system (ventilation grille/ventilation slot) must not be covered.

ELECTRICAL INSTALLATION



DANGER

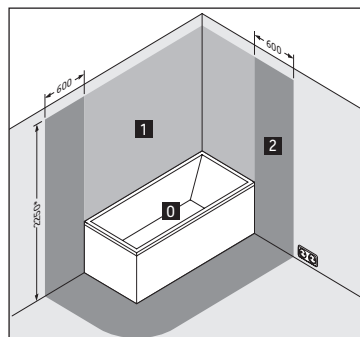
Risk of fatal electric shock

- Disconnect the power supply while working on the electrical components.
- The device must be earthed. Earthed appliances must be permanently connected to fixed wiring.
- Connect the device only to the designated electrical cable.
- NEVER touch the power supply line with wet hands.

Pre-installation

- Lay a permanent power supply line which must be on a separate circuit.
 - The device itself does not have electrical leakage protection function. The device must be supplied through a residual current device (RCD) with a rated residual operating current not exceeding 30 mA.
 - Means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules and have a contact separation in all poles that provides full disconnection under overvoltage category III conditions outside the prescribed protection zones (0 – 2).
 - Leave 3000 mm of the supply line exposed.
- Lay an equipotential bonding cable:
 - Leave 3000 mm of cable exposed.
- Select a supply line cross-section based on the connected load on the identification plate (2.5 mm – 4 mm).
- Confirm that the grounding wire is 10 mm (3/8") longer than the L and N wire.
- Install a circuit breaker.

PROTECTION ZONES



* Or the height of the highest fixed-location shower head/water outlet, whichever is higher.

WHITE LED LIGHT UNDER THE EDGE OF THE TUB FOR BATHTUBS

Electrical data

Power supply

White LED light under the edge of the tub	220 – 240 V AC, 50/60 Hz,
#791847 00 0 00 0000	50 W
#791848 00 0 00 0000	
#791849 00 0 00 0000	

Fuse $I_N = 16 \text{ A}$

RCD $I_{\Delta N} \leq 30 \text{ mA}$

WHIRLTUBS

Electrical data

Whirl system	Rated power with standard equipment	Max. rated power, fully-equipped
Air System (# 760XXX XX X AS 00XX)	0.76 kW	0.85 kW
Air System (DuraSolid) (# 760XXX XX X AS 00XX)	0.58 kW	0.58 kW
Jet Project (# 760XXX XX X JP 10XX)	0.66 kW	0.66 kW
Jet System (# 760XXX XX X JS 10XX)	0.59 kW	0.67 kW
Combi-System P (# 760XXX XX X CP 10XX)	1.89 kW	1.98 kW
Combi-System E (# 760XXX XX X CE 10XX)	1.91 kW	2.96 kW
Combi-System L (# 760XXX XX X CL 10XX)	1.59 kW	2.64 kW
Jet System E (# 760XXX XX X JE 10XX)	1.14 kW	2.20 kW

Maintenance openings

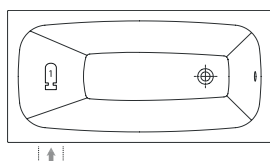
Maintenance

Install the whirltub in such a way that all of the important equipment (pump, blower and control system) remains accessible. It is recommended to install the tub with a removable furniture panel for easy maintenance.

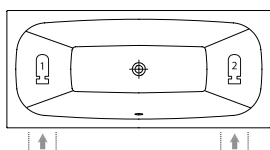
Location of the whirl system components

The illustrations show the standard configuration for the components of the whirl system* with the location of the operating unit. The back massage is located at the head end (depending on the whirl system).

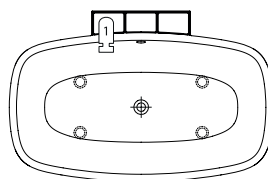
Custom-made designs available on request. In such cases we will require a drawing showing the desired layout. Duravit will confirm whether the desired layout can be implemented.



#760545, #7605446, #760547,
#760548, #760549



#760550



#760551

Legend



Unit 1



Unit 2*



Control panel**



Suction screen



Recommended
equipment covers



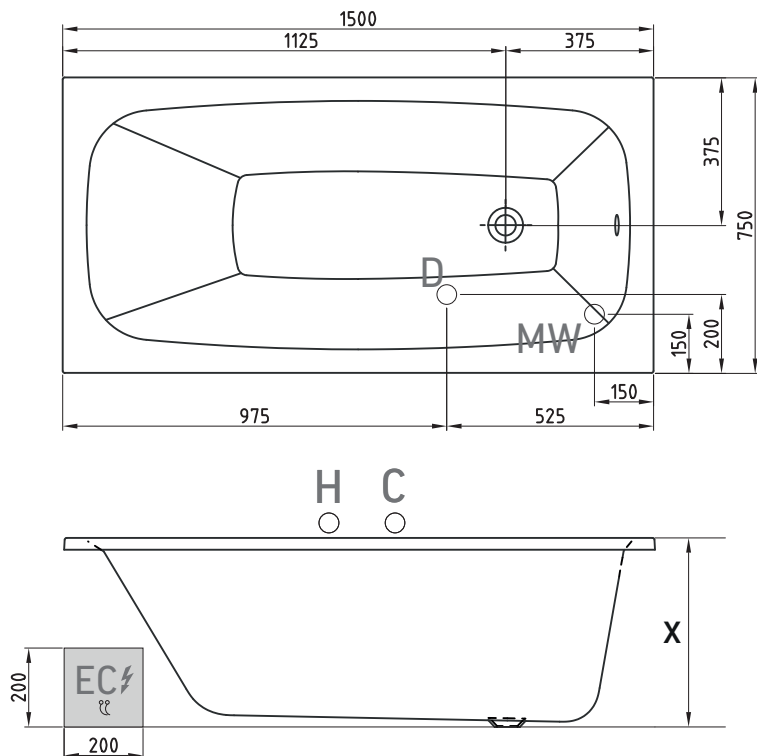
Recommended
equipment covers***

* Only Combi-Systems / ** The number of operating elements is based on the whirl system and the additional modules selected / *** Only necessary for Combi-System E/L in combination with sound and/or coloured LED light

Pre-installation Aurena

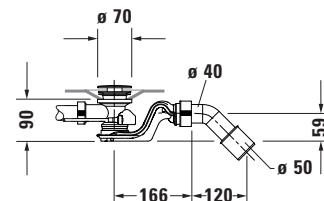
#700545 / #760545

|< 1500 x 750 >|

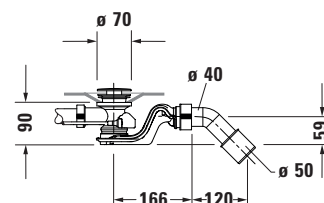


- H: Hot water connection
 C: Cold water connection
 D: Drain connection
 MW: Mixed water connection for water inlet
 EC: Electricity connection

Bathtub

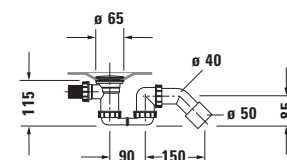


Siphon #792202

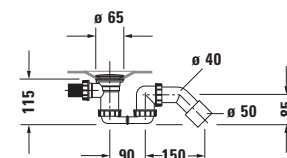


Siphon with water inlet #792203

Whirltub



Siphon (inklusive)



Siphon with water inlet (inklusive)

		Height [mm]	including feet [mm]	including support [mm]
X	Bathtub	480	615 - 660	600
X	Whirltub	480	600 - 630	-

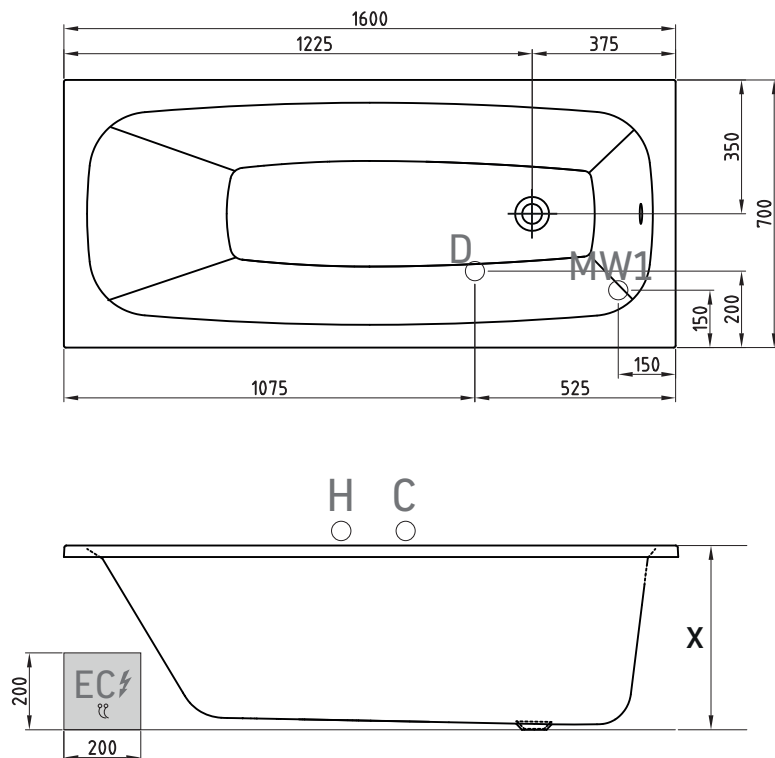
Technical specifications

Net weight [kg]	Floor load [kg/m²]	Shipping weight [kg]	Shipping dimensions l x w x h [cm]	Drain connection [mm]	Inlet connection (OG) [inch]	Whirlsystem	Model-No.
26	165	26,8	166 x 150 x 78	40/50	1/2"	-	700545 BA 0 00 0000
36,8	175	53,11	84 x 150 x 109	40/50	3/4"	Air-System	760545 BA 0 AS 1000
56,9	193	73	84 x 150 x 109	40/50	3/4"	Combi-System E	760545 BA 0 CE 1000
50,1	187	66,41	84 x 150 x 109	40/50	3/4"	Combi-System P	760545 BA 0 CP 1000
46,6	184	63	84 x 150 x 109	40/50	3/4"	Jet-E	760545 BA 0 JE 1000
40,6	178	57	84 x 150 x 109	40/50	3/4"	Jet-System	760545 BA 0 JS 1000

Pre-installation Aurena

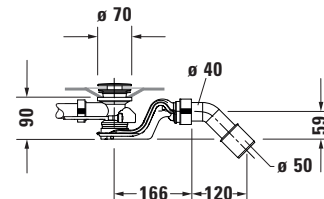
#700546 / #760546

| < 1600 x 700 > |

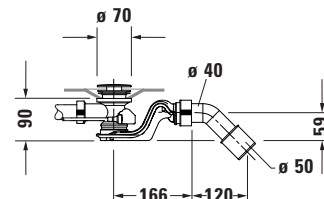


- H: Hot water connection
- C: Cold water connection
- D: Drain connection
- MW: Mixed water connection for water inlet
- EC: Electricity connection

Bathtub

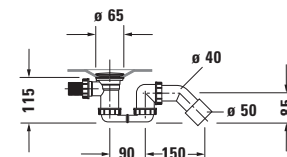


Siphon #792202

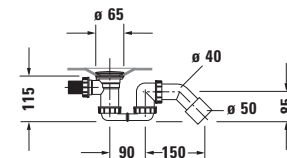


Siphon with water inlet #792203

Whirltub



Siphon (inklusive)



Siphon with water inlet (inklusive)

		Height [mm]	including feet [mm]	including support [mm]
X	Bathtub	480	615 - 660	600
X	Whirltub	480	600 - 630	-

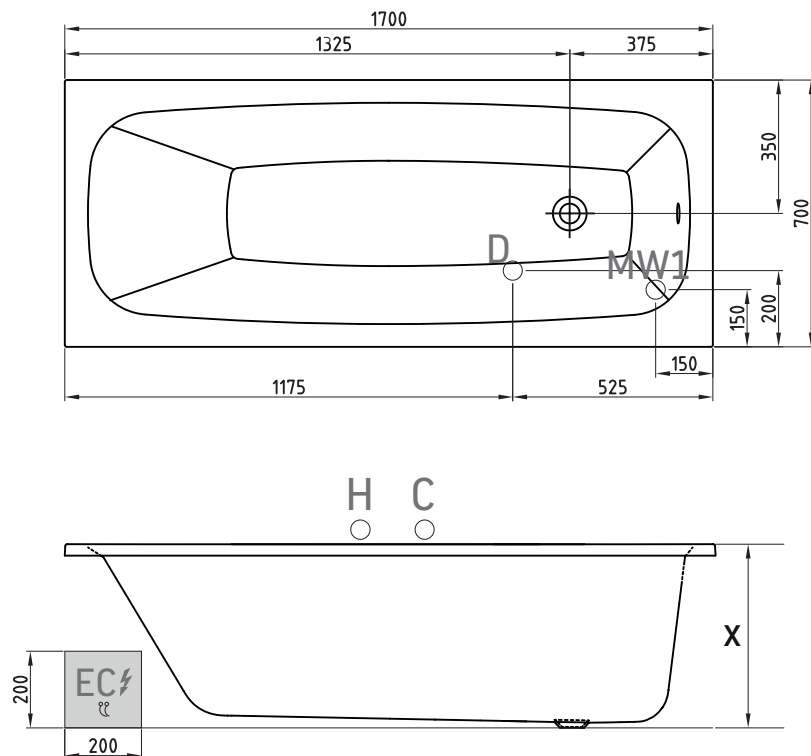
Technical specifications

Net weight [kg]	Floor load [kg/m²]	Shipping weight [kg]	Shipping dimensions l x w x h [cm]	Drain connection [mm]	Inlet connection (OG) [inch]	Whirlsystem	Model-No.
27	174	27,8	176 x 160 x 73	40/50	1/2"	-	700546 BA 0 00 0000
41	187	57,31	84 x 160 x 109	40/50	3/4"	Air-System	760546 BA 0 AS 1000
57,9	202	72	84 x 160 x 109	40/50	3/4"	Combi-System E	760546 BA 0 CE 1000
51,1	196	67,41	84 x 160 x 109	40/50	3/4"	Combi-System P	760546 BA 0 CP 1000
47,6	193	62	84 x 160 x 109	40/50	3/4"	Jet-E	760546 BA 0 JE 1000
41,6	187	57,91	84 x 160 x 109	40/50	3/4"	Jet-System	760546 BA 0 JS 1000

Pre-installation Aurena

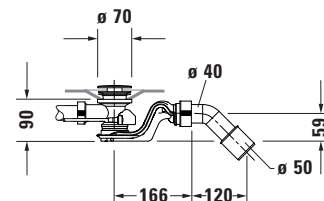
#700547 / #760547

| < 1700 x 700 > |

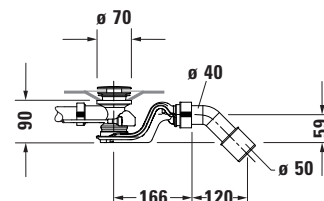


- H: Hot water connection
- C: Cold water connection
- D: Drain connection
- MW: Mixed water connection for water inlet
- EC : Electricity connection

Bathtub

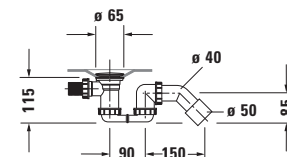


Siphon #792202

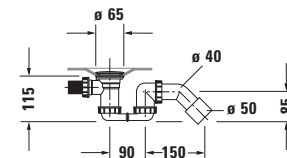


Siphon with water inlet #792203

Whirltub



Siphon (inklusive)



Siphon with water inlet (inklusive)

		Height [mm]	including feet [mm]	including support [mm]
X	Bathtub	480	615 - 660	595
X	Whirltub	480	600 - 630	

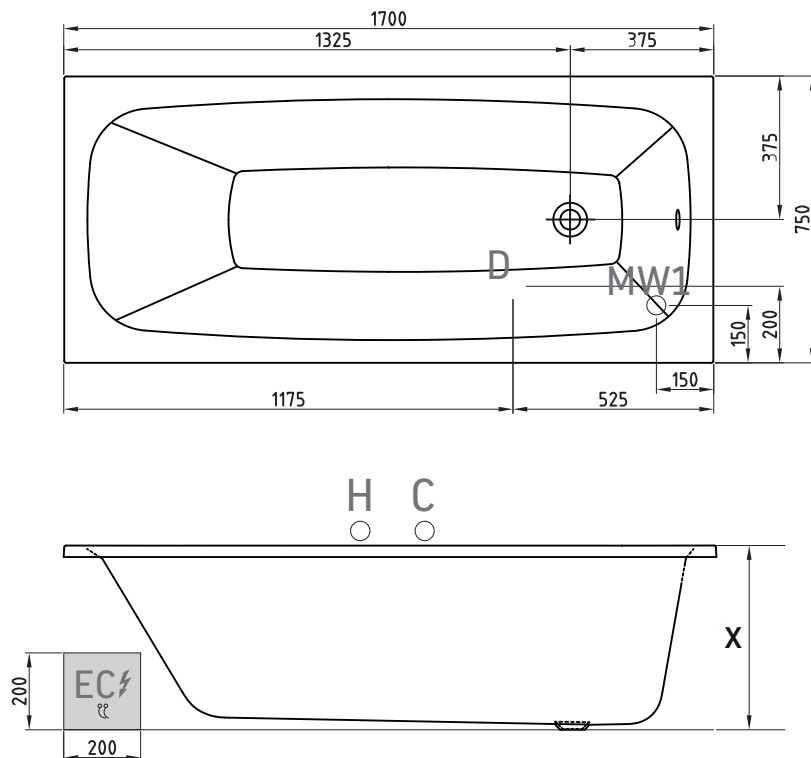
Technical specifications

Net weight [kg]	Floor load [kg/m²]	Shipping weight [kg]	Shipping dimensions l x w x h [cm]	Drain connection [mm]	Inlet connection (OG) [inch]	Whirlsystem	Model-No.
31	178	31,85	186 x 170 x 73	40/50	1/2"	-	700547 BA 0 00 0000
41,8	187	58,11	84 x 170 x 109	40/50	3/4"	Air-System	760547 BA 0 AS 1000
61,9	204	76	84 x 170 x 109	40/50	3/4"	Combi-System E	760547 BA 0 CE 1000
55,1	198	71,41	84 x 170 x 109	40/50	3/4"	Combi-System P	760547 BA 0 CP 1000
51,6	195	66	84 x 170 x 109	40/50	3/4"	Jet-E	760547 BA 0 JE 1000
45,6	190	61,91	84 x 170 x 109	40/50	3/4"	Jet-System	760547 BA 0 JS 1000

Pre-installation Aurena

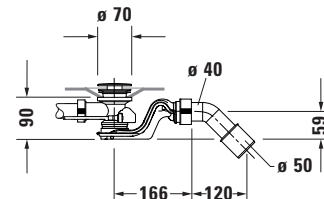
#700548 / #760548

| < 1700 x 750 > |

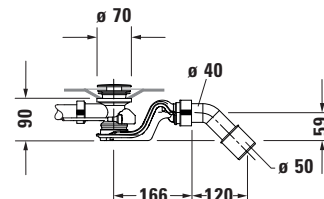


- H: Hot water connection
 C: Cold water connection
 D: Drain connection
 MW: Mixed water connection for water inlet
 EC : Electricity connection

Bathtub

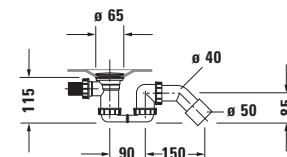


Siphon #792202

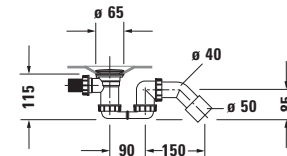


Siphon with water inlet #792203

Whirltub



Siphon (inklusive)



Siphon with water inlet (inklusive)

		Height [mm]	including feet [mm]	including support [mm]
X	Bathtub	480	615 - 660	595
X	Whirltub	480	600 - 630	

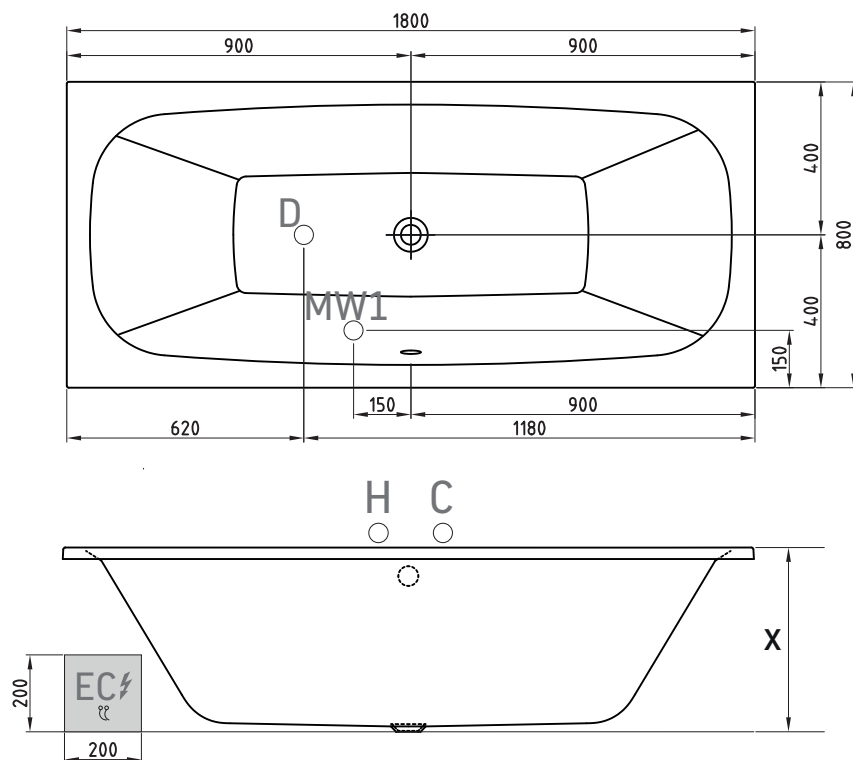
Technical specifications

Net weight [kg]	Floor load [kg/m²]	Shipping weight [kg]	Shipping dimensions l x w x h [cm]	Drain connection [mm]	Inlet connection (OG) [inch]	Whirlsystem	Model-No.
32	176	32,9	186 x 170 x 78	40/50	1/2"	-	700548 BA 0 00 0000
42,8	185	59,11	84 x 170 x 109	40/50	3/4"	Air-System	760548 BA 0 AS 1000
62,9	201	78	84 x 170 x 109	40/50	3/4"	Combi-System E	760548 BA 0 CE 1000
56,1	195	72,41	84 x 170 x 109	40/50	3/4"	Combi-System P	760548 BA 0 CP 1000
52,6	193	68	84 x 170 x 109	40/50	3/4"	Jet-E	760548 BA 0 JE 1000
46,6	188	62,91	84 x 170 x 109	40/50	3/4"	Jet-System	760548 BA 0 JS 1000

Pre-installation Aurena

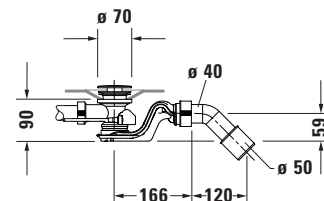
#700550 / #760550

|< 1800 x 800 >|

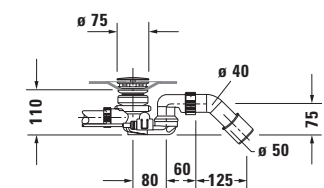


- H: Hot water connection
 C: Cold water connection
 D: Drain connection
 MW: Mixed water connection for water inlet
 EC : Electricity connection

Bathtub

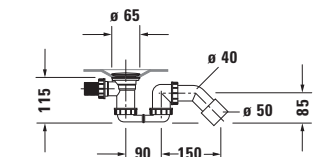


Siphon #792202

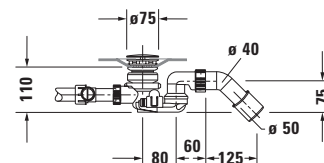


Siphon with water inlet #792203

Whirltub



Siphon (inklusive)



Siphon with water inlet (inklusive)

		Height [mm]	including feet [mm]	including support [mm]
X	Bathtub	480	615 - 660	600
X	Whirltub	480	600 - 630	

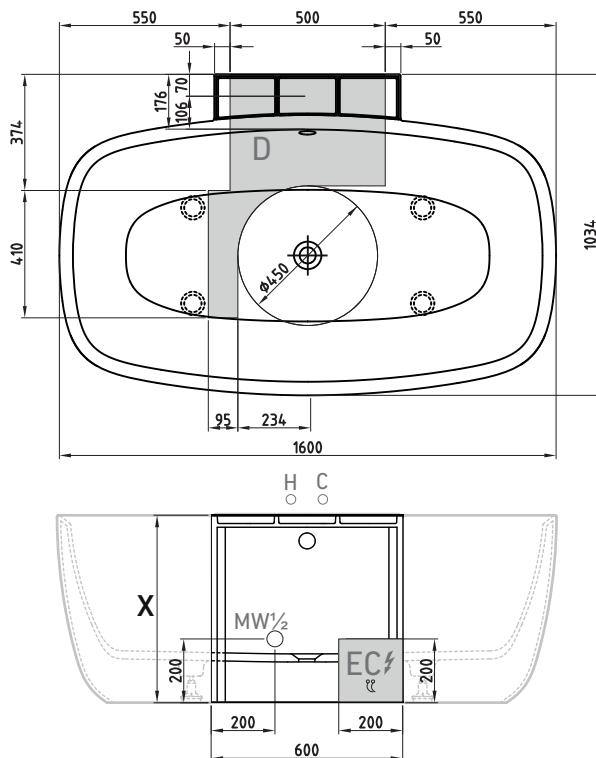
Technical specifications

Net weight [kg]	Floor load [kg/m²]	Shipping weight [kg]	Shipping dimensions l x w x h [cm]	Drain connection [mm]	Inlet connection (OG) [inch]	Whirlsystem	Model-No.
35,5	171	36,5	196 x 180 x 83	40/50	1/2"	-	700550 BA 0 00 0000
46,3	179	62,61	84 x 180 x 109	40/50	3/4"	Air-System	760550 BA 0 AS 1000
66,4	193	81	84 x 180 x 109	40/50	3/4"	Combi-System E	760550 BA 0 CE 1000
59,6	188	75,91	84 x 180 x 109	40/50	3/4"	Combi-System P	760550 BA 0 CP 1000
56,1	185	71	84 x 180 x 109	40/50	3/4"	Jet-E	760550 BA 0 JE 1000
50,1	181	66,41	84 x 180 x 109	40/50	3/4"	Jet-System	760550 BA 0 JS 1000

Pre-installation Aurena

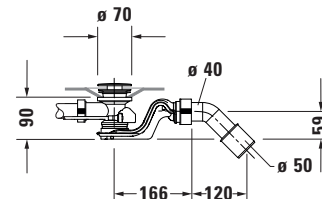
#700551 / #760551

|< 1600 x 1035 >|

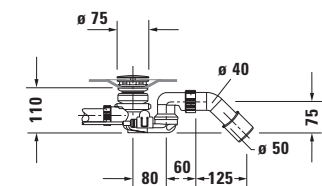


- H: Hot water connection
- C: Cold water connection
- D: Drain connection
- MW: Mixed water connection for water inlet
- EC : Electricity connection

Bathtub

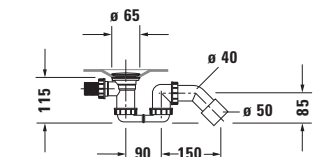


Siphon #792202

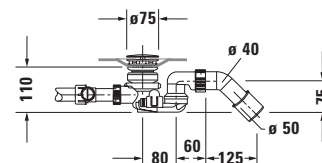


Siphon with water inlet #792203

Whirltub



Siphon (inklusive)



Siphon with water inlet (inklusive)

		Height [mm]	including feet [mm]	including support [mm]
X	Bathtub	605	605	-
X	Whirltub	605	605	-

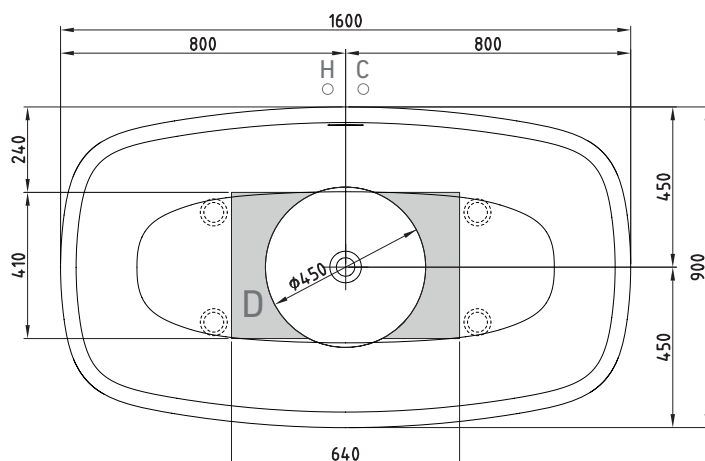
Technical specifications

Net weight [kg]	Floor load [kg/m ²]	Shipping weight [kg]	Shipping dimensions l x w x h [cm]	Drain connection [mm]	Inlet connection (OG) [inch]	Whirlsystem	Model-No.
124	229	135	84 x 160 x 109	40/50	3/4", 1/2"	-	700551 00 0 00 0000
130,5	233	146,81	84 x 160 x 109	40/50	3/4", 1/2"	Air-System	760551 BB 0 AS 1000

Pre-installation Aurena

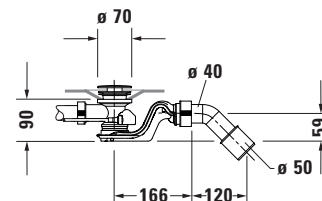
#700552

|< 1600 x 900 >|

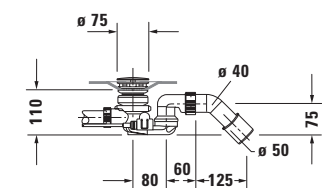


- H: Hot water connection
C: Cold water connection
D: Drain connection

Bathtub



Siphon #792202



Siphon with water inlet #792203

	Height [mm]	including feet [mm]	including support [mm]
Bathtub	600	600	-

Technical specifications

Net weight [kg]	Floor load [kg/m ²]	Shipping weight [kg]	Shipping dimensions l x w x h [cm]	Drain connection [mm]	Inlet connection (OG) [inch]	Whirlsystem	Model-No.
125	285	136	84 x 160 x 109	40/50	3/4", 1/2"	-	700552 00 0 00 0000

DURAVIT AG
P.O. Box 240
Werderstr. 36
78132 Hornberg
Germany
Phone +49 78 33 70 0
Fax +49 78 33 70 289
info@duravit.com
www.duravit.com

