

TEP431.01 SPECIFICATIONS

pure·2 electronica in-wall thermostatic tubfiller with handshower

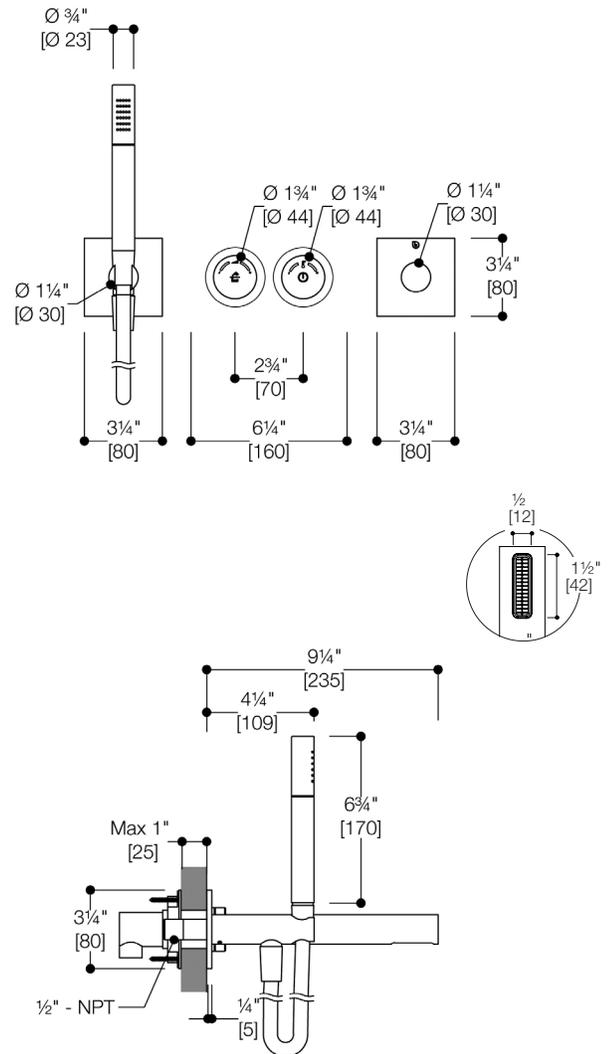
FEATURES:

- In-wall thermostatic tubfiller and handshower with electronic valve controls
- Includes 42" smooth Neoperl shower hose with conical swivel connection
- Standard 9" spout projection with customized laminar flow
- Spout interchangeable with handshower
- Touch control allows for easy on/off, with LED-light ring providing a visual temperature indicator
- Three individualized presets that allow for quick access to desired temperatures
- Flow sensor allows user to preset volume up to 132G/500L, ensuring automatic shut-off once tub has been filled to preset volume
- Durable, polished chrome finish and sleek design
- Cleaning mode allows you to temporarily switch off electronic components for easy & safe cleaning
- Safety stop provides scald protection 120°F/50°C
- Requires DUO·1 bathtub control mixer TEE030 (see attached)
- Optional spout lengths available



SPECIFICATIONS:

Recommended:	14.5-72.5 psi (1-5 bar)
Water Supply:	
Operating pressure max:	145 psi (10 bar)
Test Pressure:	232 psi (16 bar)
Difference of input pressure:	< 14.5 psi (1 bar)
Flow rate:	9.0 gpm @ 60 psi handshower 2.0 gpm @ 80 psi
Connections:	
Inlet:	2x 1/2" female thread
Outlet:	2x 1/2" female thread
Temperatures:	
Operating environment:	4-40°C / 40-140°F
Humidity:	max. 95% (non-condensing)
Electricity:	
Line voltage:	100-240V AC / 50~60 Hz
Frequency:	50/60Hz
Power:	stand by: <1W max: <45W
Warranty:	Limited lifetime tapware warranty (residential) Five year electronic part warranty (residential) One year warranty (commercial)
Material:	Brass body
Finish:	Polished chrome
Weight:	7.5lbs (3kg)
Shipping dimensions:	(LWH) 18" x 12" x 4 3/4" (460mm x 310mm x 120mm)



FOR PURCHASE SEPARATELY:



***Required DUO·1 control mixer TEE030 (specs attached)**

*Approximate measurements for comparison only.
Note: These dimensions and specifications are subject to change without notice.

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INSTALLATION

Our products must be installed by certified professionals only and according to our installation guide as well as federal, provincial/state and local building codes and regulations. Installation must allow for future access to control box for maintenance purposes. This work must be carried out in accordance with the regulations IEC 364-7-701-1984 (corresponding to VDE 0100 Part 701) as well as all national local regulations.

Any electrical installation work must only be performed by a qualified electrician.

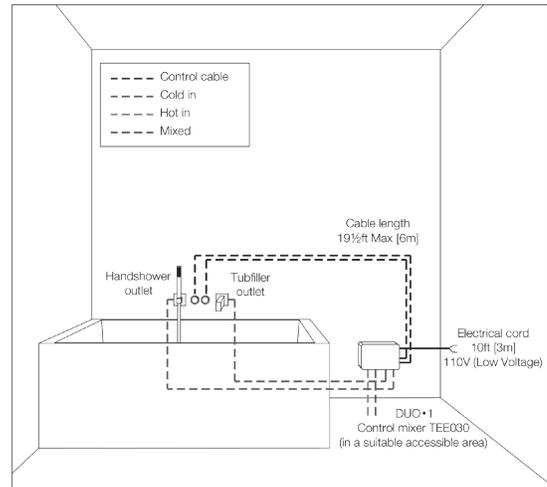
SAFETY NOTES:

- Prevent danger resulting from damaged power supply cables. In the case of damage, the power supply cable must be replaced by the manufacturer or his customer service department or an equally qualified person.
- Installation is only possible in frost-free rooms. The optional power supply unit is only suitable for indoor use.
- The plug-in connectors must not be directly or indirectly sprayed with water when cleaning.
- The voltage supply must be separately switchable.
- The maximum permissible distance between the electronic controller and the functional unit is 19½ feet (6m).
- If the static pressure exceeds (72.5 psi), a pressure reducing valve must be fitted.

CODES / STANDARDS APPLICABLE:

- Meets or exceeds ANSI / ASME standard A112.18.1 and CAN / CSA B125.1-05 requirements
- IAPMO/ UPC / cUPC
- Calgreen compliant
- AB1953 compliant

QUICK-REF WALL-MOUNT INSTALLATION:



NOTE:

Power cable must not be left exposed. Please refer to the installation guide.



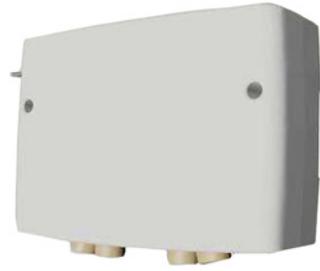
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TEE030 SPECIFICATIONS

DUO·1 electronica two outlet thermostatic bathtub control mixer

FEATURES:

- Two outlet thermostatic bathtub control mixer
- Easy installation, template provided and only two screws required
- Internal back-up rechargeable battery included, providing continuous usage during temporary power outages
- Fail-safe design with multiple back-up microprocessors
- Includes Flühs ceramic valves with redundant shut-offs for leak protection and long lasting reliability
- Flow sensor allows user to preset volume up to 132G/500L, ensuring automatic shut-off once tub has been filled to preset volume
- Quick-connect adaptors provide easy rough plumbing installation & removal
- Compatible with optional WLAN module (TEE005) to control bath with iPhone or iPad using existing wifi network



SPECIFICATIONS:

Dimensions: 10¼" W x 7" H x 3" D
Recommended: 14.5-72.5 PSI (1-5 bar)

Water Supply:

Operating pressure max: 145 PSI (10 bar)
Test Pressure: 232 PSI (16 bar)
Difference of input pressure: < 14.5 PSI (1 bar)

Flow rate: 8.0 gpm @ 60 PSI

Cartridge type: Flühs ceramic

Connections:

Inlet: 2x ½" female thread
Outlet: 2x ½" female thread

Temperatures:

Operating environment: 4-40°C / 40-104°F
Relative humidity: max. 95% (non-condensing)

Electricity:

Line voltage: 100-240V AC / 50~60 Hz
Frequency: 50/60Hz
Power: stand by: <1W
max: <45W/0.375 Amp

Warranty:

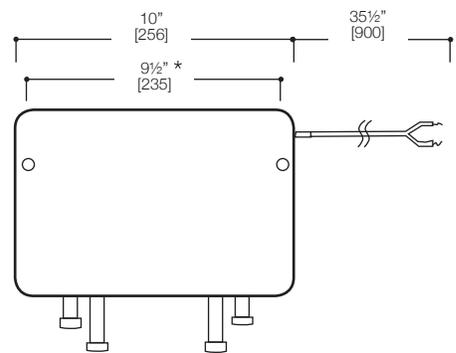
Five year electronic part warranty (residential)
(warranty does not cover the life of the battery)
One year warranty (commercial)

Weight:

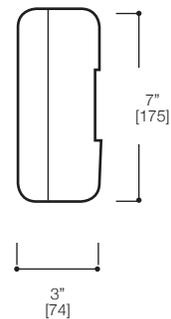
6lbs (2.7kg)

Shipping dimensions:

(WHD) 15¾" x 11¾" x 3½"
(400mm x 300mm x 90mm)



* mounting holes



INSTALLATION:

Control mixer to be plugged into a direct power source. Installation must allow for future access to control mixer for maintenance purposes. This work must be carried out in accordance with the regulations IEC 364-7-701-1984 (corresponding to VDE 0100 Part 701) as well as all national local regulations.

Any electrical installation work must only be performed by a qualified electrician.

*Approximate measurements for comparison only.
Note: These dimensions and specifications are subject to change without notice.

TEE030 SPECIFICATIONS

DUO·1 electronica two outlet thermostatic bathtub control mixer

SAFETY NOTES:

- Prevent danger resulting from damaged power supply cables. In the case of damage, the power supply cable must be replaced by a qualified person.
- Two-prong plug must be hardwired into a standard direct power source.
- Installation is only possible in frost-free rooms. The optional power supply unit is only suitable for indoor use. This product is not waterproof, however, the design incorporates a channel to allow for removal of condensation.
- The plug-in connectors must not be directly or indirectly sprayed with water when cleaning.
- The voltage supply must be separately switchable.
- The maximum permissible distance between the electronic controller and the functional unit is 19½ feet (6m).
- If the static pressure exceeds (72.5 PSI), a pressure reducing valve must be fitted.
- Installer must ensure the control mixer is positioned in the correct manner according to installation guide.

APPROVAL & CONFORMITY:

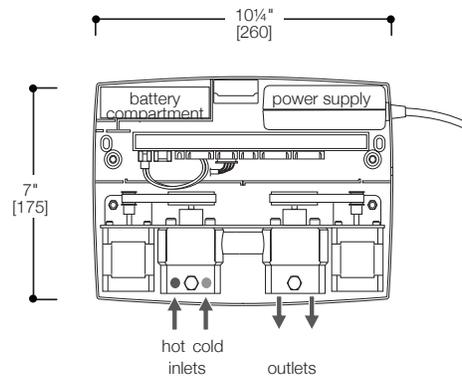
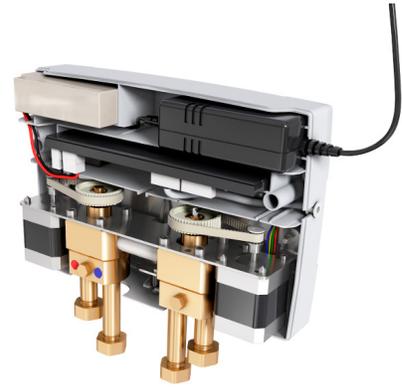
This device complies with part 15 of the FCC Rules (USA) and with the RSS of the IC Rules (Canada).

Operation is subject to the following two conditions:

This device may not cause harmful interference, and this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance may void the user's authority to operate the equipment.

CODES / STANDARDS APPLICABLE:

- Meets or exceeds ANSI / ASME standard A112.18.1 and CAN /
- CSA B125.1-05 requirements
- IAPMO/ UPC / cUPC
- AB1953 compliant
- Calgreen compliant



*Approximate measurements for comparison only.
Note: These dimensions and specifications are subject to change without notice.