

TA-COMFORT-W



Prefabricated units

Heating interface unit for hot water services

TA-COMFORT-W

All in one design with STAP differential pressure controller maintaining bypass with IMI Heimeier RTL valves and/or thermostatic mixing valve.

Key features

> **Complete systems for decentralised hot water distribution**

Producing hot water via the heat exchanger. Connection for additional radiators.

> **Considerable savings in installation costs**

Central risers and decentralised distribution. Domestic hot water flow and return pipes are no longer required.

> **Lower maintenance costs**

No additional costs for consumption settlement, each unit is recorded separately.

> **One substation for all application scenarios**

Through the modular design of the substation it offers an easy adaption to different application. By the aid of accessories it can be converted to fit in different application scenarios like the need for hot water circulation, a hot water temperature limitation or scalding protection.



Technical description

Applications:

Supply of hot as well as cold water to apartments in multiple-dwelling buildings with decentralized consumption accounting.

Dimensions:

Draw-off volume 17 l/min when heating hot water.

Normal conditions with:

Heating supply pipe: 65°C

Cold water inlet: 10°C

Hot water outlet: 50°C

Cold water pressure: min. 3 bar

Pressure class:

PN 10

Temperature:

Max. working temperature: 90°C

Material:

Heat exchanger: Copper soldered stainless steel AISI 316

PM regulator: DZR brass

STAP: AMETAL®

Piping material: Stainless steel AISI 316L.

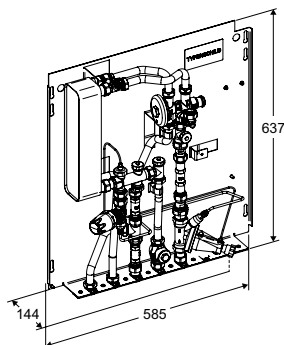
Capillary pipes: Copper

Cabinets: Powder-coated sheet steel

General:

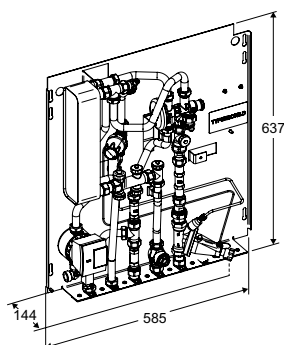
More information on STAP and RTL – see separate technical leaflets.

Articles



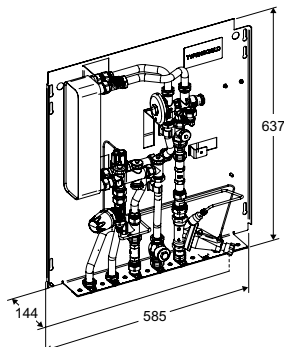
TA-COMFORT-W for drinking hot water purpose

Max. output service water Q [kW]	Draw-off volume (10/50°C) [l/min]	Heat exchanger	Max. pressure loss without heat meter [kPa]	EAN	Article No
46	17	E8LASHx42/1P	40	5902276834707	344030-10001



TA-COMFORT-W for drinking hot water purpose with hot water circulation

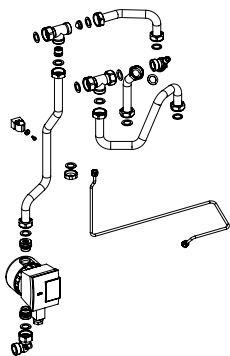
Max. output service water Q [kW]	Draw-off volume (10/50°C) [l/min]	Heat exchanger	Max. pressure loss without heat meter [kPa]	EAN	Article No
46	17	E8LASHx42/1P	40	5902276834738	344030-10004



TA-COMFORT-W for drinking hot water purpose with thermostatic mixing valve (TMV)

Max. output service water Q [kW]	Draw-off volume (10/50°C) [l/min]	Heat exchanger	Max. pressure loss without heat meter [kPa]	EAN	Article No
46	17	E8LASHx42/1P	40	5902276834714	344030-10002

Accessories – Modules



Circulation module

With circulation pump and piping kit with sealings.

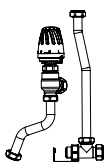
For retrofitting in all TA-COMFORT units.

EAN

5902276834936

Article No

344030-40025



Primary control valve (return temperature limiter module)

For hot water temperature control with thermostatic control valve and piping kit with sealings.

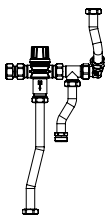
For retrofitting in all TA-COMFORT units.

EAN

5902276834943

Article No

344030-40026



Temperature mixing valve module

For hot water temperature control and scalding protection with thermostatic hot water mixer and pipe installation kit with sealings.

For retrofitting in all TA-COMFORT units.

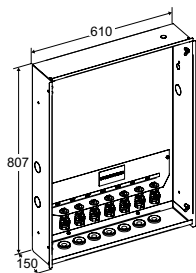
EAN

5902276834950

Article No

344030-40027

Accessories

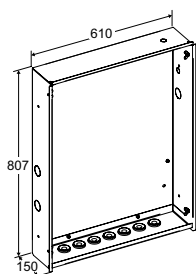


Flush mounted cabinet with cover, drip tray with mounting bracket and 7 ball valves

Ball valves for tap water connection;
3 x male G3/4 for tap water, flat sealing.
4 x female Rp3/4 for heating part,
7 gaskets.
Frame size 662x850 mm
White RAL 9016

T	EAN	Article No
150-240	5902276834929	344030-40024

T = Depth of the complete cabinet

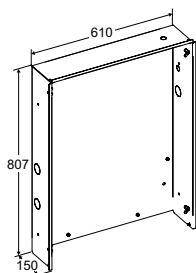


Flush mounted cabinet with cover, drip tray

Frame size 662x850 mm
White RAL 9016

T	EAN	Article No
150-240	5902276835025	344030-40034

T = Depth of the complete cabinet

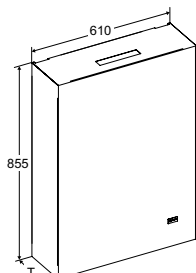


Flush mounted cabinet with cover

Frame size 662x850 mm
White RAL 9016

T	EAN	Article No
150-240	5902276834998	344030-40031

T = Depth of the complete cabinet

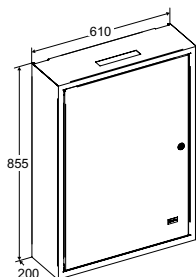


Wall mounted cabinet

White RAL 9016

T	EAN	Article No
200	5902276834912	344030-40023
260	5902276834981	344030-40030

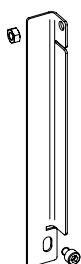
T = Depth of the complete cabinet



Wall mounted cabinet with door

White RAL 9016

EAN	Article No
5902276834974	344030-40029



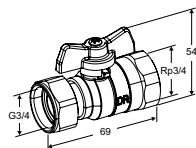
Cover safe for wall mounted cabinets

EAN	Article No
5902276835117	344030-40061



Lock with key

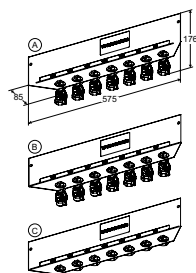
EAN	Article No
5902276835124	344030-40062



Ball valves

Straight: With swivelling nut and flat sealing for the station side.
 Angle: With cylindric external thread and flat sealing for the station side.

Type	EAN	Article No
Straight Male G3/4	5902276835056	344030-40054
Straight Female Rp3/4	5902276835063	344030-40055
Angle Male R3/4	5902276835070	344030-40056



Subbase with 7 ball valves

- A.** 7 x female Rp3/4
- B.** 3 x male G3/4 and 4 x female Rp3/4
- C.** Subbase without ball valves (plugged)

	EAN	Article No
A 7 x Rp3/4	5902276834967	344030-40028
B 3 x G3/4 + 4 x Rp3/4	5902276896439	344030-40046
C 7 x plugs	5902276896170	344030-40047

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