

Climate  
Control

IMI TA

# 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

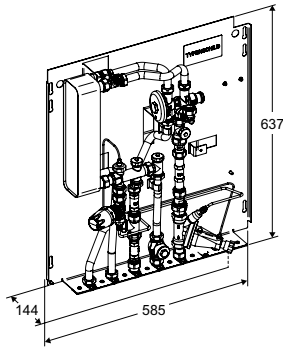
### Material:

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.

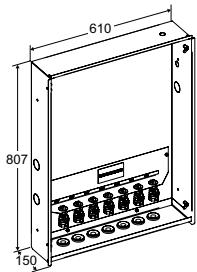
## Articles



### 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

## Accessories

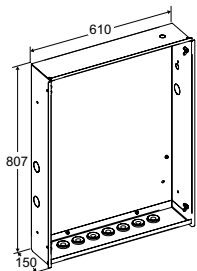


### Flush mounted cabinet with cover, drip tray with mounting bracket and 7 ball valves

Ball valves for tap water connection;  
3 x external G3/4 for tap water, flat sealing.  
4 x internal 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

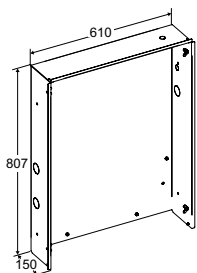


### Flush mounted cabinet with cover, drip tray

Frame size 662x850 mm  
White RAL 9016

T	EAN	Article No
150-240	5902276835025	344030-40034

T = Depth of the complete cabinet

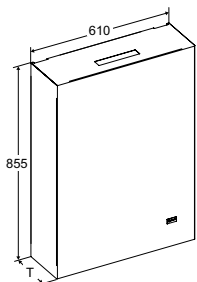


### Flush mounted cabinet with cover

Frame size 662x850 mm  
White RAL 9016

T	EAN	Article No
150-240	5902276834998	344030-40031

T = Depth of the complete cabinet

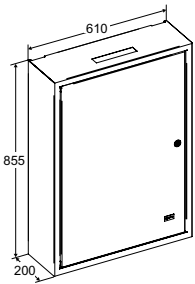


### Wall mounted cabinet

White RAL 9016

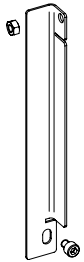
T	EAN	Article No
200	5902276834912	344030-40023
260	5902276834981	344030-40030

T = Depth of the complete cabinet



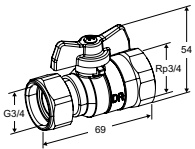
**Wall mounted cabinet with door**  
White RAL 9016

EAN	Article No
5902276834974	344030-40029



**Cover safe for wall mounted cabinets**

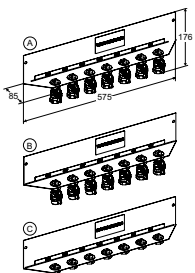
EAN	Article No
5902276835117	344030-40061



**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 internal Rp3/4
- B. 3 x external G3/4 and 4 x internal 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