

PHB 18

CONVENIENCE INSTANTANEOUS WATER
HEATER

PRODUCT-NO.: 233999

The main features

Hydraulically controlled instantaneous water heater for close to consistent water temperatures

4 output stages - 2 manually selectable, 2 hydraulically controlled, depending on flow rate

Pressure-controlled safety concept

Effective bare wire heating system





Type	PHB 13	PHB 18	PHB 21
Part no.	233998	233999	234000
Height	485 mm	485 mm	485 mm
Width	226 mm	226 mm	226 mm
Depth	93 mm	93 mm	93 mm

Technical data

Rated voltage 1	380 V	380 V	380 V
Rated voltage 2	400 V	400 V	400 V
Rated output 1	12,2 kW	16,2 kW	19 kW
Rated output 2	13,5 kW	18 kW	21 kW
Rated output 400 V stage I min.	4,6 kW	6,3 kW	7,4 kW
Rated output 400 V stage I max.	10,6 kW	14,3 kW	16,8 kW
Rated output 400 V stage II min.	6,8 kW	9,2 kW	10,8 kW
Rated output 400 V stage II max.	13,5 kW	18 kW	21 kW
Rated current 1	18,5 A	24,7 A	29,5 A
Rated current 2	19,5 A	26 A	31 A
Fuse 1	20 A	25 A	32 A
Fuse 2	20 A	25 A	32 A
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Phases	3/PE	3/PE	3/PE
Specific resistance $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} \leq 25$ °C)	900 Ω cm	900 Ω cm	900 Ω cm
Specific conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 25$ °C)	1111 $\mu\text{S/cm}$	1111 $\mu\text{S/cm}$	1111 $\mu\text{S/cm}$
Energy efficiency class	A	A	A
IP-Rating	IP25	IP25	IP25
Colour	white	white	white

Weight

3,6 kg

3,6 kg

3,6 kg



Type	PHB 24
Part no.	234001
Height	485 mm
Width	226 mm
Depth	93 mm

Technical data

Rated voltage 1	380 V
Rated voltage 2	400 V
Rated output 1	21,7 kW
Rated output 2	24 kW
Rated output 400 V stage I min.	8,3 kW
Rated output 400 V stage I max.	19 kW
Rated output 400 V stage II min.	12,2 kW
Rated output 400 V stage II max.	24 kW
Rated current 1	33,3 A
Rated current 2	35 A
Fuse 1	35 A
Fuse 2	35 A
Frequency	50/60 Hz
Phases	3/PE
Specific resistance $\rho_{15} \geq$ (at $\vartheta_{\text{cold}} \leq 25$ °C)	900 Ω cm
Specific conductivity $\sigma_{15} \leq$ (at $\vartheta_{\text{cold}} \leq 25$ °C)	1111 $\mu\text{S}/\text{cm}$
Energy efficiency class	A
IP-Rating	IP25
Colour	white

Weight

3,6 kg
