# PWI/PWS 6302C
# ECOOL AIR/WATER HEAT EXCHANGER 3000 W



## PWI: for partially recessed mounting in the door or side
## PWS: for outer mounting on the door or side

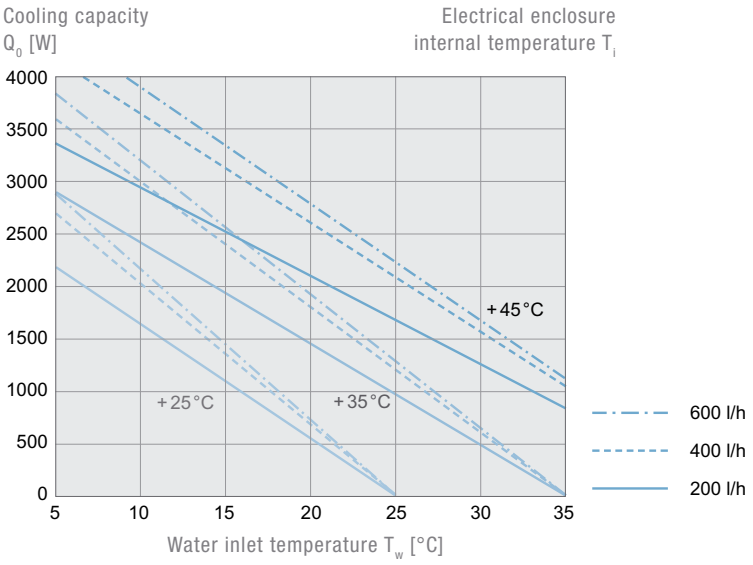
- offers the highest degree of safety and energy efficiency
- cut-out compatible with **ECOOL** system e.g. for air/air heat exchanger and cooling units
- easy mounting with click and fit system for partially sunk-in version PWI
- maintenance-free
- integrated thermostat and solenoid valve for temperature control
- integrated temperature monitoring with alarm contact

| PRODUCT | | PWI 6302C | | | PWS 6302C | | | |
|---|---|---|---|---|---|---|---|---|
| ARTICLE NO. | | 12892609055 | 12892601055 | 12892604055 | 12882609055 | 12882601055 | 12882604055 | Unit |
| DATA | | | | | | | | |
| Rated voltage ±10 % | | AC 50 I 60 | | AC 60 | AC 50 I 60 | | AC 60 | Hz |
| | | 400 | 230 | 115 | 400 | 230 | 115 | V |
| Cooling capacity @ 400 l/h | W10/A35 | 3000 | | | | | | W |
| Power consumption | W10/A35 | 78 I 78 | 91 I 115 | 150 | 78 I 78 | 95 I 115 | 150 | |
| Current consumption | W10/A35 | 0.36 I 0.35 | 0.43 I 0.51 | 1.32 | 0.36 I 0.35 | 0.43 I 0.51 | 1.32 | A |
| Starting current | W10/A35 | 0.56 I 0.75 | | 1.54 | 0.56 I 0.75 | | 1.54 | |
| Unimpeded airflow (free flow) | internal | 945 | | 1050 | 945 | | 1050 | m³/h |
| Pre fuse T | | 2 | | | | | | A |
| Type of connection | electro | spring-type terminal included with plug | | | | | | |
| | fluid | 13 mm hose nozzle I other connectors on request | | | | | | |
| Noise level according to EN ISO 3741 | | 54 | | | | | | dB (A) |
| Weight (without packaging) | | 20 | 18 | 15.5 | 21 | 19 | 18.5 | kg |
| Ambient temperature range | | > +1 ... +70 I > +34 ... +158 | | | | | | °C I °F |
| Control range (adjustable) | | +8 ... +50 I +47 ... +122; factory setting +35 I +95 | | | | | | |
| Water inlet temperature | | > +1 ... +35 I > +34 ... +95 | | | | | | |
| Permissible operating pressure | | max. 10 | | | | | | bar |
| Duty cycle | | 100 | | | | | | % |
| Condensate management | | condensate drain | | | | | | |
| Protection system according to EN 60529 | IP 55 | towards the electrical enclosure if used as intended by the manufacturer | | | | | | |
| Design | housing | galvanised steel I electrostatically powder coated (200 °C) I stainless steel on request | | | | | | |
| | heat exchanger | copper pipe with aluminium fins I stainless steel piping on request | | | | | | |
| Colour | cover | RAL 7035 I different colours available on request | | | | | | |

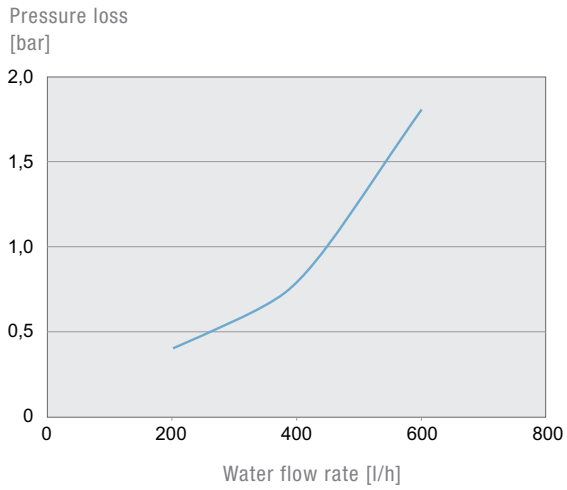
| ACCESSORIES | Piece | ARTICLE NUMBER |
|---|---|---|
| External condensate evaporation system | 1 | 18314000001 |
| Condensate bottle | 1 | 18314000100 |

**For additional models, options and voltages visit www.pfannenberg.com or contact us directly.**

## Cooling capacity performance curves




## Pressure loss performance curve




## Dimensions

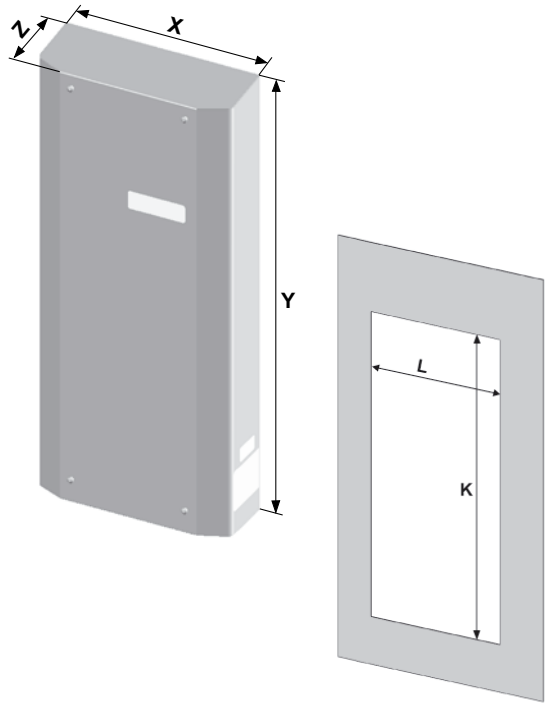
| PWI | X | Y | Z1 | Z2 | K | L |
|---|---|---|---|---|---|---|
| mm | 410 | 938 | 82 | 60 | 900 | 378 |

PWI variants partially recessed by 60 mm after installation

| PWS | X | Y | Z | A | B | C | D | E | F |
|---|---|---|---|---|---|---|---|---|---|
| mm | 410 | 945.5 | 142 | 662 | 320 | 350 | 280 | 282 | 55 |

Mounting holes Ø 8 mm and cut-out radii R10

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