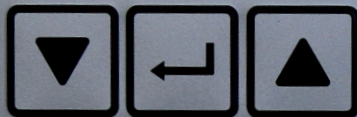
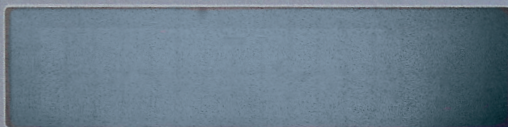
 termotek

# piko series

AIR-WATER / WATER-WATER CHILLER SYSTEMS

Member of  
the technotrans group

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gds  
termotek  
klh  
gwk  
reisner

 termotek

# piko series

## AIR-WATER / WATER-WATER CHILLER SYSTEMS FROM 250 W TO 3,500 W

| model PI  |                                  |       | 0017                              | 0033 | 0057 | 0072 | 0093 | 0121 | 0210 | 0300 |
|---|----------------------------------|-------|-----------------------------------|------|------|------|------|------|------|------|
| cooling capacity<br>(standard pump by<br>4 l/min and 3,5 bar) | @20 °C flow, 20 °C ambient       | W     | 300                               | 400  | 720  | 900  | 1150 | 1620 | 2400 | 3500 |
|   | @20 °C flow, 35 °C ambient       | W     | 170                               | 330  | 570  | 720  | 930  | 1210 | 2100 | 3000 |
| temperature stability   |                                  | K     | ≤ 0.1K                            |      |      |      |      |      |      |      |
| dimensions  | width (19" slot) x depth approx. | mm    | 640                               |      |      |      |      |      |      |      |
|   | height (1HE = 44.5 mm)           | HU    | 4                                 | 5    | 6    | 6    | 7    | 7    | 9    | 12   |
|   | weight approx.                   | kg    | 32                                | 36   | 40   | 42   | 50   | 55   | 65   | 90   |
| loop cooling water flow                                       |                                  | °C    | 10 – 35                           |      |      |      |      |      |      |      |
| water-water cooler  | process water temperatur         | °C    | 5 – 25                            |      |      |      |      |      |      |      |
|   | required flow                    | l/min | 5 – 10                            |      |      |      |      |      |      |      |
| power supply  |                                  | V     | 230 V (AC) ± 10 %, more available |      |      |      |      |      |      |      |
| power consumption   |                                  | A     | <2.5                              | <3.2 | <6.5 | <7.0 | <7.5 | <8.0 | <9.0 | <10  |
| operating frequency   |                                  | Hz    | 50 and 60                         |      |      |      |      |      |      |      |
| supply connection   |                                  |       | IEC connector with EMC filter     |      |      |      |      |      |      |      |



### ADVANTAGES AT A GLANCE:

- SIZE AND SERVICE OPTIMIZED 19" CONCEPT
- TEMPERATURE CONTROL (COOLING / HEATING)
- NEW MODULAR CONTROLLER PLATFORM
- TEMPERATURE STABILITY ≤ 0.1K
- SUITABLE FOR A VARIETY OF FLUID MEDIA
- REDUCED NOISE AND VIBRATIONS
- ENERGY EFFICIENT AND SPACE-SAVING
- INNOVATIVE DESIGN
- SERVICE-FRIENDLY FRONT PANEL ACCESS

### RELIABLE AND EFFICIENT

The new controller platform ensures the reliable and uninterrupted monitoring of our cooling systems. It controls the cooling units very precisely and efficiently within the pre-set limits and records all relevant parameters in real-time.

The software included in the scope of delivery enables the evaluation of all readings. Error messages and status reports can be directly transferred to end units and computers via Ethernet or Internet connections. If a malfunction occurs, the error can be diagnosed at any time on site or via remote access.

### EQUIPMENT

- suitable for DI water or water with additives
- flow measurement and monitoring
- adjustable water bypass valve
- remote start via 24V DC signal
- speed-controlled fan
- level indicator
- interface RS 232 etc.

### OPTIONS

- conductivity measurement and control with display
- ambient temperature display
- pressure measurement and display
- heating / temperature control
- cooling capacity measurement
- air filter, water filters, DI-cartridge and pressure relief valve
- interface Ethernet, RS 485 etc.