

# Industrial Cooling System OPTI Series



Cooling from 4 to 30 kW



## Technical Data

| Industrial Cooling System             | OLB 4 | OLB 6 | OLB 8 | OLB 10 | OLB 12 | OLB 16 | OLB 19 | OLB 25 |
|---------------------------------------|-------|-------|-------|--------|--------|--------|--------|--------|
| Nominal cooling capacity [kW]*        | 5.3   | 7.1   | 11.1  | 12.0   | 14.5   | 18.5   | 22.0   | 27.0   |
| Connections                           | 3/4"  | 3/4"  | 3/4"  | 1"     | 1"     | 1 1/4" | 1 1/4" | 1 1/4" |
| Nominal flow rate [m <sup>3</sup> /h] | 0.9   | 1.2   | 1.9   | 2.1    | 2.8    | 3.2    | 3.8    | 4.8    |
| Air flow rate [m <sup>3</sup> /h]     | 2,500 | 2,500 | 2,500 | 2,500  | 6,200  | 8,000  | 8,000  | 8,000  |
| I max. [A] without pumps ca.          | 4.2   | 5.8   | 6.5   | 8.5    | 11.4   | 13.2   | 14.3   | 18.9   |
| Pe nominal [kW] ca.                   | 1.8   | 2.3   | 2.7   | 3.4    | 5.7    | 5.8    | 7.0    | 10.3   |
| Length [mm]                           | 915   | 915   | 1,130 | 1,130  | 1,130  | 1,280  | 1,280  | 1,280  |
| Width [mm]                            | 655   | 655   | 805   | 805    | 805    | 815    | 815    | 815    |
| Height [mm]                           | 1,120 | 1,120 | 1,355 | 1,355  | 1,520  | 1,770  | 1,770  | 1,770  |
| Weight(kg)                            | 140   | 160   | 220   | 225    | 230    | 310    | 315    | 320    |

\* at outlet temperature of 20°C and ambient temperature 32°C

Subject to technical alterations

# Innovative cooling technology for your industrial applications

## Made in Germany

KKT industrial cooling systems are comprised of standard components which are developed, constructed and tested as a modular concept specifically adapted and optimized for the customers' needs. Various performance ranges and models offer additional options for the most varied industrial applications in the areas of machine and tool construction, synthetics and laser technology or surface engineering.

### Characteristics

- Ready for connection, factory tested standard devices in a compact construction
- Flow temperatures adjustable from -2 °C to +30 °C
- Adjustable water pressure and temperature
- Individual special solutions
  - Water-cooled designs and split-level units
  - Energy-saving and sound-proofed designs



*Comprehensive and professional: KKT Service Network*

*ABB, Airbus, Audi, Bergmann & Steffen, BMW, Brose Fahrzeugteile, Buderus, Daimler Chrysler, Ford, Fraunhofer Institut Lasertechnik, Jaguar, Jenoptik, Johnson Control, MTU Aero Engines, PWO, Robert Bosch, Schaeffler, Siemens, Sonopress, Sony, Texas Instruments, ThyssenKrupp, TRW Automotive, Volkswagen, WISCO, ZF Getriebe*

*Some of our references in the field of industrial cooling*



**OLB 25**  
27.0 kW at 20 °C  
outlet temperature  
and 32 °C ambient  
temperature

## KKT KRAUS®

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