

## Product range



**SVK** - Water chiller with a cooling capacity of 15 to 70 kW, with tank and pump. Compact design with high temperature accuracy.



**VWK/1** - Water chiller with a cooling capacity of 2 to 15 kW, with tank and pump. Compact design with high temperature accuracy.



**LWK** - Air-type water recoler without refrigeration system with a cooling capacity of 2 to 2.5 kW, with tank and pump. The low-cost alternative for applications with higher water operating temperatures.



**TRK** - Immersion chiller for cooling lubricants with a cooling capacity of 2 to 75 kW. Service-friendly in maintenance and cleaning.

In addition to our standard product range, we offer you solutions for liquid cooling in all industrial applications.

Our systems are available in compact or split design, air or water cooled.

Continuous-flow coolers and expansions with cleanable plate-type heat exchangers are just as available as versions with special voltages.

Our sales team of engineers and technicians is always available to you for comprehensive consultation. Do not hesitate, we are awaiting your enquiry!

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VWK

VWK  
Shell & Tubes

SVK

TRK

**CHILLY**

VWK  
Desk Unit

LWK

Special



# CHILLY

*Industrial Compact Water Chiller*

*Plug-in water chillers.  
Cooling Capacity from 0,8 bis 4,5 kW*



Competence and Experience in Industrial Cooling Systems

# CHILLY Compact Water Chiller

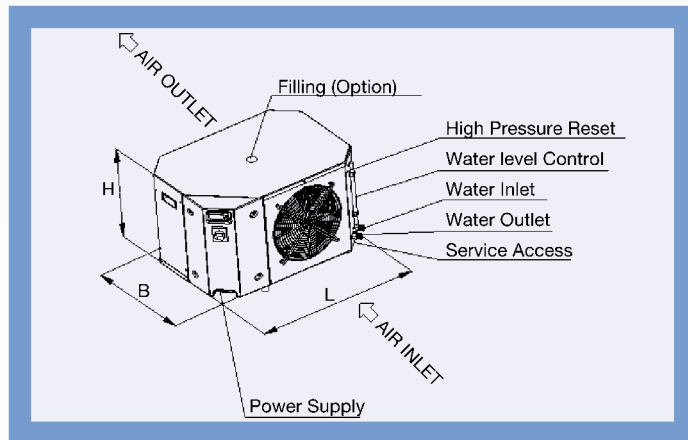
## Standard equipment:

- Waterlevel control outside
- Stainless steel coil evaporator
- High tech. scroll compressor / low noise
- High efficiency air cooled condensor
- Digital thermostat hysteresis +/- 1,0 K
- Refrigerant circuit with TÜV approved high pressure switch
- Chiller IP 44
- Operating temperature max. 42° C ambient
- Plastic water tank
- Draining through water level control
- Environment friendly refridgerant R 407 c
- Internal by-pass for pump protection
- Non ferrous water circuit
- CE-Standard / ISO 9001 / EN 60204
- Grundfos/Speck pumps
- Water connection quick cuppling



## Options:

- Water outlet manometer
- Waterlevel switch for pump-protection
- Common alarm (potetial free)
- 2 x water inlet / outlet
- Special voltage
- Flow switch
- Autom. fresh water supply
- By-Pass valve
- Non return valve + magnetic valve



# Technical data

## Cooling capacities

| Temperatures |       | Chilly 08                  | Chilly 15 | Chilly 25 | Chilly 35 | Chilly 45 |
|--------------|-------|----------------------------|-----------|-----------|-----------|-----------|
| Ambient air  | Water | Cooling capacities in Watt |           |           |           |           |
| 32° C        | 10    | 530                        | 920       | 2100      | 2740      | 3750      |
|              | 15    | 775                        | 1290      | 2450      | 3565      | 4525      |
|              | 20    | 1025                       | 1655      | 2810      | 4395      | 5480      |
| 37° C        | 10    | 345                        | 675       | 1645      | 2240      | 3450      |
|              | 15    | 615                        | 1050      | 2060      | 3080      | 4395      |
|              | 20    | 890                        | 1425      | 2475      | 3920      | 5340      |
| 42° C        | 10    | 205                        | 450       | 1390      | 1740      | 3045      |
|              | 15    | 480                        | 765       | 1810      | 2580      | 3870      |
|              | 20    | 755                        | 1085      | 2230      | 3420      | 4690      |

## Specifications

|                                   |         | Chilly 08                    | Chilly 15 | Chilly 25 | Chilly 35 | Chilly 45 |
|-----------------------------------|---------|------------------------------|-----------|-----------|-----------|-----------|
| Refrigerant                       |         | R 407 c environment friendly |           |           |           |           |
| Power consumption compressor max. | kW      | 0,56                         | 0,83      | 1,31      | 1,64      | 2,08      |
| Power consumption max.            | kW      | 0,71                         | 1,11      | 1,59      | 2,52      | 2,98      |
| Current max.                      | A       | 5,1                          | 5,9       | 10,0      | 12,3      | 13,3      |
| Power supply                      | V/PH/Hz | 230/1/50                     | 230/1/50  | 230/1/50  | 230/1/50  | 230/1/50  |
| Air flow rate max.                | m³/h    | 914                          | 1210      | 1020      | 2300      | 2200      |
| Water tank volume                 | ltr.    | 18                           | 18        | 18        | 30        | 30        |
| Water flow                        | l/min.  | 2,3                          | 4,3       | 7,2       | 10,0      | 12,9      |
| Water pressure                    | bar (g) | 2,2                          | 3,6       | 2,9       | 2,6       | 2,3       |
| Water connection inlet / outlet   | Zoll    | 3/8                          | 3/8       | 3/8       | 3/8       | 3/8       |
| Sound pressure (1)                | dB (A)  | 62,2                         | 63,6      | 64,8      | 71,7      | 69,8      |
| Length (L)                        | mm      | 705                          | 705       | 705       | 755       | 755       |
| Width (B)                         | mm      | 510                          | 510       | 510       | 600       | 600       |
| Height (H)                        | mm      | 450                          | 450       | 450       | 500       | 500       |
| Weight (approx.) without water    | kg      | 49                           | 55        | 65        | 81        | 90        |

(1) Freefield measurement at 1,0 m distance  
Specifications subject to change