

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 recooler 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!

F & R PRODUCTS
 WELLINGTON
 TA21 0BD · SOMERSET U.K.
 Tel: 01823 663281
 Fax: 01823 664378

Email: colin.frproducts@btinternet.com

- 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



CHILLY Compact Water Chiller

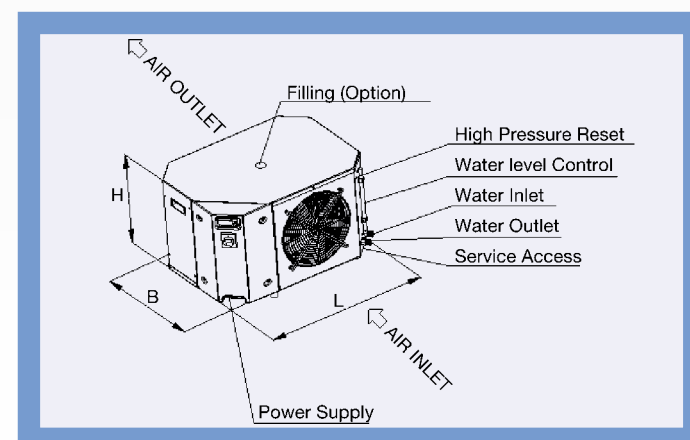
Standard equipment:

- 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 reffridgerant 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