



# ChillKit S

Technology For Cooling  
Compact Integrated Cooling System



Do you build equipment that generates heat? Do you keep operating head in a good shape? Then a reliable cooling system is critical. Instead of building own cooling loop and taking care of design, leaking, testing, number of new vendors, etc. - why not to implement our compact solution? It will make the job and takes lots of problems out of your mind. Our modular design can be adjusted to your requirements. Flow and fan speed can be adjusted to get appropriate cooling vs noise and power consumption. Be smart - outsource the entire cooling loop!

- ✓ Compact size
- ✓ Customization possible
- ✓ Plug and Play
- ✓ Easy implementation
- ✓ Reliability



„...Designed to be cool...”



**SPECIFIC**

Designed for you

IDEATION



**MEASURABLE**

Impacts your business

DESIGNING



**ACHIEVABLE**

From idea to success

PROTOTYPING



**RELEVANT**

Serves your application

TESTING



**TIME-BOUND**

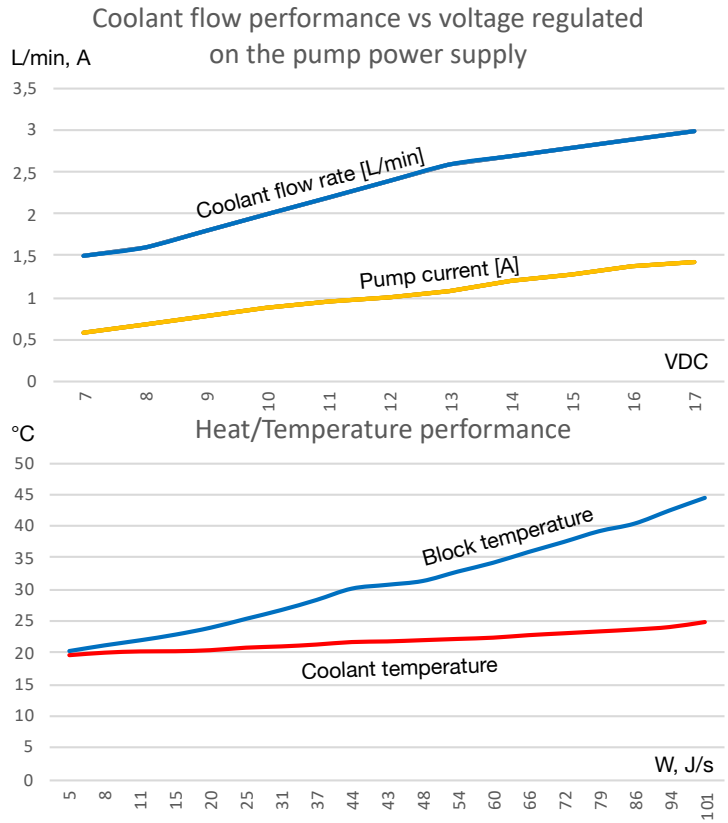
Built on time

MANUFACTURING

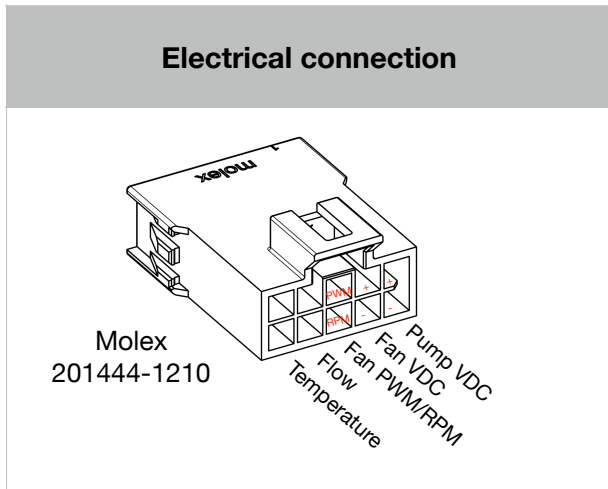


OEMSYS Sp. z o.o.  
Fabryczna 1  
34-600 Limanowa  
Poland

Technical specification	
Operating temperature	0..60°C (0..90°C)
Pump power supply	7..17 VDC
Fan power supply	12 VDC
Fan sensor output	Pulses
Fan speed control	PWM
Max pressure	2 bar
Fan nominal RPM	3800
Sheet material	SS
Flow set point	1,7 L/min
Temperature output*	NTC 10k
Tank capacity	1 l
Expected lifetime	20-30k hours
Built in filtration	100µ
Max flow rate	3* L/min
Approvals	RoHS CE pending

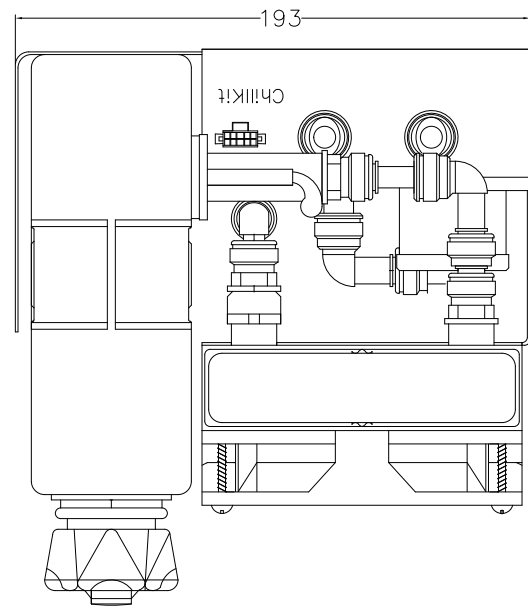
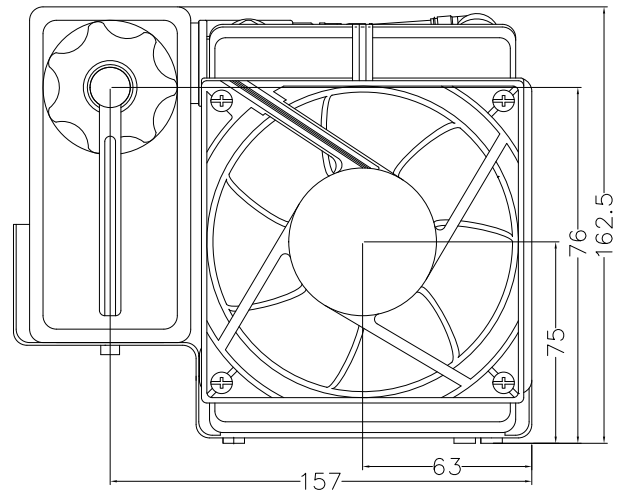
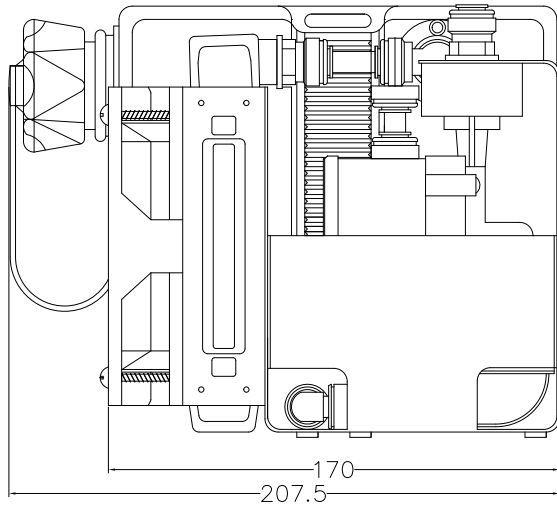


\*Test results with 8mm pipes at 20°C ambient. It is not representative for each application due to all other factors and requires field testing and evaluation.

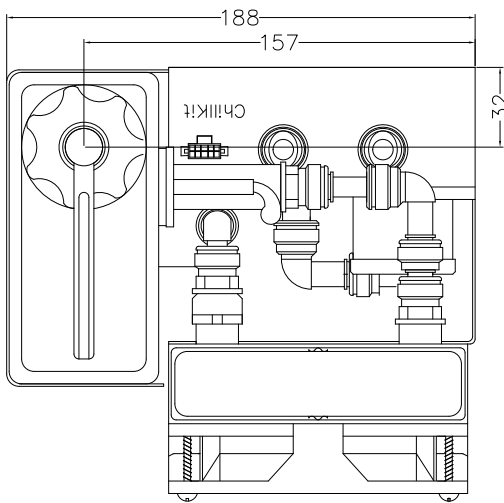
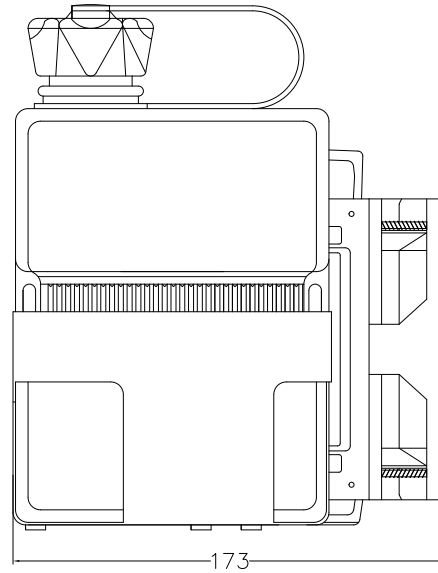
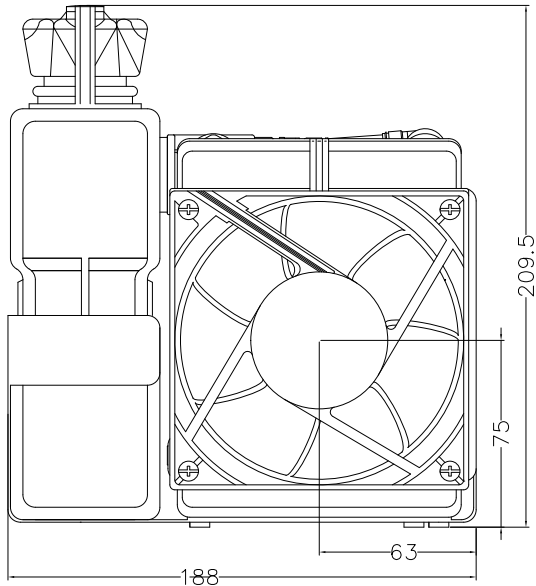


Specification of mating connectors		
Receptacle		Molex 105308-1210
Terminal		Molex 105300-1_00
TPA Retainer		Molex 105325-1005
Wires assembly		Molex 04513001003
Cable assembly		Molex 2451301005

# External refill version



Internal refill version



**ChillKit S - Fluid refill - Inlet port - Outlet port - Temperature sensor**

**I**-Internal  
**E**-External

**I7**-Push-Fit (8mm)  
**I8**-Push-Fit (10mm)  
**I9**-Stem (10mm)  
**S**\_-Special

**I7**-Push-Fit (8mm)  
**I8**-Push-Fit (10mm)  
**I9**-Stem (10mm)  
**S**\_-Special

**T**-NTC 10k  
**N**-No Temperature sensor  
**S**\_-Special

Consult factory for more options. **S-Special:** Please provide more details.

**Standard part numbers**

19001-E-I7-I7-T		PushFit 8mm inlet, PushFit 8mm outlet, external fluid refill cap, temperature sensor NTC
19102-I-I7-I7-N		PushFit 8mm inlet, PushFit 8mm outlet, external fluid refill cap, no temperature sensor
19101-I-I7-I7-T		PushFit 8mm inlet, PushFit 8mm outlet, internal fluid refill cap, temperature sensor NTC
19102-I-I7-I7-N		PushFit 8mm inlet, PushFit 8mm outlet, internal fluid refill cap, no temperature sensor
19000		Development kit for temperature monitoring and Fan/Pump speed adjustment