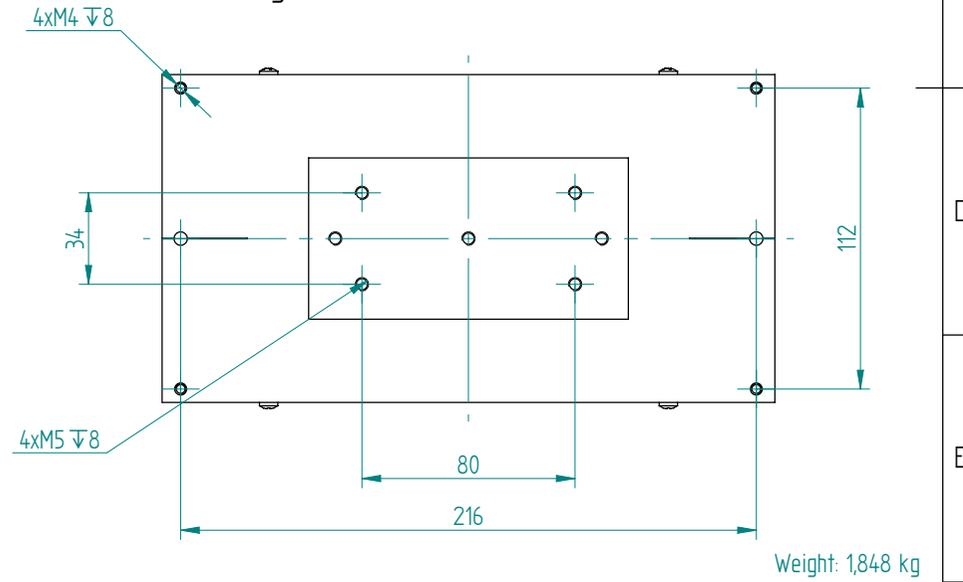


Specification: (Ta=32°C)	Code:	Description:
Heat transfer, cold side:	D	Direct
Heat transfer, warm side:	A	Air
Cascade:	C	Multi stage system
Cooling power: [W]	060	58 W at dT=0°C. Tolerance: ±10%.
Voltage: [VDC]	24	Nominal: 24 VDC, Max: 28 VDC.
Current: [A] TE-Module(s):		Nominal: 4.6 A, Initial: 5.5 A. All at dT=0°C. Tolerance: ±10%. Max. surface temperature: 80°C.
Fan(s), cold side:	0	None
Fan(s), warm side:	2	MTBF: 50,000 hrs. L10 at 25°C. Nominal current: 0.2 A. Voltage: 24 VDC ±10%.
Temperature controller, sensor:	0	None
Temperature control settings, trim options:	0	-
Additional controller information:		
Temperature control position:	0	-
Options:	0	-
Weight:		18 kg
Overheating thermostat:		75°C ±5°C on hot side heat sink surface.
Operating temperature:		48°C
Enclosed:		Thermally conductive grease
Packing:		Individual cardboard box.

Mounting dimensions.

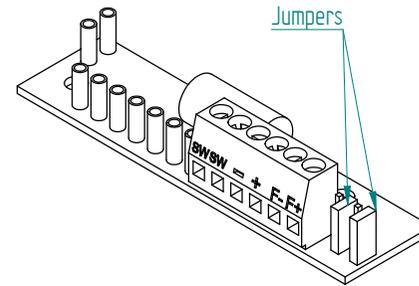
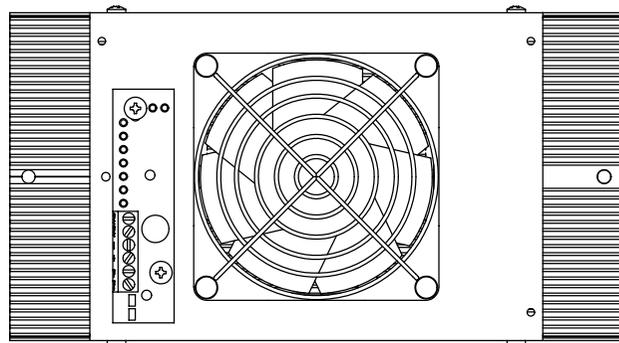
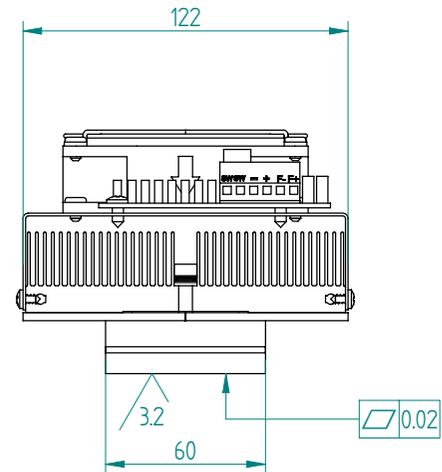
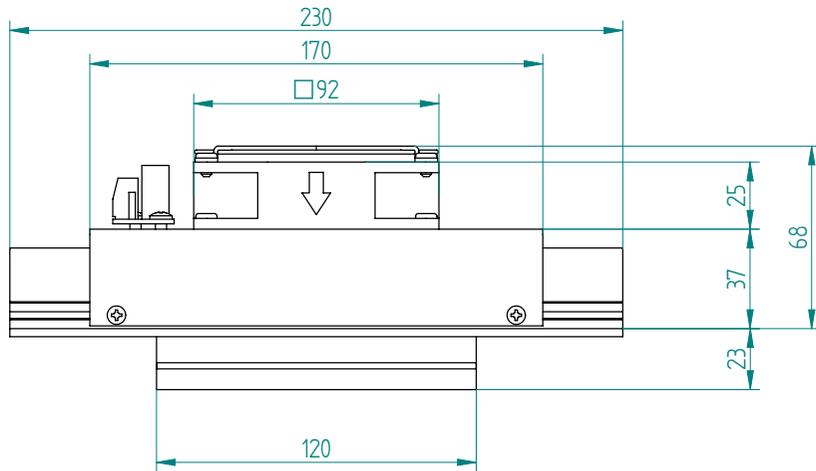


Revision notes and dates (yyymmdd):
Rev. 0: 040609, First issue.

Comments / deviations: Heat sinks and, if applicable, D-plates and shrouds in anodised aluminium.		General tolerances: SS-ISO 2768-1 c-M	
Designed by: Pavel Cech	Approved by: Hans Lindberg	Date: yy/mm/dd 05/05/24	Customer: Supercool AB
Project: HDPC		Title: TE ASSEMBLY CASCADE 24VDC DIRECT-AIR	
Part nr: DAC060-24-02-00-00		Rev. nr: 1	Status: Available Scale: 1:1 Size, sheet: A3, 1(3)



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Electrical connections:

- "+" : + TEM
- "-" : - TEM
- "F+" : + Fan(s)
- "F-" : - Fan(s)

To use single supply:
Lift the jumpers and rotate 90° to short-cut the pin pairs.
Connect the unit to "+" & "-".

Warning: Single supply not applicable in heating mode or with PWM-regulation.

Comments / deviations: Heat sinks and, if applicable, D-plates and shrouds in anodised aluminium.		General tolerances: SS-ISO 2768-1 c-M	
Designed by: Pavel Cech	Approved by: Hans Lindberg	Date: ly/m/d 05/05/24	Customer: Supercool AB
 Supercool AB Box 27, S-40120 Göteborg, Sweden tfn: +46 31 420530, fax: +46 31 247909 e-mail: info@supercool.se Web: www.supercool.se		Title: TE ASSEMBLY CASCADE 24VDC DIRECT-AIR	
		Part nr: DAC060-24-02-00-00	Rev. nr: 1