

## KOOLEX AC COOLING SOLUTIONS

DESAPRO has developed a family of active cooling systems consisting of MILEX 19 inch transit cases and KOOLEX AC cooling units in different sizes and power ranges. The system has a uniform and unique look and feel as well as compact form fit and function.

DESAPRO has a 60 year heritage and is an international leader in the designing and manufacturing of Aluminum rack mounts, transit & equipment cases, as well as cooling solutions for the Aerospace and defense industry.



Example shown: 4U, 610 mm deep, 450-500 W cooling power

Our cooling units are developed to military specification and can be combined with 19 inch transit cases. The units can be deployed in any region with extreme temperatures from -40 degrees Celcius to + 55 degrees Celcius including desert regions, tropics and maritime.

### DESAPRO'S COOLING SOLUTION HAS MANY ADVANTAGES:

- Mobile solution: Lightweight, compact size and stackable
- Scalable to different sized transit cases and to different power needs
- Deployable: No extra packaging for cooling unit needed - protected as is
- Easy maintenance : PnP System with three service levels and high reliability
- Customizing either through set thermostat or internal controller
- Optional Features: USP or generator usage, power limits/peaks
- Can be adapted to local needs through usage of COTS parts (interchangeability of components)



**AT DESAPRO, WE PROVIDE SOLUTIONS FOR DIFFERENT NEEDS AND CUSTOMIZE TO THE SPECIFICATION OF THE PROGRAM.**

Features	4U	6U	8U	10U	10U	12U
Power need to start (A)	16,5	4,9	18,5	16,5	22	30
Cooling Power (W)	500	800	1050	1400	2000	2500
Cooling Power @ 49 °C / XX °F (Btu/ h)	1706	2730	3410	4780	6820	8530
Heating Power (Standard) (W)	530	730	730	1600	1600	1600
For Housing High Units >= (HE)	4	6	8	10	10	12
Cover/Housing Height (mm)	260 (+10)	349.5(+10)	438.5 (+10)	527.5(+10)	527.5(+10)	616.5(+10)
Minimum Width (mm)	435 ( depends on housing width)					
Depth (Approximation) (mm)	273	444				
Weight (Approximation) (kg)	15	28	30	40	42	44
Power/Frequency (V/Hz)	230/50 (option 110/60)					
Rated Capacity (kW)	0,345	0,345	0,4	0,4	0,6	1
Temperature Transport/Storage (°C)	-40 bis +71					
Temperature Operation (°C)	-40 bis +55					
Heating Operation from/to (°C)	-46°bis +10°C	-40°C bis +10°C				
Cooling Operation from/to (°C)	+10°bis +60°C	+10°C bis +55°C				
IP Protection	IP 66	IP65				
EMI Protection	YES	Optional				



- Cooling unit is ready to go, no additional case needed

**CONTACT DESAPRO TODAY TO DISCUSS YOUR AC UNIT NEEDS !**