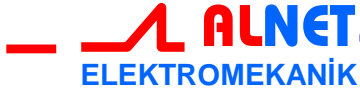


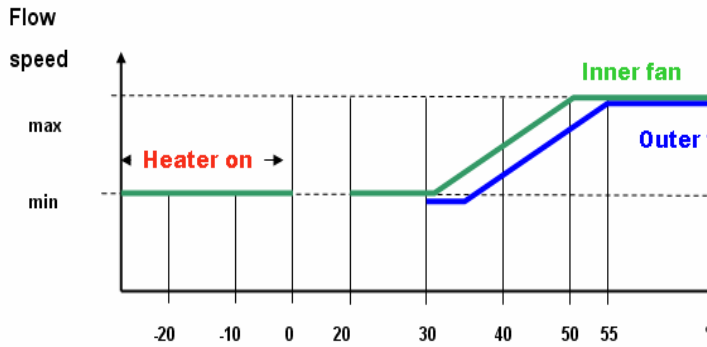
PANEL MOUNTED HEAT EXCHANGER



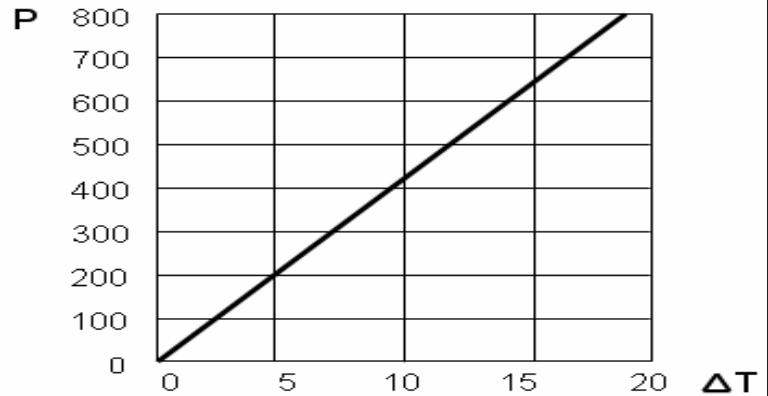
MODEL NO:AL030A



- Microprocessor based temperature controls
- Highest Efficiency in Industry
- Independent Plate Spacing for each Airflow Path
- Fully gasketed for tight,leakproof installation
- Standard Operating Temperatures from -20°C to 85°C
- Optional materials and Coatings available for special requirements
- Custom Designs
- Aluminum and stainless steel flat plate exchangers
- Closed-Loop Cooling
- Precision Ball-Bearing Motors
- Rugged Construction



Performance Chart



P: Cooling power (W)

ΔT: Differential Temperature

ALNET is intent on providing the most cost-effective air-to-air heat exchangers made in Turkey. We have a vision to create and produce a better, more cost effective means of increasing indoor air quality. Even today we believe ALNET produces the best air-to-air heat exchangers available and we welcome the opportunity to help you apply them

SPECIFICATIONS

- Cooling efficiency =37 W / ° K
- Power input: 48VDC (36-56V) 1Amp (soft start at switch on)
- Max Current: 1A (with 50W/°K Cooling) , 3A (with 100W Heater)
- Dimensions:750 x470x135m
- Materials: 5754 Aluminum
- Acoustic noise < 52 dBA
- Blower rotation control
- Temperature controlled regulation of blower rotation, inner and outer blowers independent from each other. The control of blowers is internal function of heat exchanger. control unit is assembled inside of inner circuit.
- Tolerance of temperature thresholds:- 0 /+3 °K
- Hysteresis of switch-on/switch-off thresholds:2 °K approx.
- Air flow speed at min. rotation:> 2 m/sec
- Start-up behavior: After switch on the blowers speed accelerate continuously up to maximum specified rotation. Then the speed is regulated down to specified ramp.
- Duration of start-up loop:10 - 15 s

DIMENSIONS

