



NOAH PRECISION, LLC

Noah Precision's therMOstat is the first green alternative temperature control system designed specifically for MOCVD manufacturing.

Patented Thermoelectric Chiller

- Only sealed, no-spill system on the market
- Superior reliability compared to compressors
- One Moving Part

Lower Cost of ownership

- Lower energy consumption / costs
- No daily operator maintenance

Approved supplier for to leading industry manufacturers in:

- ▶ Compound semi
- ▶ Silicon Semi

Virtually eliminates cabinet pollution for improved instrument precision

Able to operate in ambient temperature up to 40c

Set-point stability unaffected by PCW fluctuations



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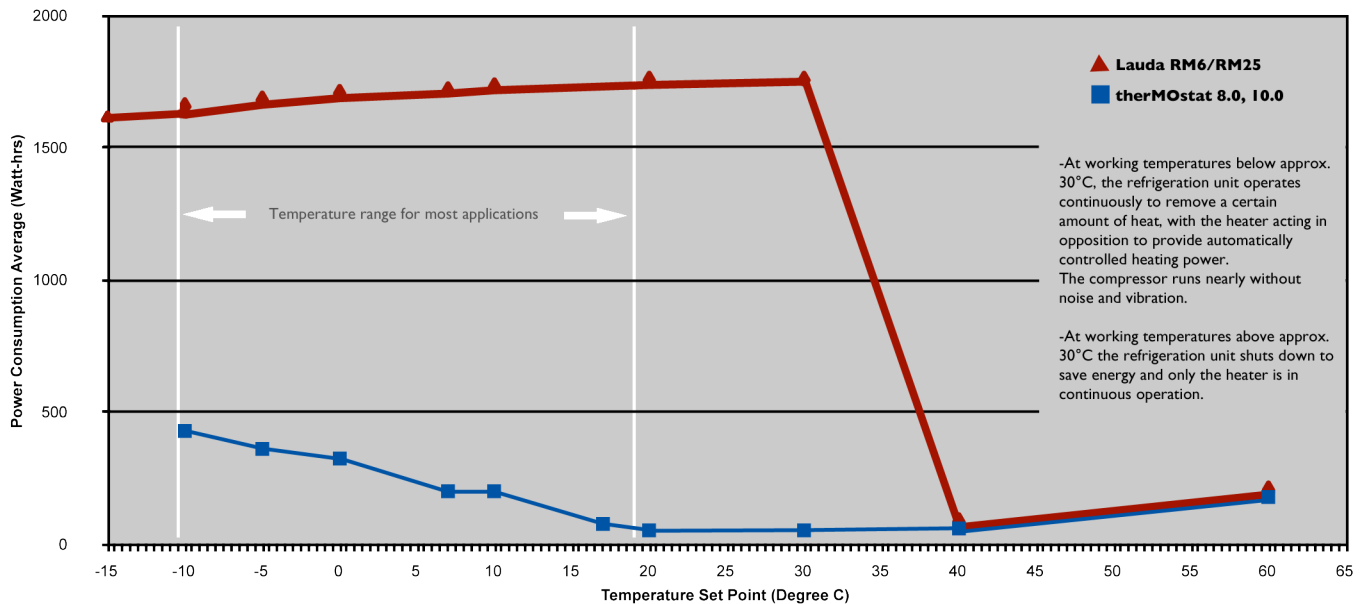
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Information & Statistics:

- cooling capacity: 250 watts @ 20 ° C
- heating capacity: 500 watts @ 20 ° C
- temp. range: -10 ° C to + 60 ° C
- temp. control: 0.1 ° C / min.
- temp. decrease rate: 6.0 ° C / min.
- comm. interface: DeviceNet or Analog
- voltage: universal; 90-240VAC
- max usable dimensions: therMOstat 8.0: 4.29" dia. x 10" (108.97mm dia. x 254mm h)
therMOstat 10.0: 6.69" dia. x 16" (169.9mm dia. x 406.4mm h)
- PSC dimensions: 4" w x 5" h x 15" d (102mm w x 127mm h x 381mm dia.)
- pump: direct-drive
- fluid type: EG/H₂O
- warranty: 2 years

POWER CONSUMPTION COMPARISON CHART



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