



# Heat Manager

Energy Saving Option for Enclosed Scroll Units

## ABOUT

The Heat Manager cooling system removes excess heat from the Enclosed Scroll systems to save on air conditioning energy costs and enhance the performance and reliability of the compressor. The cooling fan will operate when any pump inside the enclosure is running. This system can be factory assembled or installed in the field.

## BENEFITS

### Energy Cost Savings

- Projected air conditioning cost savings of removing heat from the facility:

Model	# of Scroll Pumps	# of Heat Manager Units	Total Estimated Annual Cost Savings*	Payback (Years)*
SED1007	2	1	\$1,120	3.6
SET1507	3	1	\$1,899	2.1
SEQ2007	4	1	\$2,679	1.5
SEH3007	6	2	\$3,799	2.1
SEO4007	8	2	\$5,357	1.5

\* Assumptions: 50% compressor duty cycle; 75% Heat Manager duty cycle; Air conditioner COP of 2.5; Unit MSRP of \$4,000; Energy cost of \$0.119/kWh; Nov. 2014 avg. industrial rates in California

- For non-medical systems, the Heat Manager can recover heat from the compressor and add it to the system HVAC for even greater overall energy savings.

### Fully Integrated with Powerex Compressor

- Cooling fan performance matched to the BTU output of Powerex systems to maximize efficiency.
- Installed and pre-wired to the compressor control panel at the factory.
- Programmed to only run when pumps are running to save energy.
- 18" x 18" opening easily ties into facility HVAC.
- UL 1450 and CSA C22.2 rated for SED/SET/SEQ configurations.

### Ensure Reliable Compressor Operation

- Removes excess heat that can damage compressor components.
- Creates lower ambient room temperatures.
  - Increase the life of the compressor.
  - Increase the operating efficiency of the compressor.
- Integrated fault signal triggers alarm if no current is detected to protect compressor.



SED/SET/SEQ configuration



SEH/SEO configuration

For more information, contact your local Powerex distributor or Powerex sales representative today!



150 Production Dr • Harrison, OH 45030  
powerexinc.com • (T)888.769.7979 • (F)513.367.3125

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