

## Narrow Width Enclosure Heat Exchangers

### TrimLine Series



- Units in Four Sizes: 33", 36", 47" and 59"
- Units Dissipate 33, 42, 56 and 91 Watts/°F
- Embossed Aluminum Heat Transfer Elements
- Near-Ambient Cooling in a Closed-Loop System

## NEMA 4/4X Air-to-Air Heat Exchangers

### Integrity Series



- Stainless Steel Shells
- Units in Four Sizes: 32", 36", 47" and 59"
- Units Dissipate 21, 44, 54 and 65 Watts/°F
- NEMA 4/4X Maintained

## Versatile Mount Enclosure Heat Exchangers

### KXHE Series



- Units in Six Sizes: From 22" to 59"
- Units Dissipate from 8 to 88 Watts/°F
- Effective in Any Mounting Position
- For Use in Dirty or Oil-Laden Applications

## NEMA 4/4X Water-to-Air Heat Exchangers

### KNHE Series



- Units in Seven Sizes: 20" to 60"
- Dissipates From 20.5 to 215 Watts/°F
- NEMA 4/4X Maintained
- Designed for Harsh Environments

## NEMA 12 & 3R Water-to-Air Heat Exchangers

### KPHE Series



- Units in Five Sizes: 20" to 32"
- Dissipates from 20 to 112 Watts/°F
- NEMA 12 & 3R Maintained
- Designed for Harsh Environments

## Refrigerant-Charged Heat Exchangers

### KTHE Series



- Unit is 17" High
- Dissipates 17 Watts/°F
- Various Mounting Options
- Uses Refrigerant Charged Coil

# Kooltronic Heat Exchanger Quick Sheet



- Kooltronic Heat Exchangers are manufactured in the USA.
- 100% testing on all Kooltronic designed products.
- Heavy-Duty Steel, Aluminum or Stainless Steel Shell.
- NEMA 12 - 3R - 4/4X available.
- Environmental chamber and laboratory on site.
- Contract laboratory facilities for complete system analysis.
- Kooltronic's Quality System is ISO 9001: 2015 Certified.
- Most models are UL/CUL Listed or Recognized.
- Painted units have baked powder finish.
- Full line of options for custom applications.
- Automated and custom paint booths.
- Custom design - prototype program.
- Precision ball-bearing motors.
- All units designed using solid modeling software.

## Heat Exchanger Accessories and Options

Kooltronic offers a number of both factory-installed and customer installed accessories and options for its heat exchangers, from aluminum shells to weather protection kits. Some of the factory-installed options are listed below. For a complete list of available options and accessories, contact Kooltronic, or visit our website: [kooltronic.com](http://kooltronic.com).

**Automatic Water Flow Control** - This consists of a temperature control thermostat and a solenoid valve. When the enclosure temperature falls below the thermostat set point the thermostat closes the solenoid valve. When the temperature increases to the set point (plus a differential) the thermostat opens the valve and the supply water cools the enclosure.

**Heater Kit** - 120V or 240V fin strip heater, installed singly or ganged, used to maintain desired internal enclosure temperature under cold operating conditions. Includes thermostatic control and safety limiter.

**Stainless Steel Shell** - For applications in corrosive or other hostile environments such as those requiring Internal Corrosion Resistant Coatings, especially where chemicals or moisture are present.

## Kooltronic Heat Exchanger Selection Guide

Heat Exchanger	** Indoor	Indoor/Outdoor	NEMA 3R	NEMA 4/4X	NEMA 12	Air-to-Air	Water-to-Air	M/TAB Available	R134a* Charged	WATTS /°F	UL Recognized	UL Listed
Trimline Series	✓				✓	✓		✓		33 - 91	✓	✓
Integrity Series		✓		✓		✓		✓		21 - 65	✓	
KXHE Series	✓				✓	✓				8 - 88	✓	✓
KNHE Series		✓		✓			✓	✓		20.5 - 215	✓	✓
KPHE Series		✓	✓		✓		✓	✓		20 - 112	✓	✓
KTHE200	✓								✓	17		

\* CFC-free refrigerant.

\*\* Outdoor operation requires weather protection and external protective features.



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