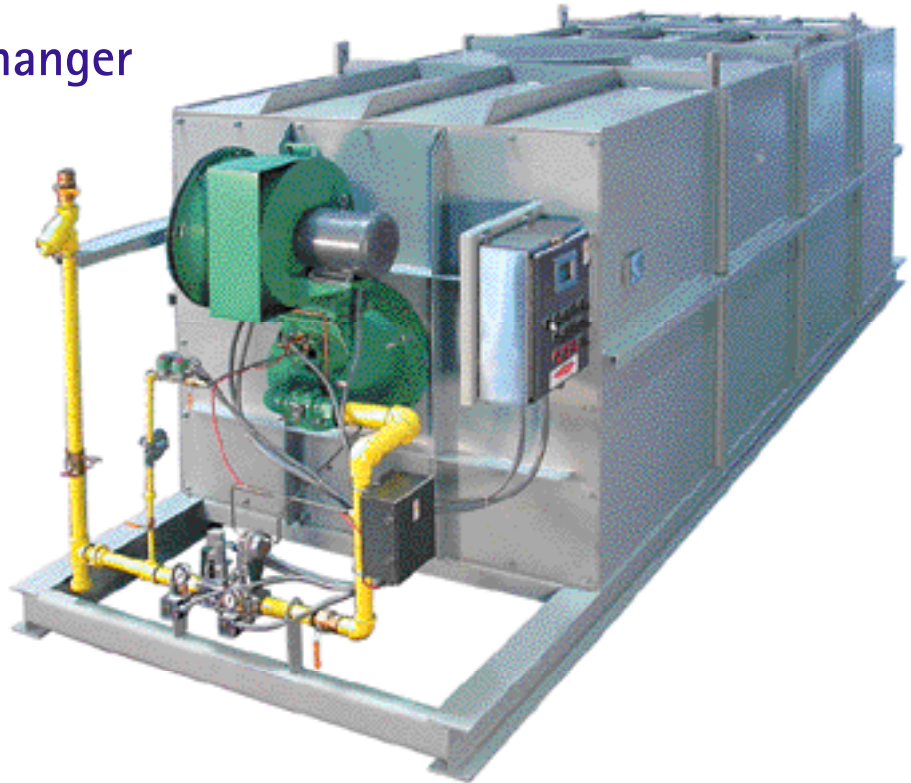


Horizontal Heat Exchanger

Fast and fuel-efficient external heating protects cooking oil quality.

In addition to this natural gas fired unit, electric, steam & thermal fluid heating systems are also available.



Uniform heat transfer

Quick and continuous cooking oil circulation delivers uniform heat transfer with low oil film temperatures. Low oil volume promotes fast turnover and a low free fatty acid level.

Instant response

Oil temperature instantly adjusts to product load changes in the fryer. Our high turndown ratio package burner modulates automatically to maintain a constant oil temperature in the fryer.

Multi-layer insulation

Lightweight ceramic fiber insulation keeps casing temperatures low and does not deteriorate from age or thermal stress. Low residual heat capacity enhances temperature control and eliminates overheating of oil during unscheduled shutdowns.

Self-cleaning tubing

Completely self-draining, our all-welded stainless steel tube bundles stay clean of particle accumulations. Normal thermal expansion produces no stressing or buckling of the tubes, assuring years of reliable, trouble-free operation.

Combustion safety

Built to NFPA standards, our burner systems feature diagnostic flame protection, spark ignition, temperature readouts and oil over-temperature shut-off systems.

Reliable operation

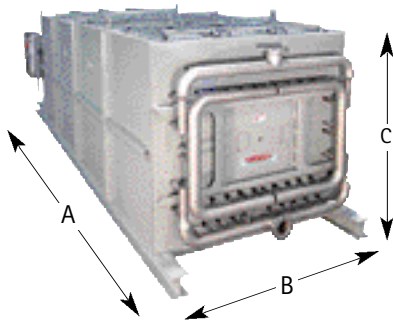
Pre-piped and wired, heat exchangers come ready to use. Welded and painted steel plate and structural members form a rigid, compact casing.

Optional features

- Burner systems designed for your fuel, insurance and safety requirements
- Booster Heater for added fuel efficiency
- KleenHeat® pollution control heat exchanger
- USDA approved models with inspectable tubing
- Electric, steam and thermal fluid heat exchangers
- Stainless steel casing
- Oil transfer pump sets

Horizontal Heat Exchanger | Model HX

Heat exchangers are available in standard sizes with heat transfer capacities up to 20 million BTU/hr.



Model	Heat Transfer Million BTU/hr		A Length	B Width	C Height
HX .85	.85		10' 8" / 3.2m	45" / 114cm	77" / 196cm
HX 1.2	1.20		13' 3" / 4.0m	51" / 130cm	82" / 208cm
HX 1.5	1.50		15' 9" / 4.8m	51" / 130cm	82" / 208cm
HX 2.25	2.25		13' 9" / 4.2m	63" / 160cm	96" / 244cm
HX 3.0	3.00		14'10" / 4.5m	85" / 216cm	101" / 257cm
HX 4.2	4.20		18' / 5.5m	75" / 191cm	95" / 241cm
HX 5.6	5.60		23' / 7.0m	72" / 183cm	89" / 226cm
HX 8.0	8.00		24' / 7.3m	90" / 229cm	91" / 231cm
HX 9.6	9.60		25' 9" / 7.8m	99" / 251cm	108" / 274cm
HX 11.5	11.50		27' 7" / 8.4m	99" / 251cm	120" / 305cm
HX 12.7	12.70		29' 7" / 9.0m	94" / 239cm	120" / 305cm
HX 15.0	15.00		28' 10" / 8.8m	122" / 310cm	132" / 335cm
HX 18.0	18.00		33' 10" / 10.3m	122" / 310cm	132" / 335cm

Dimensions are rounded to the nearest inch/centimeter.

Constant improvement and engineering innovations mean these specifications may change without notice.



We also manufacture inspectable heat exchangers, the space-saving vertical Coil-Type Heat Exchanger, and the patented KleenHeat® pollution control heat exchanger.

HEAT AND CONTROL

®



Headquarters
 21121 Cabot Blvd., Hayward, CA 94545 USA
 Tel 1 800 227 5980 / 1 510 259 0500 Fax 1 510 259 0600
 Guadalajara, Mexico
 Tel 52 33 3689 1146 Fax 52 33 3689 2240
 Livingston, Scotland
 Tel +44 (0)1506 420420 Fax +44 (0)1506 403919
 Schwaz-Vomperbach, Austria
 Tel +43 5242 66751 Fax +43 5242 66752
 Brisbane, Australia
 Tel +61 (0)7 3877 6333 Fax +61 (0)7 3343 8371
 Singapore
 Tel +65 6273 6362 Fax +65 6273 8161

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