

Midea Premier "Hyper" Series Single Zone Mini Split

Midea Hyper Series is a basic system that accommodates a demand for cooling or heating by running the compressor (the heart of the system) at full speed until the area has reached the desired temperature. Once the desired temperature is reached, the system shuts down.



Hyper Series Features:

- Follow me (remote thermostat)
- Wifi enabled with Midea Smart App
- Auto Restart the system will automatically restart following a power failure
- Sleep mode
- Low ambient cooling operation performance
- Golden Fin a unique anti-corrosive golden coating designed to help shed water that forms on the system's evaporator coil, faster and more efficiently than any other coating on the market, thus minimizing the chances of mold, mildew and bacterial growth
- Refrigerant Leak Detection
- Uses R410a and DC Inverter











Outdoor Unit, Pre-charged with R410A Refrigrant Thermostat Remote included with every Mini Split

Model #	Weight		Description	
12,000 BTU Single	Zone 21.5	SEER Single Zone		
MEHSU-12PHH2	18.3	Indoor	12,000 BTU's	Heat Pump: Htg/AC
MCHSU-12PHH2	88.1	Outdoor	12,000 BTU's	Heat Pump: Htg/AC
Premier Wifi	1.0	Premier Hyper Wifi Ada	oter for Indoor Unit	
Complete System	107.4	12,000 BTU Single Zor	ne 21.5 SEER System	
40 000 DTU 6:		CEED Contains		
18,000 BTU Single		· · · · · · · · · · · · · · · · · · ·		
MEHSU-18PHH2	28.6	Indoor	18,000 BTU's	Heat Pump: Htg/AC
MCHSU-18PHH2	107.6	Outdoor	18,000 BTU's	Heat Pump: Htg/AC
Premier Wifi	1.0	Premier Hyper Wifi Ada	oter for Indoor Unit	
Complete System	137.2	18,000 BTU Single Zor	- 00 0 0EED 01	

HEATING & COOLING

Single Zone Inverter Split Heat Pumps

Midea Multi-Zone Inverter "Premier" Series Mini Splits

A Ductless Mini Split Heat Pump System using Advanced Inverter Technology to constantly adjust output to maximize comfort and minimize energy costs. Available in sizes from 9,000 BTU to 27,000 BTU. Comes complete with: wireless remote control. dehumidification mode, auto swing louver, auto restart, auto mode, temperature display on indoor unit, sleep mode and low ambient operation.





Advanced Inverter Technology

Wireless Remote Control **Dehumidification Mode**

Auto Swing Louver





- Auto Restart, Sleep Mode & Auto
- Temperature Display on Indoor Unit
- Low Ambient Operation





Outdoor Unit, Pre-charged with R410A Refrigrant Thermostat Remote included with every Mini Split

Premier Multi-Z	one Serie	es - Inverter Heat Pump		
Model #	Weight		Description	
9,000 BTU Indoor	Unit / 18,00	0 BTU Outdoor Unit Multi-Zone	Inverter System	
MEHSU-09PHH2	18.3	Indoor	9,000 BTU's	Heat Pump: Htg/AC
MCH2U-18PHH2	105.82	Outdoor	18,000 BTU's	Heat Pump: Htg/AC
Premier Wifi		Premier Hyper Wifi Adapter for I	ndoor Unit	
Complete System	124.12	Multi-Zone Inverter System		
12,000 BTU Indoo	r Unit / 27,0	00 BTU Outdoor Unit Multi-Zone	e Inverter System	
MEHSU-12PHH2	18.3	Indoor	12,000 BTU's	Heat Pump: Htg/AC
MCH3U-27PHH2	149.91	Outdoor	27,000 BTU's	Heat Pump: Htg/AC
Premier Wifi		Premier Hyper Wifi Adapter for Ir	ndoor Unit	
Complete System	168.21	Multi-Zone Inverter System		

Midea Premier Multi Zone Combination Table

1-2 Zone			
Outdoor Unit	One Zone	Two Zones	
	12k	9k+9k	
MEA MCH2U-18PHH2 (18,000 BTU)		9k+12k	
(10,000 B10)		12k+12k	

2-3 Zone			
Outdoor Unit	Two Zone	Three Zone	
	9k+9k (Energy Star)	9k+9k+9k (Energy Star)	
MEA MCH3U-27PHH2	9k+12k	9k+9k+12k	
(27,000 BTU)	12k+12k	9k+12k+12k	
		12k+12k+12k	

HEATING & COOLING Multi-Fuel (Combination) Wood Furnaces

Eagle furnaces have been manufactured for over 25 years. The result is the furnace you buy today is made to last longer, take more abuse and is more efficient. Our 30-year Limited Warranty says that. The firebox is made of heavy 10 and 12 gauge steel. The firebrick is held in with type 304 Stainless Steel retainers. the baffles and secondary heat exchanger are also made of types 304 stainless. The casing is made of 20-22 gauge paint lock steel (the same as an automobile body). The burners are state of the art Wayne Oil Burners. Finally the units are furnished with Honeywell's best controls

-NOMENCLATURE-**BTU Output** Low Boy Wood 0 = firing chamber for th Flue Outlet oil humer is welded 168 (Polar Furnace) L = Left Hand Model 1 = firing chamber for the R = Right Hand Model oil burner is bolted (Husky model only) 0 = 1/3HP Motor (Standard) Secondary Fuel Type 1 = 1/2HP Motor Conditioning 0 = 0il2 = 3/4HP Motor Controls



Easy Access Clean-out Door to



Maintain Top Heating Efficiency

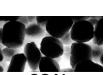
The Oil Burner Fires into an Engineered Pyrolite High temperature Chamber which **Assures Complete Combustion**





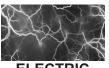










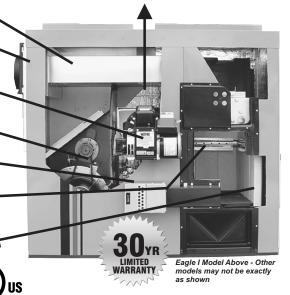


ELECTRIC

Oil Burner Option for Auxiliary Fuel **Air Circulating Blower & Motor** Yukontrol Solid-State Furnace Control

After-Burner Jet System Gives Maximum Solid Fuel Burning Efficiency

2-Inch Thick High Temperature Firebrick Surrounds the Wood/Coal Fire



Chimney Outlet Flue Choices

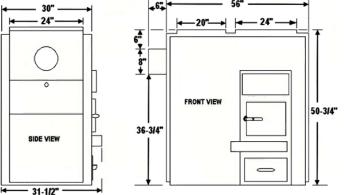
Available in either left or right Chimney Flue outlets - see illustrations at right. Example: If the chimney flue is on the left end of the furnace when you are facing the firebox door, the heated air outlet (plenum) will be on the right side, above the firebox. If the chimney flue is on the right end of the furnace, the firebox door and heated air outlet will be on the left side.



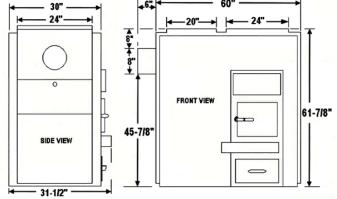
Right Hand Flue Model

Left Hand Flue Model

Dimensions LWO-112



Dimensions LWO-168



How does a multi-fuel furnace work?

1. LOAD WOOD.

Place logs in fire box. It takes up to 24" long logs. No need to light the fire. Automatic controls take over and the oil or gas burner will ignite the wood when heat is needed. (Note: Electric model not self-igniting.)

2. SET THERMOSTAT.

The two stage thermostat controls both combustion chambers at separate temperature settings you select. The oil or gas fire comes on automatically if the wood (or coal) fire will not maintain the house to the temperature you set for that fuel.



3. AUTOMATIC WOOD-FIRE CONTROL.

Once the wood (or coal) is ignited by the gas or oil flame and the furnace is supplying the heat called for by the thermostat, the oil or gas burner automatically shuts off. The wood fire is then automatically controlled by the wood thermostat setting.



4. CONSTANT ROOM TEMPERATURE.

The thermostat automatically maintains heat levels by controlling the amount of combustion air to the wood (or coal) fire.



5. AUTOMATIC CONTROL.

If the wood (or coal) fire dies down your home will cool to the temperature you have selected for the oil (or gas or electric heat) to kick in. The Eagle then functions as a conventional furnace until you reload it with wood (or coal).

6. HAND FIRING.

If you choose not to use the oil/gas burner for automatic ignition of the wood fire, you can light the Eagle with kindling as you would an ordinary fireplace.

Item	Description	BTU/HR	Part Number
	Husky Eagle I Oil/Wood/Coal Combination A/C Ready, Bolted HT/EX, 1/3HP, Left or Right Breach	140,000 btu Input	A LWO-112-110 L/R
	Husky Eagle I Oil/Wood/Coal Combination A/C Ready, Bolted HT/EX, 1/2HP, Left or Right Breach	140,000 btu Input	A LWO-112-111 L/R
	Product Feature: The Bolted HT/EX on the Eagle I ca 24"x36" and drops 50lbs for ease of installation	ın be broken do	wn to 24"x20" from
Polar Eagle II	Polar Eagle II Oil/Wood/Coal Combination A/C Ready, 1/3HP	189,000 btu Input	A LWO-168-100 L/R
Oil/Wood Combo	Polar Eagle II Oil/Wood/Coal Combination A/C Ready, 1/2HP	189,000 btu Input	A LWO-168-101 L/R
Eagle III Electric/Wood	Eagle III Electric/Wood/Coal Combination A/C Ready, 1/3HP	67,000 btu Input	A LWE-020-100 L/R
Klondike Eagle IV	Klondike Eagle IV Wood/Coal Combination A/C Ready, 1/3HP	140,000 btu Input	A LW-100 L/R
Wood Only	Klondike Eagle IV Wood/Coal Combination A/C Ready, 1/2HP	140,000 btu Input	A LW-101 L/R

Item	Description	Part Number
Plenum	Plenum Package for Husky	A 10169100
Packages For	Plenum Package for Polar	A 10169200
Multi-Fuel	Plenum Package for Eagle III	A 10169300
Furnaces	Plenum Package for Klondike	A 10169400

Item	Description	Part Number
Added	Safety Heat Pump	A 10169700
Any/All Furnaces		A EHWP-24

3 HEATING & COOLING Add-On Wood Furnaces

An extremely heavy-duty warm air add-on wood furnace that works with your present duct system to complement your existing furnace.

Jacks operate on a forced draft principle. Put some kindling in, light it with a match, and turn the thermostat up. That turns on the combustion fan to get the wood burning. Then load it up and relax. It's automatic from there. The room thermostat tells the combustion fan to start when it is not warm enough and shuts it off when you're comfortable.

Is the Jack efficient? You bet. The right amount of the air from the combustion fan is directed to the fire. Twenty percent of the air (called secondary air) is directed above the fire to ignite the unburned gases and smoke created by the main fire. The result is high efficiency wood burning.

Jack Add-on Furnace Features:

- Fan and Limit Control
- Picture Frame Front
- Large Loading Door
- Forced Draft Combustion Blower
- Transformer/Relay
- Easy Access Ash Pan
- Combustion Air
- Secondary Combustion Air Chamber Improving Efficiencies
- Unit Efficiency
- Cast Iron Grate
- High Temperature Fire Brick
- 7 gauge Steel Construction
- Painted Steel Jacketing
- Bypass Damper for Smoke-Free Loading
- Honeywell FocusPro 5000 digital thermostat



Burn wood or coal without reducing the efficiency of your present furnace... with JACK, Add-on Furnaces



Big Jack BJ90 Specifications

Height	.39-1/2"
Width	.24-1/4"
Depth	.34-1/2"
Fire Door	
Ash Door	.14" x 8"
Warm Air plenum Opening	22" x 16"
Flue Size	6"
Heat Exchanger	7 & 10 gauge
Combustion Area	
Combustion Air	.Forced Draft
Secondary Air	.Yes
Weight	
Approx. BTU Output	50,000 - 90,000 BTU
Maximum Wood Length	
Wood Capacity	

Super Jack SJ125 Specifications

•	•
Height	47"
Width	26-1/4"
Depth	34-1/2"
Fire Door	
Ash Door	14" x 8"
Warm Air plenum Opening	22" x 20"
Flue Size	7"
Heat Exchanger	7 & 10 gauge
Combustion Area	Firebrick
Combustion Air	Forced Draft
Secondary Air	Yes
Weight	655 Pounds
Approx. BTU Output	75,000 - 125,000
Maximum Wood Length	26"
Wood Capacity	5.25 cubic feet

Secondary Heat Exchanger (SUPER JACK Only) Secondary Heat **Exchanger Clean-Out** (SUPER JACK Only) 7 Gauge Plate Steel Construction Fire Brick Lined Combustion Chamber Positive Seal Fire Door Draft Inducer Blower Positive Seal Wood Capacity Ash Door 26" Maximum Ash Pan **Heavy Cast Iron Grate**

B139 & B149 COMPLIANT



BTU

Top View



Big Jack Model (BJ90-C)

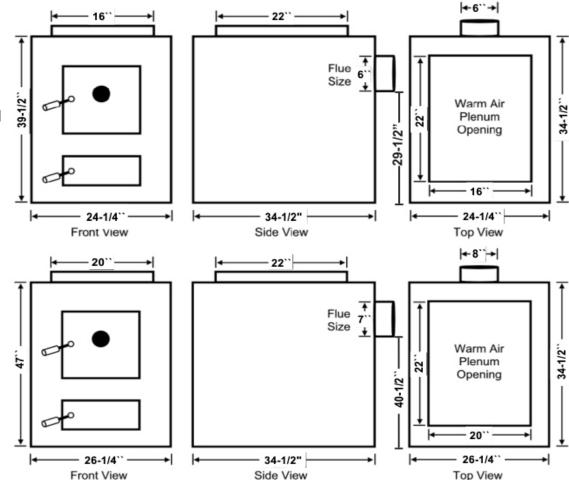
Furnace

Dimensions &

Specifications

Super Jack

Model (SJ125-C)



Item	Description		Part Number
Jack	Big Jack 90 - Add-on Wood Furnace	90,000 btu input	A BJ90-C
	Super Jack 125 - Add-on Wood Furnace	125,000 btu input	A SJ125-C

Front View

Item	Description	Part Number
	BJ90 Plenum Package	A 10169500
Accessories for	SJ125 Plenum Package	A 10169600
Jack Line	Blower/Motor Package (Required for stand alone wood furnace)	A 500
	Blower Cabinet (Required for stand alone wood furnace)	A J203

Item	Description	Part Number
Casing	One of the side casing pieces is cut to fit the blower/motor package	A BJ90-C-B
	One of the side casing pieces is cut to fit the blower/motor package	A SJ125-C-B

Item	Description	Part Number
Added	Safety Heat Pump	A 10169700
Anv/All Furnaces		A EHWP-24

3 HEATING & COOLING Construction & Temporary Infrared Heating

Space-Ray RFPA Series

BURNER

- Cast Iron Multi-Port Burner For Even Heat Distribution And Long Life.
- Base Mounted Burner And Controls For Easy Access And Maintenance.
- 10-Year Limited Warranty On Cast Iron Burner

CONTROLS

- 100% Gas Shut-Off Safety Controls In The Event Of Flame Failure.
- Pressure Test Point 1/8" Plug To Check For Correct Operating Gas Pressure.
- No Electrical Supply Required And No Moving Parts.

RADIANT EMITTER

- Stainless Steel Radiant Emitter And Combustion Chamber For Durability.
- Emitter Temperature Averages 1400°F For Higher Radiant Efficiency.

CONSTRUCTION

- Heavy Gauge Steel Body Construction, Welded For Strength And Bolted For Maintenance.
- Expanded Metal Guard To Prevent Contact With Emitter.
- 18" Diameter Heavy Gauge Steel Base Stability.



Standard Heater

Directs full radiant heat pattern over a wide area. Radiates heat in a 360° pattern.



Heater with Reflector

Used where full heat pattern is not required. Radiates heat in a 180° pattern.



Barrier Guard Ring

Additional safety precaution for where personnel are continually on the move.



Infrared Heating Heats People And Work Areas Directly...Before Heating The Air

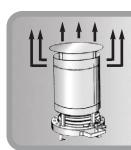
How? It's Radiant Heat. When in operation, the cylindrical stainless steel emitter beams radiant heat around the entire circumference of the heater. People, floors, objects, etc. are warmed directly by the "sun-like" radiant heat. The air itself is not warmed directly. These surfaces absorb this heat and then re-radiate it back to the surrounding air to maintain a blanket of warmth within the work space.

Infrared Heating

Space-Ray infrared heaters direct radiant heat in a 360° pattern. The infrared emitter heats people and objects at the floor level first ...directly, just like the sun



VS



Convective Heating

Convective type heaters generate warm air that rises, leaving floor levels difficult to warm. By heating the air first, convective heaters must operate longer and use more fuel.

Order No	Approx Area Coverage*	Dimensions	Weight
Construction Heaters			
GFP RFPA10C-N6C - Natural	1500-2500 Sq Feet	34" x 18½" x 18½"	56 lbs.
GFP RFPA10C-L6C - Propane	1500-2500 Sq Feet	34" x 18½" x 18½"	56 lbs.
GFP RFPA21A-N6- Natural	1500-4000 Sq Feet	51"x18 1/2"x18 1/2"	63 lbs.
GFP RFPA21A-L6- Propane	1500-4000 Sq Feet	51"x18 1/2"x18 1/2"	63 lbs.
GFP RFPA25-N6- Natural	1500-5000 Sq Feet	51"x18 1/2"x18 1/2"	58 lbs.
GFP RFPA25-L6- Propane	1500-5000 Sq Feet	51"x18 1/2"x18 1/2"	58 lbs.
Accessories		Description	
GFP 413370000	Barrier Guard Ring		
GFP 04310030	180 Degree Reflector Kit for directional beaming of heat RFPA10B		
GFP 04310010	180 Degree Reflector Kit for directional beaming of heat RFPA21A & RFPA25		

^{*} Depends on building Heat Loss

Residential & Garage Infrared Heating





- Residential Garages •
- Workshops
- Swimming Pools
- Solariums
- Enclosed Patios
- Entry Ways
- Small Unheated Areas
- Club Houses
- Restaurants
- Warming Stations
- Storage Warehouses
- Farm Buildings
- Greenhouses
- Mechanical Rooms

Cold Blocker Tube Heater Features:

- Products of combustion are pulled through the combustion chamber for increased radiant efficiency and greater safety
- 75 feet sidewall venting capability

Vacuum System- Pull Through System

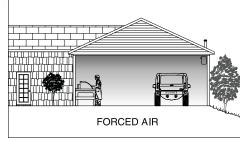
- One-piece cast iron burner
- 10-year limited warranty on burner
- · Direct outside air for combustion
- 4" O.D. combustion air intake and vent
- Direct spark ignition system with step-opening gas valve and 100% gas shut-off safety control (pre-purge)
- Three monitoring lights for diagnosis of maintenance needs

Burner System

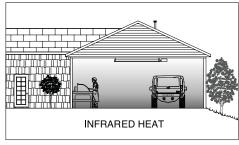
- 3" O.D. calorized aluminized steel emitter tube for long life and high radiant efficiency
- 5-year limited warranty on the emitter tube
- Smooth cast iron "U" bend

Radiant Emitter Tube System

- Highly efficient aluminum reflectors with reflectivity rating of 97%.
- Reflector ends are enclosed for maximum radiant heat output and minimum convection loss
- Suitable for horizontal or angle mount up to 45 degrees







Order No.	BTU	Mounting	Clear.	Clear.	Clear.	Clear.	Clear.
	Input	Angle	Front	Rear	Ceiling	Below	Ends
GFP CB20	20,000	0 degree	8"	8"	4"	41"	8"
GIF CB20		45 degree	30"	4"	4"	41"	8"
GFP CB30	30,000	0 degree	8"	8"	4"	41"	8"
		45 degree	30"	4"	4"	41"	8"
GFP CB40	40,000	0 degree	12"	12"	4"	57"	8"
		45 degree	40"	4"	4"	57"	8"
GFP CB50	F0 000	0 degree	12"	12"	4"	57"	8"
	50,000	45 degree	40"	4"	4"	57"	8"
Order No.			Accesso	ries for Cold	Blocker		

Order No.	Accessories for Gold Blocker
GFP 43485000	Emitter Guard Kit - 8ft x 18 inch decorative grille & side panels
GFP 43486000	Draft Inducer Guard Kit
GFP 43515000	Lower Mounting Height Kit - for installations between 6ft & 8ft above floor
GFP 43504000	Deflector Kit - for reduced clearances below the heater
GFP 44444000	Outdoor Cover Kit - includes black powder coated cabinet, grille and exhaust hood

HEATING & COOLING **Commercial & Industrial Infrared Heating**

Space-Ray DK Series:

The DK Series is a line of 14 ceramic heaters in capacities from 30,000 to 160,000 Btu/hr, four in propane gas and ten in natural gas. Suitable for horizontal mounting or angled up to 35°, this series can meet a variety of spot and area heating requirements.

- Special Honeycomb Tile Design for Increased Radiant Output.
- Inputs from 30,000 to 160,000 Btu/hr.
- Suitable for Angle Mount up to 35°.
- 24 Volt Direct Spark Ignition System.
- Natural or Propane Gas.
- Indirect Vented Operation.
- Modular Burner Construction and Venturi



Order No	Dimensions	Weight
GFP DK30-N5C	23" X 31" X 11"	34 lbs.
GFP DK35-N5C	23" X 31" X 11"	34 lbs.
GFP DK40-N5C	23" X 31" X 11"	34 lbs.
GFP DK60-N5C	28" X 31" X 11"	41 lbs
GFP DK70-N5C	28" X 31" X 11"	41 lbs
GFP DK80-N5C	28" X 31" X 11"	41 lbs
GFP DK100-N5C	33" X 31" X 11"	52 lbs.
GFP DK120-N5C	33" X 31" X 11"	52 lbs.
GFP DK140-N5C	38" X 31" X 11"	59 lbs.
GFP DK160-N5C	38" X 31" X 11"	59 lbs.
GFP DK33-L5C	23" X 31" X 11"	34 lbs.
GFP DK66-L5C	28" X 31" X 11"	41 lbs
GFP DK100-L5C	33" X 31" X 11"	52 lbs.
GFP DK132-L5C	38" X 31" X 11"	59 lbs.

Space-Ray RSCA Series:

The RSCA Series is the highest quality ceramic infrared heater in the industry. Available in natural or propane gas in 26,000, 52.000 or 104.000 Btu/hr, it features iron oxide coated tiles that increase surface emissitivity by 13%, plus an internal plenum assembly and an Incoloy 800 Reverberatory Screen, which provides a secondary radiating surface and additional safety.

- Highly Radiant Efficient High Intensity Ceramic Heaters with Inputs From 26,000 To 104,000 Btu/hr
- Suitable For Horizontal Or Angle Mount Up To 45°
- Choice Of Millivolt Standing Pilot or 24 Volt Direct Spark Ignition System Controls
- All Heaters Are Equipped With 100% Gas Shut-off Safety Control
- Natural Or Propane Gas



Order No	Dimensions	Weight
GFP RSCA3-N5	29" x 22" x 12"	25 lbs.
GFP RSCA6-N5	40" x 22" x 12"	34 lbs.
GFP RSCA10-N5	61" x 22" x 12"	57 lbs.

Space-Ray RSTP Series:

- Proven In High Bay Installations as High as 68' Above The Floor
- Ideal For Large Buildings, Aircraft Hangars, Warehouses, Steel Mills, And Other - Hard-to-Heat Industrial Heating Applications

Available in capacities of 150,000 and 175,000 Btu/hr, these compact heaters are completely factory assembled and may be mounted at various heights, horizontally or up to an angle of 90°. These powerful units incorporate many of the features standard for other Space-Ray tube heaters and are especially suited for higher mounting heights.



Order No	Dimensions	Weight
GFP RSTP15C	13' 9" x 34 1/2" x 11"	236 lbs.
GFP RSTP17C	13' 9" x 34 1/2" x 11"	236 lbs.

ETS Series

Space-Ray ETS/ETU Series:

These series, with more than 80 different configurations and in capacities from 40,000 to 250,000 Btu/hr, offer optimum flexibility in custom designing an infrared heating system. The ETS series is available in multiple configurations (straight, L, Z, and expanded U-shape) with lengths from 15' to 80' long. For added versatility, 90° elbows, corner reflectors, and side reflectors are available for close area mounting near walls, doors, and corners. The ETU series is available in seven different configurations and provides more uniform radiant heat energy distribution. The ETU series is ideal for high heat loss areas and spot heating.



Space-Ray LTU Series:

This line of 21 unitized, low intensity u-tube heaters ranges in capacity from 40,000 to 250,000 Btu/hr and in total heater length of 17' to 27.5', providing optimum flexibility to meet exact industrial or commercial building heating requirements. The u-tube configuration of these heaters offers a large radiating surface for more uniform heat distribution at the floor level. These models are especially suited for lower mounting heights and may be mounted horizontally or up to an angle of 45°. In addition, the self-contained draft inducer can be rotated up to 90°, adding to the installation flexibility.



Space-Ray LTS Series:

A line of 82 unitized straight tube heaters with more than 26 different configurations offers optimum flexibility in custom designing an infrared heating system. Ranging in capacity from 40,000 to 250,000 Btu/hr, these heaters are from 15' to 80' long and may be used in straight, L-shape, U-shape, or Z-shape configurations. For added versatility, 90° elbows and corner reflectors are available on most of the units for close area mounting near walls, doors, or corners.The LTS series is design certified for up to 50' of fresh air inlet duct and up to 75' of horizontal sidewall venting. In addition, the LTS series is certified for a unique incline mount, which allows the heaters to be mounted following the contour of the roof for maximum space utilization.



Space-Ray PTU/PTS Series:

These series, with more than 80 different configurations and in capacities from 40,000 to 200000 Btu/hr, offer optimum flexibility in custom designing an infrared heating system. The PTS series is available in multiple configurations (straight, L, Z, and expanded U-shape) with lengths from 10' to 70' long. For added versatility, 90° elbows, corner reflectors, and side reflectors are available for close area mounting near walls, doors, and corners.

- 8 different Btu/hr sizes and more than 100 different Configurations to custom design your infrared heating system
- Single Stage or Two Stage Modulation Input Controls
- CSA design certified
- Vented or indirect vented operation with Sidewall or Roof venting
- Natural and propane gas models
- Single stage or two stage modulating input



Many Models & Sizes to Fit Every Application. Call for Job Specific Quotation.