



SAVE UP TO  
**75%**  
In Energy Costs

For Performance, Reliability, and Value, Solaronics High Intensity Heaters Provide Energy Efficient Total Building Heating Solutions.

Solaronics SunTwin 2-Stage Heaters Provide Soft Heat at "Low Fire" - Instantly Jump to "High Fire" Output On Demand.

## Applications

- Manufacturing Plants
- Auto Dealerships
- Airplane Hangars
- Ice Rinks
- Golf Driving Ranges
- Loading Docks
- Firehouses
- Car Washes
- Tennis Courts
- Warehouses

Solaronics SunTwin 2-stage heaters maintain precise control of inside temperatures. The desired comfort level and lower energy costs can now be achieved without "overshooting".

## FEATURES:

- Available in single stage 'K' and 2-stage 'STK'
- Available inputs of 30,000 to 200,000 BTUH
- Operates on Natural or Propane gas
- 115V, 24V, and Millivolt control packages available
- Corrosion-free aluminized steel main frame
- No direct venting required
- Instant heat on demand: Reaches maximum operating temperature in less than one minute
- Fuel Savings of 40% to 75% over conventional warm air systems
- Polished Aluminum Reflectors
- Factory prewired, piped, and tested
- CSA International Design Certified to ANSI/CGA Standards

## OPTIONS:

- Protective Screens
- Gas connectors
- Thermostats
- Chain Hanging Kits
- Parabolic Reflector Extensions
- Heat Shields for reduced clearances
- Secondary Radiating Grids

## WARRANTY:

- Limited one-year warranty
- Limited lifetime warranty on ceramic burner head also available.

30,000 - 60,000 BTUH			70,000 - 100,000 BTUH			110,000 - 160,000 BTUH			160,000 - 200,000 BTUH		
MODEL	MBTUH NAT	MBTUH LP	MODEL	MBTUH NAT	MBTUH LP	MODEL	MBTUH NAT	MBTUH LP	MODEL	MBTUH NAT	MBTUH LP
K-30	30		K-70	70	70	K-110	110		K-160		160
K-35	35	35	K-75	75	75	K-120	120	120	<sup>2</sup> STK-160/80		160/80
K-40	40		K-80	80	80	<sup>2</sup> STK-120/80		120/80	K-175	175	
K-45	45		K-85	85	85	K-125	125		K-200	200	
K-50	50	50	K-90	90	90	K-130	130		<sup>2</sup> STK-200/100	200/100	
K-55	55		<sup>2</sup> STK-90/45		90/45	K-135	135				
K-60	60		K-95	95		K-150	150				
<b>Note:</b> Width or Length of K-30 through K-60 models can be parallel to floor.			K-100	100		<sup>2</sup> STK-150/100	150/100				
			<sup>2</sup> STK-100/50	100/50		K-160	160				
<b>CLEARANCES TO COMBUSTIBLES</b>			<b>CLEARANCES TO COMBUSTIBLES</b>			<b>CLEARANCES TO COMBUSTIBLES</b>			<b>CLEARANCES TO COMBUSTIBLES</b>		
Side of Heater		30"	Side of Heater		36"	Side of Heater		46"/ *48"	Side of Heater		48"
Back of Heater		30"	Back of Heater		30"	Back of Heater		33"	Back of Heater		33"
Top of Heater:			Top of Heater:			Top of Heater:			Top of Heater:		
Mounted 0° - 29°		60"	Mounted 0° - 29°		62"	Mounted 0° - 29°		64"/ *68"	Mounted 0° - 29°		68"
Mounted 30° only		48"	Mounted 30° only		50"	Mounted 30° only		58"/ *68"	Mounted 30° only		68"
w/ Heat Shield 0° - 30°		34"	w/ Heat Shield 0° - 30°		38"	w/ Heat Shield 0° - 30°		N.A.	w/ Heat Shield 0° - 30°		N.A.
Below Heater:			Below Heater:			Below Heater:			Below Heater:		
Standard Reflector		80"	Standard Reflector		105"	Standard Reflector		125"	Standard Reflector		140"
Parabolic Reflector		110"	Parabolic Reflector		135"	Parabolic Reflector		165"	Parabolic Reflector		180"
<b>OVERALL DIMENSIONS</b>			<b>OVERALL DIMENSIONS</b>			<b>OVERALL DIMENSIONS</b>			<b>OVERALL DIMENSIONS</b>		
Length		16 3/4"	Length		25 1/4"	Length		33 7/8"	Length		42 1/2"
Width (w/controls)		28 5/8"	Width (w/controls)		28 5/8"	Width (w/controls)		28 5/8"	Width (w/controls)		28 5/8"
Depth		8 3/4"	Depth		8 3/4"	Depth		8 3/4"	Depth		8 3/4"
Radiating Surface		173 sq."	Radiating Surface		346 sq."	Radiating Surface		519 sq."	Radiating Surface		692 sq."
Shipping Weight		30 lbs.	Shipping Weight		(K) 36 lbs. (STK) 41 lbs.	Shipping Weight		(K) 49 lbs. (STK) 54 lbs.	Shipping Weight		(K) 62 lbs. (STK) 67 lbs.

### CONTROL OPTIONS

CONTROL SUFFIX	GAS	IGNITION	SHUT-OFF	VOLTAGE*	MAX. POWER CONSUMPTION	PILOT
<sup>2</sup> STN	Natural	Direct Spark	100%	24 Volt	23 Volt Amps	None
<sup>2</sup> STL	Propane	Direct Spark	100%	24 Volt	23 Volt Amps	None
TAN	Natural	Manual	100%	Millivolt	None	Constant
TAL	LP	Manual	100%	Millivolt	None	Constant
DSAN	Natural	Direct Spark	100%	115 Volt	17 Volt Amps	None
DSAL	LP	Direct Spark	100%	115 Volt	17 Volt Amps	None
QSAN	Natural	Direct Spark	100%	24 Volt	16 Volt Amps	None
QSAL	LP	Direct Spark	100%	24 Volt	16 Volt Amps	None

### SYSTEM INFORMATION

<b>Manifold Operating Pressure</b> Nat. Gas: 6" WC    LP Gas: 10" WC
<b>Minimum Inlet Pressure</b> Nat. Gas: 7" WC    LP Gas: 11" WC
<b>Maximum Inlet Pressure</b> Nat. Gas: 14" WC    LP Gas: 14" WC
<b>Gas Inlet Connection</b> 1/2" FPT

# Solaronics



## Gas INFRA-RED Heaters

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