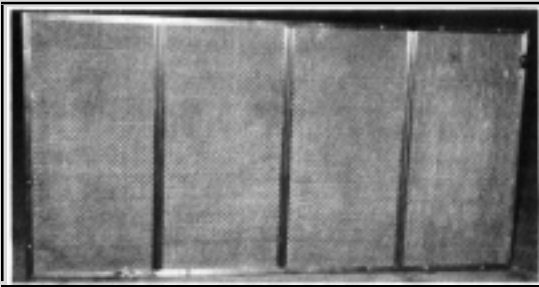


GAS CATALYTIC INFRARED HEATER



SPECIAL FEATURES

CONSERVES ENERGY

Infrared heating conserves energy by heating the product directly with infrared radiation and not the surrounding air. This minimizes the amount of energy wasted out the exhaust stack. For years our customers have realized these savings using Casso-Solar electric infrared heaters, and now these same savings can be realized using natural gas or propane.

SAVES FLOOR SPACE

Since the available energy is absorbed directly by the product being heated, much shorter oven lengths are required than with the use of conventional convection ovens, usually with increased throughputs!

SOLVENT SAFE

The Casso-Solar Gas Catalytic heater uses a catalytic reaction, and not an open flame, to convert natural gas or propane into infrared energy. The absence of a flame allows the Gas Catalytic Heater to be used in solvent drying applications where other gas fired equipment is prohibited.

EASY TO CONTROL

Casso-Solar Gas Catalytic Heaters offer many control possibilities ranging from simple manual systems to sophisticated temperature controlled fully automatic systems. Our sales staff is always available to help you choose the control scheme that is right for your process and budget.

Sales & Technical Information

800-988-4455

All other calls: 845-354-2500
 Fax: 845-362-1856
 Website: www.cassosolar.com
 E-mail: sales@cassosolar.com

With new product and process technology under continuous development, production equipment is required to give precise and flexible control over production quality, while operating efficiently with minimum maintenance. For over forty years, Casso-Solar Corporation has been providing our customers the competitive edge.

APPLICATIONS KNOW HOW

The correct usage of infrared process heating comes through years of lab testing and field installation experience. Casso-Solar Corporation has achieved this know how through over 40 years of providing infrared process equipment to the manufacturing community. We challenge you to put our process knowledge to the test!

GAS TRAIN

Complete, prepiped gas trains are available from Casso-Solar Corporation. Please specify F.M. or I.R.I. requirements. Individual and replacement gas train components are also available.

STANDARD SIZES

Casso-Solar Gas Catalytic Heaters have been specifically designed in convenient building block sizes to match industry standards. This allows users of Casso-Solar and competitive electric infrared heaters to switch to less expensive gas fuel without the need for a completely new installation.

THERMOCOUPLE

For the most precise control of Casso-Solar Gas Catalytic heaters, closed loop thermocouple feedback control is recommended. Manual, open loop control systems are also available.

ENVIRONMENTALLY SOUND

The products of combustion - mostly carbon dioxide and water - are produced without igniting the gaseous fuel. Virtually no NO_x or CO is produced.

EXTENDED LIFE

There are no wear parts that require routine servicing or replacement. Operation is essentially maintenance free.

PROCESS-FRIENDLY DESIGN

Ideal for applications requiring low airflow and minimal dust generation.



230 US Route 202, P.O. Box 163, Pomona, NY 10970

GAS CATALYTIC INFRARED HEATER

Heater Model	Heater Size	B.T.U.H Input	Cu. Ft/Hr		Op. Press		Preheat Amps			Ship Wt. (lbs)	Fuel Inlet
			NG	LP	NG	LP	120V	240V	480V		
N6-12	6" x 12"	3,000	3.0	1.2	7"WC	11"WC	.8	-	-	12	3/8 NPT
N6-24	6" x 24"	6,000	6.0	2.4	7"WC	11"WC	1.7	-	-	19	3/8 NPT
N12-12	12" x 12"	6,000	6.0	2.3	7"WC	11"WC	1.7	-	-	19	3/8 NPT
N12-24	12" x 24"	12,000	12.0	4.8	7"WC	11"WC	3.3	1.7	-	24	3/8 NPT
N12-36	12" x 36"	18,000	18.0	7.2	7"WC	11"WC	-	2.5	1.3	30	3/8 NPT
N12-48	12" x 48"	24,000	24.0	9.6	7"WC	11"WC	-	2.3	1.7	45	3/8 NPT
N12-60	12" x 60"	30,000	30.0	12.0	7"WC	11"WC	-	4.2	2.1	49	3/8 NPT
N18-36	18" x 36"	28,000	28.0	11.2	7"WC	11"WC	-	3.8	1.9	47	3/8 NPT
N18-48	18" x 48"	37,000	37.0	14.8	7"WC	11"WC	-	5.0	2.5	58	3/8 NPT
N18-60	18" x 60"	45,000	45.0	18.0	7"WC	11"WC	-	6.3	3.1	65	3/8 NPT
N24-36	24" x 36"	36,000	36.0	14.0	7"WC	11"WC	-	5.0	2.5	63	3/8 NPT
N24-48	24" x 48"	50,000	50.0	20.0	7"WC	11"WC	-	6.7	3.3	65	3/8 NPT
N24-60	24" x 60"	60,000	60.0	24.0	7"WC	11"WC	-	8.3	4.2	75	3/8 NPT

Heaters are stainless steel construction. Steel junction box standard on all models.

OPTIONS

- Thermoswitch
- 100% Safety Shut Off Valve
- Explosion-proof Junction Box.

Type J or K Control Thermocouple

ACCESSORIES

- Complete Microprocessor based P.I.D. Temperature Control Systems
- Complete Gas Trains
- Face Grills
- Regulators
- LP Tanks
- Pressure Switches



heaters are approved for use by FACTORY MUTUAL SYSTEM for hazardous locations Class I, Division 2, Group D CGA/AGA approval for Class I, Division I, Group D

Applications include:

- Paint curing of Liquids & Powders
- Vacuum Forming
- Thermo Forming
- Hazardous location heating
- Fiberglass gelcoat curing
- Water evaporation
- Activation of adhesives
- Screen print curing / drying
- and many more...

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Sales & Technical Information
1-800-988-4455