



# INFRARED HEATING SYSTEMS SR SERIES

INDUSTRIAL • COMMERCIAL • CAR WASH  
AGRICULTURAL • HARSH ENVIRONMENT



## Simply the best.

Contractors' choice for ease of installation, serviceability, and factory support, the Calcana SR Series is the largest and most powerful line of commercial infrared heaters available.

### Design Features Include:

**Certified for outdoor & indoor applications:** Units are design-certified to operate in outdoor environments, which include wind, rain, snow and temperatures as low as -40F. For indoor applications, the units can be safely vented through the wall or roof.

**Smart and efficient:** Uses 30-40% less energy than conventional heating systems. The superior 8-sided reflector design is the largest and best built in the industry. The totally enclosed burner head is accessible without tools.

**Slim, narrow dimensions:** Low clearance to combustible requirements. Easy to install in narrow, low overhead clearance locations.

**Flexible:** Various lengths and configurations available; sleek, architectural design. Multiple units can be grouped together to achieve any length required.

**Heavy-duty construction:** High quality materials and workmanship eliminates metal fatigue and reflector warp or separation. Manufactured with anti-walk reflector design so will not shift or twist during expansion and contraction.

**Natural gas or propane:** Units available for use with either fuel. Inputs from 40,000 to 200,000 BTUs/hr.

**Easy-light ignition system:** No pilot lights to ignite by hand, no valves to turn, no thermocouples to replace. By using a reliable 3-Try, direct spark, electronic, 100% safety shut off ignition system, units safely and consistently operate in all types of conditions.

**Numerous applications include:** Warehouses • Car washes • Aircraft hangers • Agricultural facilities • Fire Stations • Manufacturing facilities • Loading docks • Automotive service facilities • Greenhouses • Arenas • Indoor tennis facilities .



## General Specifications

USA Rating (Input: Natural & L.P. Gas) 0-2000' elevation

CAN Rating (Input: Natural & L.P. Gas) 0-4500' elevation

**Rating** (Input: Natural and L.P. Gas)

MODEL	INPUT (BTU/hr)	LENGTH	
		MIN	MAX
SR-40	40,000	10'	20'
SR-50	50,000	20'	20'
SR-60	60,000	20'	40'
SR-75	75,000	20'	40'
SR-80	80,000	20'	40'
SR-100	100,000	20'	50'
SR-125	125,000	30'	50'
SR-150	150,000	40'	60'
SR-175	175,000	40'	70'
SR-200	200,000	50'	80'

### Gas Pressure at Manifold

Natural Gas ..... 3.5" W.C.

L.P. Gas ..... 10.5" W.C.

Gas Connection Size ..... 0.5" N.P.T.

### Gas Inlet Pressure

Gas	MIN	MAX
Natural	4.5" W.C.	14.0" W.C.
L.P.	11.5" W.C.	14.0" W.C.

### Optional Equipment

- Side reflectors
- Side Wall Vent Kit
- Elbow Kit
- "U" Bend Kit
- Aluminized Steel Tube
- Stainless Steel
- Thermostat

### Standard Equipment

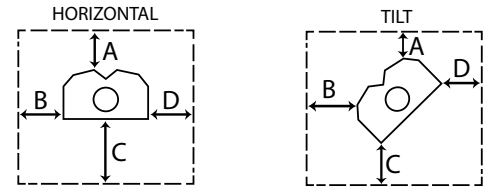
Burner control housing is pre-assembled and pre-wired. This unit comes complete with the following:

- industry standard gas and electrical & venting connections
- balanced air rotor
- thermal overload protected motor
- visual burner inspection sight glass
- combustion and air proving safety switches
- spark ignition control - 3 Try
- low voltage thermostat connection
- 4" aluminized combustion tube
- polished aluminum standard reflector
- 4" mild steel radiant heat exchanger
- tube couplers
- joint/hanger pieces
- heat economizer baffle

### Electrical Rating

- DSI Ignition
- 120v, 60 Hz, 1 Amps
- 1.0 Amp SR-40 to SR-125
- 2.25 Amp SR-150 – SR-200

## Clearance to Combustibles



MODEL	A	B	C	D
SR-40	6	12	36	12
SR-50	6	12	36	12
SR-60	6	15	44	15
SR-75	6	20	50	20
SR-80	6	20	53	20
SR-100	6	22	55	22
SR-125	6	22	55	22
SR-150	6	24	60	24
SR-175	6	24	65	24
SR-200	6	27	65	27

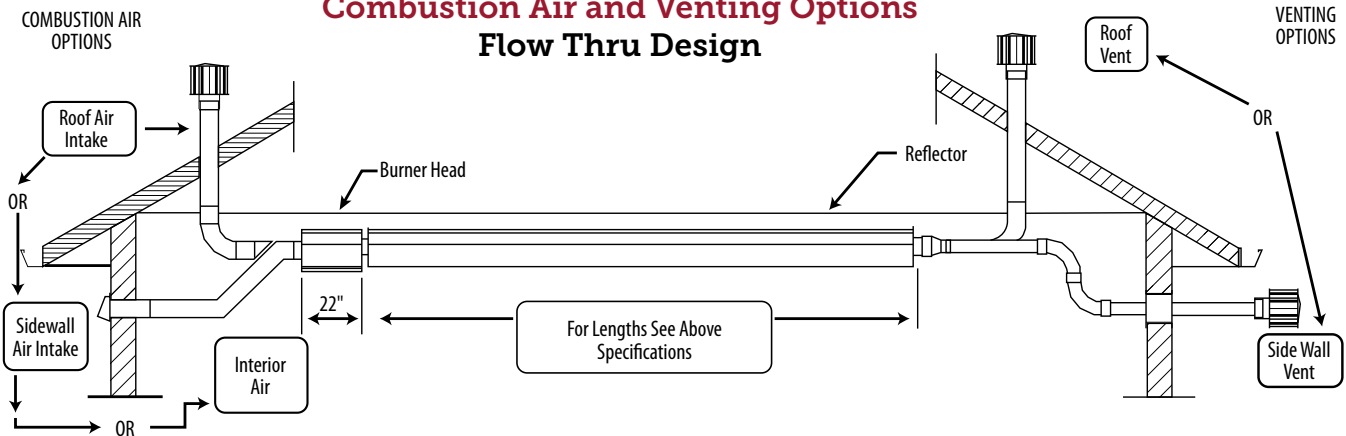
MODEL	A	B	C	D
SR-40	6	6	36	36
SR-50	6	6	36	36
SR-60	6	6	44	44
SR-75	6	6	50	50
SR-80	6	6	53	53
SR-100	6	6	55	55
SR-125	6	6	55	55
SR-150	6	6	60	60
SR-175	6	6	65	65
SR-200	6	6	65	65

All dimensions are in inches. Refer to installation instructions for complete details.

**Design certified for indoor and outdoor applications.**



## Combustion Air and Venting Options Flow Thru Design



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**DESIGNED AND MANUFACTURED IN THE USA AND CANADA**

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