

HEATER SUBMITTAL SHEET

DR SERIES HIGH INTENSITY HEATERS

GAS-FIRED, HIGH INTENSITY, LUMINOUS INFRARED HEATERS & ACCESSORIES

Submitted By: _____	Date: _____
Local Representative: _____	Name: _____
Phone: _____	Email: _____
Notes: _____	

Engineer: _____	Contractor: _____
Project Title: _____	Phone: _____
Address: _____	Address: _____
City: _____	City: _____
State: _____ Zip: _____	State: _____ Zip: _____

QTY.	MODEL #	TAG	INPUT BTU/h (Indicate Gas Type)		CERAMIC OPERATING TEMP.	SQ. IN. of RADIATING SURFACE	TYP. OR RCMD. MOUNTING HEIGHTS (Standard Reflector)	CONTROL VOLTAGE (See Page 2)			
			NATURAL GAS	PROPANE GAS				NET WEIGHT	— DIRECT SPARK — 120V 24V	Millivolt	
	DR 30		30,000	30,000	1780° F	85	12' to 14'	18 lbs.			
	DR 30(S)		30,000	30,000	1780° F	85	12' to 14'	18 lbs.			
	DR 45		45,000	45,000	1660° F	170	12' to 14'	27 lbs.			
	DR 50		50,000	50,000	1690° F	170	12' to 14'	27 lbs.			
	DR 55		55,000	55,000	1740° F	170	13' to 15'	27 lbs.			
	DR 60		60,000	60,000	1780° F	170	14' to 16'	27 lbs.			
	DR 75		75,000	75,000	1690° F	255	15' to 17'	36 lbs.			
	DR 80		80,000	80,000	1720° F	255	15' to 17'	36 lbs.			
	DR 85		85,000	85,000	1750° F	255	16' to 18'	36 lbs.			
	DR 90		90,000	90,000	1780° F	255	16' to 18'	36 lbs.			
	DR 95		95,000	N/A	1800° F	255	17' to 20'	36 lbs.			
	DR 100		100,000	N/A	1810° F	255	17' to 20'	36 lbs.			
	DR 130		130,000	120,000	1810° F	340	21' to 24'	45 lbs.			
	DR 160		160,000	145,000	1810° F	425	24' to 28'	54 lbs.			


**DETROIT RADIANT
PRODUCTS COMPANY**

Detroit Radiant Products | Phone: (586) 756-0950
21400 Hoover Rd. | Email: sales@drp-co.com
Warren, MI 48089 | www.reverberray.com

LSDR-09/21 (DRPC)

DR SERIES FEATURED SPECIFICATIONS

APPROVALS

- CSA Design Certified
- Commercial/Industrial Approval

NOMINAL MANIFOLD PRESSURE

- Natural Gas—6.0 in. W.C.
- Propane Gas—10.0 in W.C.

MINIMUM HEATER INLET PRESSURE

- Natural Gas—7.0 in. W.C.
- Propane Gas—11.0 in W.C.

GAS SUPPLY

- ½ lb. or 14.0 in. W.C.

INLET PIPE SIZE

- ½" NPT

MOUNTING

- 20° to 35° from horizontal
- Optional—Horizontal parabolic reflector (specify size) to emulate 0°–15° angle.

VA DRAW

- 24 VAC—12.0
- 120 VAC—12.0

AMP DRAW

- 24 VAC—0.48
- 120 VAC—0.10

LIMITED WARRANTY

- 1 year—Control assembly
- 5 years—Ceramic burner(s)

CONTROL TYPE		CONTROL VOLTAGE	CONTROL DESCRIPTION
Nat.	Prop.		
NFS-2	PFS-2	120 V or 24 V	Direct Spark Ignition 100% Shutoff
NMV-2	PMV-2	Millivolt	Manual Ignition Constant Pilot 100% Shutoff Self-Energizing Wire & Thermostat

All spark models include potted circuitry for use in high moisture applications.

⚠ WARNING

Read and understand the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment. Only trained, qualified gas installation and service personnel may install or service this equipment.

This heater is **NOT** for home or recreational use. **DO NOT USE in the home**, living quarters, attached garages, mobile homes, RVs, campers, tents, etc.

OPTIONAL ACCESSORIES

- DRCS** Chain mounting set. 5' chain set with four (4) S-hooks. Preset mounting angle of 30°.
- DR-#HPR** Horizontal parabolic reflector. Directs rays directly downward. Can be used for matching horizontal mounting specifications.
- DR-#PR** Full parabolic reflector. Directs rays in a more focused pattern. Typically used in high mounting applications.
- DR-#PRSC** Full parabolic reflector with screen. Directs rays in a more focused pattern. Outer screen protects ceramic grids from objects striking the heater.
- DR-#SC** DR heater screen. Screen slips on the outside of the reflectors and protects the ceramic grids. Not for use with DR-#HPR.
- FC-24** 24" stainless steel flexible connector (½" I.D.) with plated steel fittings. Not for use with gas pressures in excess of ½ PSI. Both fittings are ½" pipe thread by ½" flare thread. Consult local codes for compliance.
- FC-36** 36" stainless steel flexible connector (¾" I.D.) with plated steel fittings. Not for use with gas pressure in excess of ½ PSI. Both fittings are ¾" pipe thread by ½" flare thread. NOTE: ½" x ¾" reducer required to connect to heater (field supplied). For use with DRI30 and DRI60 models. Consult local codes for compliance.
- GC-50** Ball valve, 2 PSI maximum pressure, ½" x ½" FPT, with ⅛" NPT side pressure tap. Fits 30-160 MBH models.
- PLQ** Warning plaque. Mounted below heater. Restates the clearances to combustibles warning.
- _____
- _____

= Specify Number: 1=DR 30; 2= DR 45–60; 3 = DR 75–100; 4 = DR 130; 5 = DR 160



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