



ReflectoRay^{EDS}® 4DI

**Modulated
Dual Input
Radiant
Heating
Systems**

**Custom
Designed for
Work Spaces &
Warehousing.**

**Superior to
Conventional
Heating Systems.**

**Saves on
Energy Costs.**

**Reduces
Temperature
Fluctuations.**

Reflect O Ray^{EDS} 4DI

Modulated Dual Input Engineered Designed System Vacuum Vented

Burner	Btu/hr Input (High Fire)	BTU/hr Input (Low Fire)	Radiant Tube Lengths	
			Min. ft.	Max. ft.
08040.NG/LP.DI	40,000	28,000	30	45
08045.NG/LP.DI	45,000	31,000	30	45
08050.NG/LP.DI	50,000	35,000	30	45
08055.NG/LP.DI	55,000	38,000	30	50
08060.NG/LP.DI	60,000	42,000	30	50
08065.NG/LP.DI	65,000	45,000	30	60
08070.NG/LP.DI	70,000	48,000	40	60
08075.NG/LP.DI	75,000	52,000	40	60
08080.NG/LP.DI	80,000	55,000	40	60
08085.NG/LP.DI	85,000	57,000	40	60
08090.NG/LP.DI	90,000	62,000	40	60
08095.NG/LP.DI	95,000	65,000	40	60
08100.NG/LP.DI	100,000	70,000	50	70
08105.NG/LP.DI	105,000	73,000	60	80
08110.NG/LP.DI	110,000	76,000	60	80
08115.NG/LP.DI	115,000	79,000	60	80
08120.NG/LP.DI	120,000	83,000	60	80
08125.NG/LP.DI	125,000	86,000	60	80
08130.NG/LP.DI	130,000	90,000	60	80
08135.NG/LP.DI	135,000	93,000	60	80
08140.NG/LP.DI	140,000	97,000	60	80
08145.NG/LP.DI	145,000	100,000	60	80

Burner	Btu/hr Input (High Fire)	BTU/hr Input (Low Fire)	Radiant Tube Lengths	
			Min. ft.	Max. ft.
08150.NG/LP.DI	150,000	104,000	60	80
08155.NG/LP.DI	155,000	107,000	60	80
08160.NG/LP.DI	160,000	110,000	60	80
08165.NG/LP.DI	165,000	114,000	60	80
08170.NG/LP.DI	170,000	117,000	60	80
08175.NG/LP.DI	175,000	121,000	70	90
08180.NG/LP.DI	180,000	124,000	70	90
08185.NG/LP.DI	185,000	128,000	70	90
08190.NG/LP.DI	190,000	131,000	70	90
08195.NG/LP.DI	195,000	135,000	70	90
08200.NG/LP.DI	200,000	138,000	70	100
08205.NG/LP.DI	205,000	142,000	70	100
08210.NG/LP.DI	210,000	145,000	70	100
08215.NG/LP.DI	215,000	149,000	70	100
08220.NG/LP.DI	220,000	152,000	70	100
08225.NG/LP.DI	225,000	155,000	70	100
08230.NG/LP.DI	230,000	159,000	70	100
08235.NG/LP.DI	235,000	162,000	70	100
08240.NG/LP.DI	240,000	166,000	70	100
08245.NG/LP.DI	245,000	169,000	70	110
08250.NG/LP.DI	250,000	173,000	70	110

Clearance to Combustibles (Inches) – Inputs shown below are for high fire input listing

Burner	08040 to 08055		08060 to 08075		08080 to 08100		08105 to 08125		08130 to 08150		08155 to 08175		08180 to 08200		08205 to 08225		08230 to 08250	
	Horz.	45°	Horz.	45°	Horz.	45°	Horz.	45°	Horz.	45°	Horz.	45°	Horz.	45°	Horz.	45°	Horz.	45°
Top	4	4	4	4	4	4	4	4	4	4	6	6	6	6	8	8	8	8
Side -Back	12	4	24	4	29	4	34	4	38	6	40	6	44	9	46	12	51	12
Side - Front	12	36	24	45	29	66	34	76	38	88	40	89	44	94	46	96	51	100
Bottom	41	36	50	40	60	54	76	66	83	73	85	77	91	81	96	88	100	92

For additional mounting options and list of reduced clearances, complete installation, operation and service, please see the current issue of the Reflect-O-Ray^{EDS} 4DI Installation, Service, Maintenance and Parts Manual

System Features

Burner Assembly	Powder Coated For Superior Corrosion Resistance (Optional Stainless Steel)
Burner Weight	28 lbs.
Electrical Supply	24 VAC (31 VA) or Optional 120V, 60 Hz.
Gas Connection	1/2" or 3/4" NPT – Stainless Steel Flex Included With Each Burner
Combustion Tube (1 st Tube)	4" O.D. Aluminized Steel 40K to 170K - Alumatherm 175K to 250K
Heat Exchanger Tubing	4" O.D. Aluminized Steel -Standard (Optional - Stainless Steel)
Exhaust flue O.D. (in.)	4" - 6"
Reflectors	.024 Bright Aluminum (Optional .024 Stainless Steel)
Ignition Control	Solid State, 3 Try Spark Ignition, 100% Shut-Off, Prepurge, 1 Hour Reset
CSA Standards	ANSI Z83.20 / CSA 2.34
Warranty	One Year On Ignition Controls & Electrical Components (Optional 3 years) 10 Year on Radiant Tubes – Refer to Owners Manual for Details

Installation Codes: COMBUSTION RESEARCH CORP. products are to be installed in accordance with local codes, laws and regulations and only by a contractor qualified in the installation and service of gas fired heating equipment.

For Further Information please contact your Independent Reflect-O-Ray^{EDS} distributor or the factory for details.



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