

GAS-FIRED INFRA-RED HEATERS



Save up to

50%

Fuel Savings

(over forced air systems)

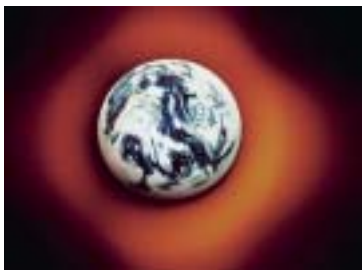


Ideal for heating:

- Aircraft Hangars
- Atriums
- Auto Body Shops
- Firehouses
- Hockey Rinks
- Loading Docks
- Pole Barns
- Machine Shops
- Manufacturing
- Stores
- Truck Facilities
- Warehouses
- Tool Shops & Sheds
- And Many More...

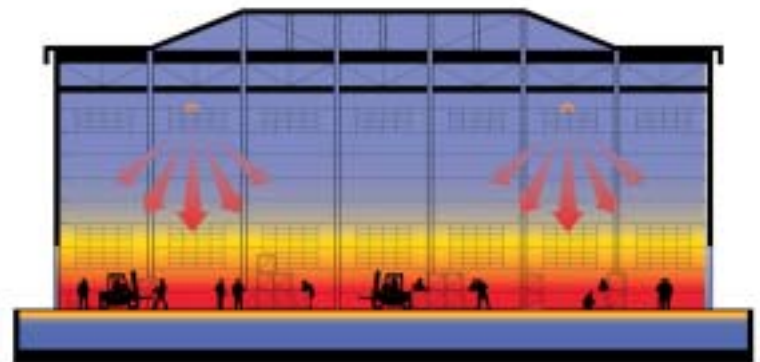
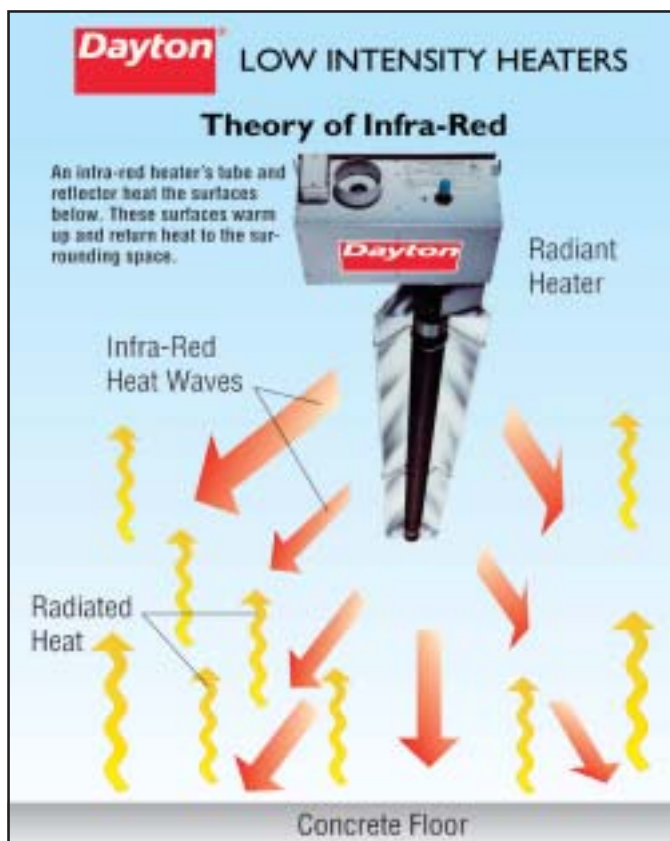
Dayton

THE EFFICIENCY OF INFRA-RED HEATING



Dayton Infra-Red Heaters emulate the true efficiency of the sun. Infra-red heaters generate energy which is converted into heat when absorbed by the floors, animals, people and objects. The energy is then “re-radiated” to warm the surrounding area by convection. This is the most efficient and effective method of heating under the diverse and challenging conditions present in most commercial and industrial applications.

LOW INTENSITY GAS-FIRED INFRA-RED HEATERS



INFRA-RED HEATING SYSTEM

Dayton low intensity infra-red tube heaters offer more than economy. Quality construction and operational features make the Dayton system the best in this class of equipment. Low intensity tube heaters utilize hot surface ignition, mirror finished aluminum reflectors and end caps. Choose from natural or propane gas, 50 to 150 MBTU/H, 20 to 60 foot lengths in straight, 'U' or 'L' shaped configurations.

TYPICAL APPLICATIONS



Fire Stations



Garages



Patios

fra-Red Heaters

DAYTON SERIES MODEL & SAFETY INFORMATION

COMBO #	BURNER BOX #	TUBE & REFL PKG# - (TUBE TYPE)	LENGTH (FT)	BTU/H	GAS TYPE	TYP. MTG. HEIGHTS
7E256*	5KH05*	5MX61 - (TYPE 10-3" - ALUM)	12'-3"	25,000	NAT	8' - 11'
7E257*	5KH06*	5MX61 - (TYPE 10-3" - ALUM)	12'-3"	25,000	LP	8' - 11'
7E258*	5KH35*	5MX62 - (TYPE 20-3" - ALUM)	21'-7"	40,000	NAT	8' - 13'
7E259*	5MM39*	5MX62 - (TYPE 20-3" - ALUM)	21'-7"	40,000	LP	8' - 13'
7D837A	5VD67A	5VD88 - (TYPE 20-4" - ALUM)	21'-7"	50,000	NAT	10' - 15'
7D838A	5VD68A	5VD88 - (TYPE 20-4" - ALUM)	21'-7"	50,000	LP	10' - 15'
7D839A	5VD69A	5VD88 - (TYPE 20-4" - ALUM)	21'-7"	75,000	NAT	12' - 18'
7D840A	5VD70A	5VD88 - (TYPE 20-4" - ALUM)	21'-7"	75,000	LP	12' - 18'
7D841A	5VD71A	5VD89 - (TYPE 30-4" - ALUM)	31'-3"	100,000	NAT	13' - 20'
7D842A	5VD72A	5VD89 - (TYPE 30-4" - ALUM)	31'-3"	100,000	LP	13' - 20'
7D843A	5VD73A	5VD91 - (TYPE 40-4" - ALUM)	40'-11"	100,000	NAT	13' - 20'
7D844A	5VD74A	5VD91 - (TYPE 40-4" - ALUM)	40'-11"	100,000	LP	13' - 20'
7D845A	5VD75A	5VD91 - (TYPE 40-4" - ALUM)	40'-11"	125,000	NAT	15' - 25'
7D846A	5VD76A	5VD91 - (TYPE 40-4" - ALUM)	40'-11"	125,000	LP	15' - 25'
7D847A	5VD77A	5VD90 - (TYPE 40-4" - AL-TI)	40'-11"	150,000	NAT	16' - 30'
7D848A	5VD78A	5VD90 - (TYPE 40-4" - AL-TI)	40'-11"	150,000	LP	16' - 30'
7D849A	5VD79A	5VD90 & 5VD88 - (TYPE 40-4" - AL-TI & TYPE 20-4" - ALUM)	60'-3"	150,000	NAT	16' - 30'
7D851A	5VD80A	5VD90 & 5VD88 - (TYPE 40-4" - AL-TI & TYPE 20-4" - ALUM)	60'-3"	150,000	LP	16' - 30'

NOTE: Typical mounting heights listed above are provided as a guideline. Actual conditions may dictate variations from the above data. Other models and special requests are available through FindMRO. Replacement parts are available through Grainger Parts Operation.

SPECIFICATIONS

Commercial & Industrial Models

- **BTU/H Range:** 50-150 MBTU/H
- **Length:** 20-60 feet per system
- **Limited Warranty:** 3 years tubes, 1 year components
- **Combustion Tube:** 4" Aluminized or titanium treated steel. Slip-fit connection.
- **Radiant Tube(s):** 4" O.D. aluminized steel coated with a high temperature, corrosion resistant black coating. .95 emissivity. Slip-fit connection.
- **Electrical:** 120V AC, 60 HZ, hot surface ignition. 4.8 amp startup.

Residential Models *Approved for commercial and residential use.

- **BTU/H Range:** 25-40 MBTU/H
- **Length:** 10-20 feet per system
- **Limited Warranty:** 3 years tubes, 1 year components
- **Combustion Tube:** 3" Aluminized or titanium treated steel. Slip-fit connection.
- **Radiant Tube(s):** 3" O.D. aluminized steel coated with a high temperature, corrosion resistant black coating. .95 emissivity. Slip-fit connection.
- **Electrical:** 120V AC, 60 HZ, hot surface ignition. 4.8 amp startup.

Standard Equipment

- 24" stainless flex connector.
- Gas cock.
- Reflector center support.
- Hanging accessories.

CLEARANCE TO COMBUSTIBLES (IN.)

MODEL NO.	MOUNTING ANGLE	SIDE		TOP	BELOW
		FRONT	BEHIND		
DAYTON - 5VD67A, 5VD68A (20' Min. - 40' Max.)					
50,000 BTU [N, LP]	0°	9	9	6	47
7D - 837A, 838A	45°	39	8	10	47
DAYTON - 5VD69A, 5VD70A (20' Min. - 40' Max.)					
75,000 BTU [N, LP]	0°	9	9	6	60
7D - 839A, 840A	45°	39	8	10	60
DAYTON - 5VD71A, 5VD72A, 5VD73A, 5VD74A (30' Min. - 40' Max.)					
100,000 BTU [N, LP]	0°	14	14	6	66
7D - 841A, 842A, 843A, 844A	45°	39	8	10	66
DAYTON - 5VD75A, 5VD76A (40' Min. - 60' Max.)					
125,000 BTU [N, LP]	0°	20	20	6	76
7D - 845A, 846A	45°	58	8	10	76
DAYTON - 5VD77A, 5VD78A, 5VD79A, 5VD80A (20' Min. - 40' Max.)					
150,000 BTU [N, LP]	0°	24	24	6	81
7D - 847A, 848A, 849A, 851A	45°	58	8	10	81
RESIDENTIALLY CERTIFIED MODELS					
DAYTON - 5KH05, 5KH06 (10 Ft. only)					
25,000 BTU [N, LP]	0°	20	20	6	76
7E - 256, 257	45°	58	8	10	76
DAYTON - 5KH35, 5MM39 (20 Ft. only)					
40,000 BTU [N, LP]	0°	20	20	6	76
7E - 258, 259	45°	58	8	10	76

Always maintain published clearances to combustibles. Failure to comply with the stated clearance to combustibles could result in personal injury, death and/or property damage.

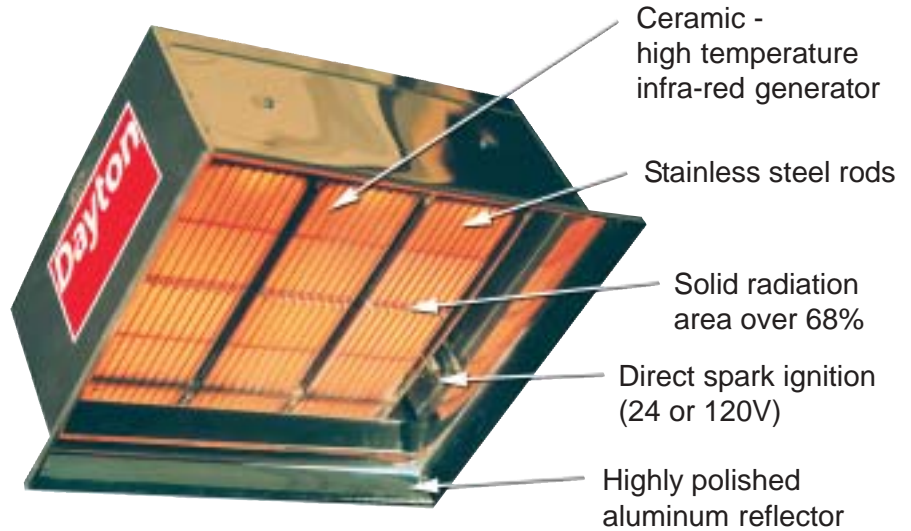
OPTIONAL ACCESSORIES	STOCK NO.
INDUSTRIAL AND RESIDENTIAL (3 OR 4" MODELS)	
Clearance Safety Limit Sign	5VD82
Side Shield Reflector Extension	5VD86
Angle Mounting Bracket	5VD54
Outside Combustion Air Inlet Cap	3F837
INDUSTRIAL ONLY (4" MODELS ONLY)	
5-Ft. Tube and Reflector Extension	5VD87
10-Ft. Tube and Reflector Extension	3VH27
180° "U" Bend Fitting	3F835
Single Mounting Bracket	5VD85
Reflector "U"	5VD84
90° Elbow Pipe Fitting	3T271
Reflector Elbow	5VD83
Unvented Outlet Cap	3F839
4" Side Wall Venting Kit	2C448
Dual Exhaust Assembly	3F817
6" Side Wall Venting Kit	2F211
RESIDENTIAL ONLY (3" MODELS ONLY)	
3" Side Wall Venting Package	3VH38

HIGH INTENSITY GAS-FIRED INFRA-RED HEATERS

Dayton® GAS-FIRED HIGH INTENSITY HEATERS

High Intensity heaters are commonly used in areas with high air infiltration, high ceilings and/or spot heating applications. High Intensity heaters are available in several configurations including three different control options.

NOT FOR RESIDENTIAL USE!

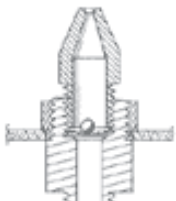


High Intensity Offering

MODEL	BTU/H	GAS TYPE	VOLTAGE	CERAMIC OPERATING TEMP	SQ. IN. OF RADIATING SURFACE	DIMENSIONS (D x W x H)	TYPICAL MTG. HGT. (FT.)	CLEARANCE TO COMBUSTIBLES (IN.)				NET WEIGHT
								SIDES	BEHIND	TOP	BELOW	
3E132	30,000	Natural	120V	1780°F	85 SQ. IN.	12"x13"x23"	12' - 14'	30	18	28	72	18#
3E460	30,000	Propane	120V	1780°F	85 SQ. IN.	12"x13"x23"	12' - 14'	30	18	28	72	18#
5VD61	30,000	Natural	24V	1780°F	85 SQ. IN.	12"x13"x23"	12' - 14'	30	18	28	72	18#
5VD62	30,000	Propane	24V	1780°F	85 SQ. IN.	12"x13"x23"	12' - 14'	30	18	28	72	18#
3E133	60,000	Natural	120V	1780°F	170 SQ. IN.	12"x19"x23"	14' - 16'	32	18	40	72	27#
3E461	60,000	Propane	120V	1780°F	170 SQ. IN.	12"x19"x23"	14' - 16'	32	18	40	72	27#
5VD63	60,000	Natural	24V	1780°F	170 SQ. IN.	12"x19"x23"	14' - 16'	32	18	40	72	27#
5VD64	60,000	Propane	24V	1780°F	170 SQ. IN.	12"x19"x23"	14' - 16'	32	18	40	72	27#
3E134	90,000	Natural	120V	1780°F	255 SQ. IN.	12"x26"x23"	16' - 18'	48	30	42	98	36#
3E462	90,000	Propane	120V	1780°F	255 SQ. IN.	12"x26"x23"	16' - 18'	48	30	42	98	36#
5VD65	90,000	Natural	24V	1780°F	255 SQ. IN.	12"x26"x23"	16' - 18'	48	30	42	98	36#
5VD66	90,000	Propane	24V	1780°F	255 SQ. IN.	12"x26"x23"	16' - 18'	48	30	42	98	36#

Dayton® GAS FIRED, PORTABLE INFRA-RED HEATERS

Portable units are the perfect heater for use in buildings under construction, alteration or repair. Portable units are available in 16 or 32 MBTU/H and feature a patented safety tip over device for extra safety. CSA Design Certified safety control and thermocouple. Units include mounting bracket, UL Listed L.P. hose, regulator and excess flow Type 1 fitting.



Patented Feature
Patent 4380428

Safety Tip-Over Check

Ball check at orifice shuts off gas to unit in event heater falls over from ground thawing, negligence, animal or object striking heater.



NOT FOR RESIDENTIAL USE!



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