

21MK93

FUEL TYPE - CONTROL VOLTAGE

#### **≠WILLIAMS**

### **Vented Surface-Mount Gas Wall Heaters**

- Matchless piezo ignition
- Manual push button power source

Units release combustion fumes outside of the space being heated. Good for areas like trailers and homes without taking up limited floorspace.



Heating	Heating					
Capacity Input	Capacity Output	Overall Height	Overall Width	Overall Depth	Mfr. Model	Item No.
	Forced Convection				Monei	NU.
17,700 BtuH	13,500 BtuH	28 1/8 in	21 ¾ in	8 1/4 in	1773512	36FK32
Natural Gas, Gra	vity Convection H	eating Metho	d			
14,000 BtuH	9,800 BtuH	26 1/4 in	18 in	7 1/8 in	1403822	36FK26
22,000 BtuH	16,462 BtuH	28 in	32 1/8 in	10 1/4 in	2203822	36FK27
30,000 BtuH	21,000 BtuH	28 in	32 1/8 in	10 ¼ in	3003822	36FK28
Propane, Fan Fo	rced Convection I	leating Metho	od, 129 cfm			
17,700 BtuH	13,500 BtuH	28 1/8 in	21 ¾ in	8 1/4 in	1773511	36FK34
Propane, Gravity	Convection Heati	ing Method				
14,000 BtuH	9,800 BtuH	26 1/4 in	18 in	7 1/8 in	1403821	36FK29
22,000 BtuH	16,462 BtuH	28 in	32 1/8 in	10 1/4 in	2203821	36FK30
30,000 BtuH	21,000 BtuH	28 in	32 1/8 in	10 1/4 in	3003821	36FK31
					Mf	r. Item
	ı	Description			Mod	lel No.
Accessories						
Optional Blower.	135 cfm, For Use	with 36FK30			230	2 <b>36FK79</b>
	125 cfm. For Use				230	3 36FK78
	Heaters, 15 in L. F		3FK27, 36FK28	. 36FK30. 3	6FK31 930	1 36FK81
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**Find Portable Gas Patio** Heaters on page 2954 and on Grainger.com.



#### Dayton

## **Suspended Infrared Gas Wall & Ceiling Patio Heaters**

- Ignition type: direct spark
- Stainless steel housing

Heaters warm outdoor areas like patios, porches, shopping areas, and pathways. They suspend from the ceiling with included brackets or mount on the wall. Infrared heating warms people directly instead of the ambient air.

Heating Capacity Input	Min. Mounting Height	Floor Coverage @ Min. Mounting Height	Housing Color	Overall Height	Overall Width	Overall Depth	Item No.
Natural Gas							
34,000 BtuH	8 ft	8 x 8 ft	Silver	10 % in	9 in	48 ¾ in	21MK93
Propane							
31,000 BtuH	8 ft	8 x 8 ft	Silver	10 % in	9 in	48 ¾ in	21MK94



### Dayton

# **Suspended Infrared Flat Panel Gas Ceiling Heaters**

- Ignition type: direct spark
- Indoor use only

Commonly used to heat factories, warehouses, auto service garages, ice rinks, and other areas. Infrared heating warms people instead of the ambient air.

Heating Capacity Input	Min. Mounting Height	Floor Coverage @ Min. Mounting Height	Clearance to Combustibles - Top x Below x Sides	Overall Width	Natural Gas 120 V AC Item No.	Natural Gas 24 V AC Item No.	Propane 120 V AC Item No.	Propane
Heaters, 22	½ in H x 15°	¼ in D,½ in NPT (	Connection					
30,000 BtuH	9 to 10 ft	10 ft x 10 ft	28 in x 72 in x 30 in	12 ¾ in	3E132	5VD61	3E460	5VD62
60,000 BtuH	12 to 14 ft	16 ft x 16 ft	40 in x 72 in x 32 in	19 1/8 in	3E133	5VD63	3E461	5VD64
90,000 BtuH	16 to 18 ft	20 ft x 20 ft	42 in x 98 in x 48 in	26 5/8 in	3E134	5VD65	3E462	5VD66

Description	For Use With	No.
Replacement Parts		
3 Prong Electrode	3E132 to 3E134 (C, D, E), 3E460 to 3E462 (B, C), 5VD61 to 5VD66	1FEK9
Circuit Board, 120V	3E132 to 3E134 (C, D, E), 3E460 to 3E462 (B, C), Note: Requires 1FEK4	1FEK3
Circuit Board, 24V	5VD61 to 5VD66, Note: Requires 1FEK8	1FEK6
High Intensity Rayhead	3E132 to 3E134, 3E461, 3E462, 5VD61, 5VD63 to 5VD66	1FEL1
High Voltage Wire	3E132E, 3E133E, 3E134E, 3E460C, 3E461C, 3E462C, 5VD61A, 5VD62A, 5VD63A, 5VD64A, 5VD65A, 5VD66A	24KR77
Natural Gas Valve, 120V	3E132 to 3E134 (C, D, E)	1FEK1
Natural Gas Valve, 24V	5VD61, 5VD63, 5VD65 (All Models)	1FEK5
Propane Gas Valve, 120V	3E460 to 3E462 (B, C)	1FEK2
Propane Gas Valve, 24V	5VD62, 5VD64, 5VD66 (All Models)	1FEK7
Wiring Harness, 120 Volts, 120V	3E132 to 3E134 (C, D, E), 3E460 to 3E462 (B, C), (Mates to 1FEK3)	1FEK4
Wiring Harness, 24 Volts	5VD61 to 5VD66 (Mates to 1FEK6)	1FEK8



# **Suspended Infrared Tube Gas Ceiling Heaters**

- Ignition type: hot surface
- Indoor use only

2960

Heaters use either inside or outside air for combustion, and can also be installed vented or unvented. Commonly used to heat factories. warehouses, aircraft hangars, auto service garages, and other large areas.

Heating	Radiant	Min.	Floor Coverage @ Min.				FUEL Natural Gas	TYPE Propane
Capacity Input	Tube Length	Mounting Height	Mounting Height	Clearance to Combustibles 0° - Top x Below x Sides	Clearance to Combustibles 45° - Top x Below x Sides	Overall Depth	Item No.	Item No.
Heaters, 8 1/2 i	n H x 18 1/8	in W, ½ in	NPT Connection	on .				
50,000 BtuH	20 ft	10 ft	20 ft x 20 ft	6 in x 47 in x 9 in x 9 in	10 in x 47 in x 39 in x 8 in	21 5/8 ft	7D837	7D838
75,000 BtuH	20 ft	13 ft	26 ft x 20 ft	6 in x 60 in x 9 in x 9 in	10 in x 60 in x 39 in x 8 in	21 5/8 ft	7D839	7D840
100.000 BtuH	30 ft	15 ft	30 ft x 30 ft	6 in x 66 in x 14 in x 14 in	10 in x 66 in x 39 in x 8 in	31 5/16 ft	7D841	7D842
וטט,טטט טנעח	40 ft	15 ft	30 ft x 40 ft	6 in x 66 in x 14 in x 14 in	10 in x 66 in x 39 in x 8 in	41 ft	7D843	7D844
125,000 BtuH	40 ft	15 ft	30 ft x 40 ft	6 in x 76 in x 20 in x 20 in	10 in x 76 in x 58 in x 8 in	41 ft	7D845	7D846
	40 ft	16 ft	32 ft x 40 ft	6 in x 81 in x 24 in x 24 in	10 in x 81 in x 58 in x 8 in	41 ft	7D847	7D848
150.000 BtuH	50 ft	15 ft	30 ft x 50 ft	6 in x 81 in x 24 in x 24 in	10 in x 81 in x 58 in x 8 in	50 % ft	7AR80	7AR79
	60 ft	16 ft	32 ft x 60 ft	6 in x 81 in x 24 in x 24 in	10 in x 81 in x 58 in x 8 in	60 5/16 ft	7D849	7D851
475 000 Dt!!	50 ft	17 ft	34 ft x 50 ft	6 in x 92 in x 34 in x 34 in	10 in x 92 in x 63 in x 8 in	50 5/8 ft	7AR83	7AR81
175,000 BtuH	60 ft	17 ft	34 ft x 60 ft	6 in x 92 in x 34 in x 34 in	10 in x 92 in x 63 in x 8 in	60 5/16 ft	7AR84	7AR82
200 000 Ptull	50 ft	18 ft	36 ft x 50 ft	6 in x 94 in x 41 in x 41 in	10 in x 94 in x 63 in x 8 in	50 5/8 ft	7AR87	7AR85
200,000 BtuH	60 ft	18 ft	36 ft x 60 ft	6 in x 94 in x 41 in x 41 in	10 in x 94 in x 63 in x 8 in	60 5/16 ft	7AR88	7AR86
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Accessories	
90° Elbow Pipe Fitting, Converts Heater into L-Shape, 16 ga., 4° O.D., Max. 2 per Heater	3TZ71
Aluminum Heat Reflector "U", Covers No. 3F835, Includes (3) Reflector Pieces, Assembly Hardware	5VD84
Aluminum Heat Reflector Elbow, Covers No. 3TZ71 L-Bend Fitting, Includes (2) Reflector Pieces, Assembly Hardware	5VD83
Angle Mounting Bracket (1), for Presetting Reflector Angles at 15°, 30°, or 45°	5VD54
Direct Vent Unvented Outlet Cap, 4" O.D. with Flapper	3F839
Dual Sidewall Venting, (Includes 18 in B Vent and B to C Adapter, 6 in Side Wall Vent Cap, 6 in Wall Thimble); Common Venting	2F211
Sidewall Outside Air Inlet Cap, 4" O.D. with Bird Screen	3F837
Sidewall Venting, (Includes 18 in B Vent and B to C Adapter, 4 in Wall Thimble, A 4 in Side Wall Vent Cap); Single Venting	2C448
Tube/Reflector Extension, Includes (1) Wire Hangers, 10 ft Tube with Black Coating, Reflector, Tube Clamp, Max. 1/Heater	3VH27
Tube/Reflector Extension, Includes 5 Feet Tube with Black Coating, Reflector, Tube Clamp, Wire Hanger, Max. 1/Heater	5VD87
U-Bend Fitting, Includes 4 in Diameter Fitting with Tube Clamp, Mounting Materials, Max. 1/Heater	3F835

Description