

## FRP/FRS SERIES INFRARED HEATER



### IDEAL SPACES

#### Comfort Heating:

- Sports Arenas
- Showrooms
- Workshops
- Gymnasiums
- Swimming Pools
- Ski Resorts
- Driving Ranges
- Bus Stops
- Smoking Areas
- Patios

#### Area/Purpose Heating:

- Car Washes
- Parking Garages
- Loading Docks
- Aircraft Hangers
- Walkways / Entryways

### ENCLOSURE TYPE

- Painted Steel
- Stainless Steel

### ELEMENT TYPE

- Metal Sheathed
- Quartz Tube
- Quartz Tube

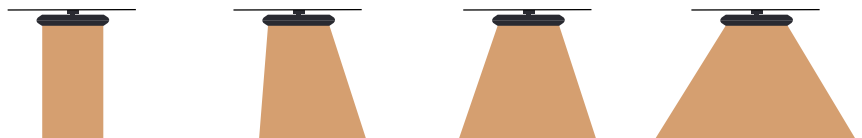


Quartz Tube

Metal Sheathed

- Ideal for indoor/outdoor, total or spot heating use
- Two- and three-element design provide concentrated heating capacity in single infrared radiant heater
- Metal sheath, quartz tube or quartz lamp elements used interchangeably provide flexibility necessary for multiple application projects
- VRS – 20-gauge, stainless steel enclosure and heater support/wiring compartment for applications requiring additional corrosion resistance
- VRP – 20-gauge galvanized steel enclosure and heater support/wiring compartment; statuary bronze powder coat finish
- Heavy-gauge gold anodized reflectors offer a wide selection of beam patterns
- High quality finish and steel internal sheet metal parts give excellent service under most operating conditions, including coastal salt air and most industrial atmospheres\*\*

### REFLECTIVE ANGLE



30° Symmetrical

60° Asymmetrical

60° Symmetrical

90° Symmetrical

NOTE: \*Metal Sheathed: used indoors or outdoors in high-traffic areas; Quartz Tube and Quartz Lamp: used indoors and outdoors for snow melting and spot heating. \*\*Finish not intended for direct salt spray exposure in marine applications or highly corrosive greenhouse, swimming pool, chemical storage or industrial atmospheres. Maintain at least 5 ft. in radiant path, between bottom of heater and combustible material. Pigtail element leads for a more positive connection in high-traffic areas where physical abuse.

[www.qmarkmep.com](http://www.qmarkmep.com)

For Technical Services, Call 800-642-4328

ITEM# QFLY\_FRPFRS\_1020-1

# FRP/FRS SERIES

## INFRARED HEATER

### Models & Specifications – 2-Element Enclosure:

ITEM INFORMATION					DIMENSIONAL DATA			
REFLECTIVE ANGLE	PAINTED.		STAINLESS		HEIGHT	WIDTH	DEPTH	SHIP WT.
	CATALOG NO	UPC	CATALOG NO	UPC				
30° Sym	FRP223S	685360029316	FRS223S	685360030517	7.125"	15"	24"	19 lbs
60° Sym	FRP226S	685360028460	FRS226S	685360030678				
60° Asym	FRP226AS	685360028392	FRS226AS	685360030593				
90° Sym	FRP229S	685360028545	FRS229S	685360030753				
30° Sym	FRP233S	685360028705	FRS233S	685360030753	7.125"	15"	33"	24 lbs
60° Sym	FRP236S	685360028866	FRS236S	685360030913				
60° Asym	FRP236AS	685360028781	FRS236AS	685360031071				
90° Sym	FRP239S	685360028941	FRS239S	685360030999				
30° Sym	FRP243S	685360029078	FRS243S	685360031156	7.125"	15"	46"	31 lbs
60° Sym	FRP246S	685360029177	FRS246S	685360031385				
60° Asym	FRP246AS	685360029122	FRS246AS	685360031330				
90° Sym	FRP249S	685360029222	FRS249S	685360031439				

### Models & Specifications – 3-Element Enclosure:

ITEM INFORMATION					DIMENSIONAL DATA			
REFLECTIVE ANGLE	PAINTED.		STAINLESS		HEIGHT	WIDTH	DEPTH	SHIP WT.
	CATALOG NO	UPC	CATALOG NO	UPC				
30° Sym	FRP323S	685360029351	FRS323S	685360031569	7.125"	21.5"	24"	23 lbs
60° Sym	FRP326S	685360029511	FRS326S	685360031729				
60° Asym	FRP326AS	685360029436	FRS326AS	685360031644				
90° Sym	FRP329S	685360029597	FRS329S	685360031804				
30° Sym	FRP333S	685360029757	FRS333S	685360031972	7.125"	21.5"	33"	31 lbs
60° Sym	FRP336S	685360029917	FRS336S	685360032139				
60° Asym	FRP336AS	685360029832	FRS336AS	685360032054				
90° Sym	FRP339S	685360029993	FRS339S	685360032214				
30° Sym	FRP343S	685360030128	FRS343S	685360032344	7.125"	21.5"	46"	39 lbs
60° Sym	FRP346S	685360030258	FRS346S	685360032443				
60° Asym	FRP346AS	685360030203	FRS346AS	685360032399				
90° Sym	FRP349S	685360030302	FRS349S	685360032498				

SKU Legend: ◆ = Popular Products; ● = Extended Offering; ■ = Made to Order (Contact your local Marley Sales Representative for typically associated lead times)

#### 2-Element Enclosure:

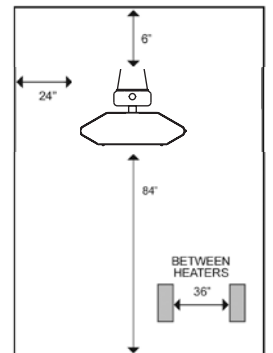
	MAXIMUM WATTAGE		
	METAL SHEATH	QUARTZ TUBE	QUARTZ LAMP
24"	1,700	2,000	3,200
33"	3,000	3,000	5,000
46"	4,000	4,000	7,300

#### 3-Element Enclosure:

	MAXIMUM WATTAGE		
	METAL SHEATH	QUARTZ TUBE	QUARTZ LAMP
24"	2,500	3,000	,800
33"	4,500	4,500	7,500
46"	6,000	6,000	10,950

#### MOUNTING CLEARANCES

- 24 in. to vertical side walls
- 36 in. between heaters mounted side by side. Heaters may be mounted end to end.
- 6 in. to ceiling
- 84 in. to floor



## Element Selection Chart<sup>1</sup>

ITEM INFORMATION			ELECTRICAL DATA					SHIP WT.
CATALOG NO.	UPC	VOLTS	WATTS	BTU	TYPE	COMPATIBLE WITH		
● F2MS08208	685360032757	208	850	2,900	Metal Sheath	FRP22 (24 in. L)	1 lbs	
● F2MS08240	685360032764	240						
● F2MS08277	685360032771	277						
● F2MS08347	685360032788	347						
● F2MS08480	685360032801	480						
● F2MS08600	685360032818	600	1000	3,412	Quartz Tube	FRS22 (24 in. L)	1 lbs	
● F2QT10208	685360032894	208						
● F2QT10240	685360032900	240						
● F2QT10277	685360032917	277	1600	5,459	Quartz Lamp	FRP32 (24 in. L)	1 lbs	
● F2QL16208	685360032825	208						
● F2QL16240	685360032832	240						
● F2QL16277	685360032849	277						
● F2QL16347	685360032856	347						
● F2QL16480	685360032870	480	1500	5,118	Metal Sheath	FRP23 (33 in. L)	1 lbs	
● F2QL16600	685360032887	600						
● F3MSI5208	685360033235	208						
● F3MSI5240	685360033242	240						
● F3MSI5277	685360033259	277						
● F3MSI5347	685360033266	347	1500	5,118	Quartz Tube	FRS23 (33 in. L)	1 lbs	
● F3MSI5480	685360033280	480						
● F3MSI5600	685360033297	600						
● F3QT15208	685360033372	208						
● F3QT15240	685360033389	240						
● F3QT15277	685360033396	277	2500	8,530	Quartz Lamp	FRP33 (33 in. L)	1 lbs	
● F3QT15347	685360033402	347						
● F3QT15480	685360033426	480						
● F3QT15600	685360033433	600						
● F3QL25208	685360033303	208						2000
● F3QL25240	685360033310	240						
● F3QL25277	685360033327	277						
● F3QL25347	685360033334	347						
● F3QL25480	685360033358	480						
● F3QL25600	685360033365	600	2000	6,824	Quartz Tube	FRS24 (46 in. L)	1 lbs	
● F4MS20208	685360033440	208						
● F4MS20240	685360033457	240						
● F4MS20277	685360033464	277						
● F4MS20347	685360033471	347						
● F4MS20480	685360033495	480	2000	6,824	Quartz Tube	FRP34 (46 in. L)	1 lbs	
● F4MS20600	685360033501	600						
● F4QT20208	685360033556	208						
● F4QT20240	685360033563	240						
● F4QT20277	685360033570	277						
● F4QT20347	685360033587	347	3650	12,454	Quartz Lamp	FRS34 (46 in. L)	1 lbs	
● F4QT20480	685360033600	480						
● F4QT20600	685360033617	600						
● F4QL36347	685360033518	347	3650	12,454	Quartz Lamp	FRS34 (46 in. L)	1 lbs	
● F4QL36480	685360033532	480						
● F4QL36600	685360033549	600						

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**Optional Accessories:**

CATALOG NO.	UPC	DESCRIPTION	COMPATIBLE WITH	CARTONS	SHIP WT.
FWG22	685360084060	Wire Guard for 2-Element Heaters	FRS2/FRP2 (24 in. L)	1	1 (454) lbs
FWG23	685360084077	Wire Guard for 2-Element Heaters	FRS2/FRP2 (33 in. L)	1	1.5 (680) lbs
FWG24	685360084084	Wire Guard for 2-Element Heaters	FRS2/FRP2 (46 in. L)	1	2 (907) lbs
FWG32	685360084091	Wire Guard for 3-Element Heaters	FRS3/FRP3 (24 in. L)	1	1.5 (680) lbs
FWG33	685360084107	Wire Guard for 3-Element Heaters	FRS3/FRP3 (33 in. L)	1	2 (907) lbs
FWG34	685360084114	Wire Guard for 3-Element Heaters	FRS3/FRP3 (46 in. L)	1	2.5 (1134) lbs
FRPATMB	685360084022	Adjustable Tilt Mounting Bracket – FRP Series		1 Set	1 (454) lbs
FRSATMB	685360084046	Adjustable Tilt Mounting Bracket – FRS Series		1 Set	1 (454) lbs
FRPWMB	685360084039	Wall Mounting Bracket – FRP Series		1 Set	6 (2722) lbs
FRSWMB	685360084053	Wall Mounting Bracket – FRS Series		1 Set	6 (2722) lbs
RVS2**	685360137650	24 in. Red Vycor sleeve	FR(*)22/FR(*)32	1	-
RVS3**	685360137667	33 in. Red Vycor sleeve	FR(*)23/FR(*)33	1	-
RVS4**	685360137674	46 in. Red Vycor sleeve	FR(*)24/FR(*)34	1	-

(1) One element per carton order. \* Denotes remaining catalog number (See Enclosure Chart). \*\*Only available for quarts lamp elements

