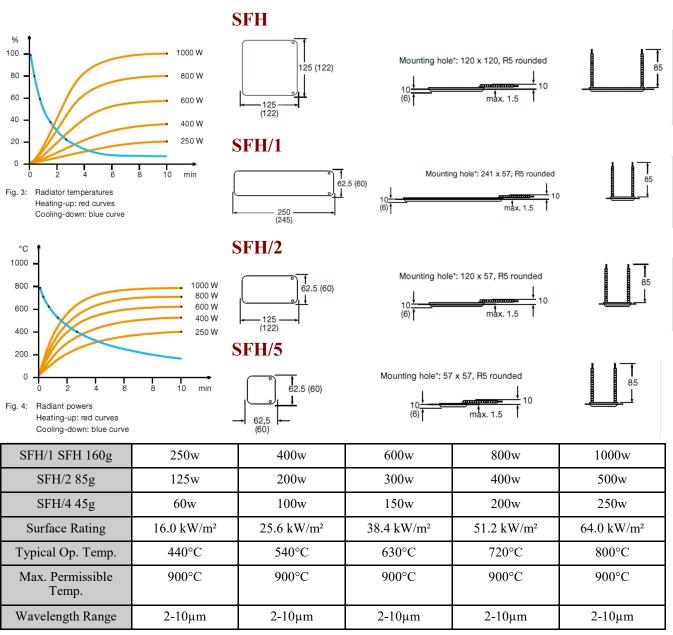
Infrared Heaters



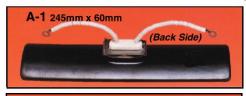


SFH Super Flat Radiators are ceramic infrared radiators in flat design. They reach operating temperatures up to 800°C and surface ratings up to 64 kW/m². The radiators of the SFH series are very suited for applications, which require space-saving installation. The borders of SFH radiators are used as bearing surface on a metal mounting sheet or reflector. For each radiator a corresponding rounded mounting hole is required to place the heaters into them. When mounting SFH super flat radiators a heat insulation can be added additionally. A temperature resistant insulating material like Elstein THI thermal insulation sheet can be applied on site directly on the back of the radiator. SFH super flat radiators are available in four designs and cover the power range from 60 W to 1000 W.

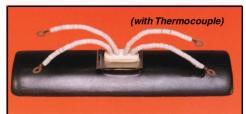


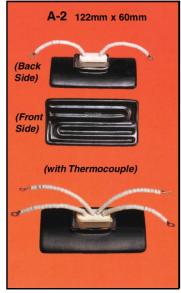
Infrared Heaters

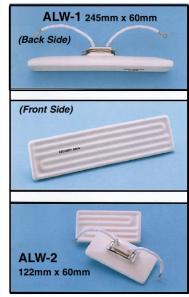








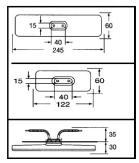




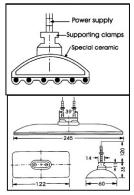
Parabolic Ceramic In	frared Heaters 4.7'	' (12 cm) B	eaded Leads with Ring	Tongue C	Connectors:
Part Number	Size	Color	Voltage	Wattage	Surface Temp
A-1-1000-B-2	245 x 60 mm	Black	220/230	1000	780°C
A-1-1000-B-4	245 x 60 mm	Black	480	1000	780°C
A-1-650-B-2	245 x 60 mm	Black	220/230	650	650°C
A-1-650-B-4	245 x 60 mm	Black	480	650	650°C
A-1-400-B-2	245 x 60 mm	Black	220/230	400	500°C
A-1-1000-Y-2	245 x 60 mm	Yellow	220/230	1000	780°C
A-1-1000-Y-4	245 x 60 mm	Yellow	480	1000	780°C
A-1-650-Y-2	245 x 60 mm	Yellow	220/230	650	650°C
A-1-650-Y-4	245 x 60 mm	Yellow	480	650	650°C
A-2-500-B-2	122 x 60 mm	Black	220/230	500	780°C
A-2-325-B-2	122 x 60 mm	Black	220/230	325	650°C
A-2-500-Y-2	122 x 60 mm	Yellow	220/230	500	780°C
A-2-325-Y-2	122 x 60 mm	Yellow	220/230	325	650°C
A-1-1000-B-2-K	245 x 60 mm	Black	220/230	1000	780°C
A-1-1000-B-4-K	245 x 60 mm	Black	480	1000	780°C
A-1-650-B-2-K	245 x 60 mm	Black	220/230	650	650°C
A-1-650-B-4-K	245 x 60 mm	Black	480	650	650°C
A-1-1000-Y-2-K	245 x 60 mm	Yellow	220/230	1000	780°C
A-1-1000-Y-4-K	245 x 60 mm	Yellow	480	1000	780°C
A-1-650-Y-2-K	245 x 60 mm	Yellow	220/230	650	650°C
A-1-650-Y-4-K	245 x 60 mm	Yellow	480	650	650°C
A-2-500-B-2-K	122 x 60 mm	Black	220/230	500	780°C

Ring Tongue Connec				0.00	
Part Number	Size	Color	Voltage	Wattage	Surface Temp
ALW-1-1000-W-2	245 x 60 mm	White	220/230	1000	750°C
ALW-1-1000-W-4	245 x 60 mm	White	480	1000	750°C
ALW-2-500-W-2	122 x 60 mm	White	220/230	500	750°C
ITS-H3-250-W-2	60 x 60 mm	White	220/230	250	750°C
ALW-1-1000-W-2-K	245 x 60 mm	White	220/230	1000	750°C
ALW-1-1000-W-4-K	245 x 60 mm	White	480	1000	750°C
ALW-2-500-W-2-K	122 x 60 mm	White	220/230	500	750°C
ITS-H3-250-W-2-K	60 x 60 mm	White	220/230	250	750°C

A-1 and A-2 Parabolic Heaters



ALW-1, ALW-2 and ITS-H3 Energy Saving Heaters



Infrared Heaters



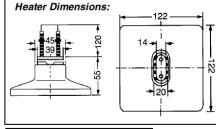


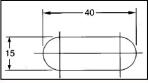
Energy Saving Flat Bottom Square (122 x 122 mm) Hollow Ceramic Infrared Heaters 4.7" (12 cm) Beaded Leads with Ring Tongue Connectors:

Part Number	Size	Color	Voltage	Wattag	e Surface Temp
EL-2-800-B-2	122 x 122	Black	220/230	800	720°C
EL-2-650-B-2	122 x 122	Black	220/230	650	650°C
EL-2-800-B-2-K	122 x 122	Black	220/230	800	720°C
EL-2-650-B-2-K	122 x 122	Black	220/230	650	650°C

ITS-1-R Reflector

for D-1-500 (6" Diameter)





Cutout for: A-1, A-2, AWL-1, AWL-2, ITS-H3 and EL-2 Heaters

Reflectors:





ITS-2-R-5 Aluminized Steel Reflector 5" Long ITS-2-R-10 Aluminized Steel Reflector 10" Long ITS-A-EL Stand-Off Mounting Bracket

Terminal Blocks:





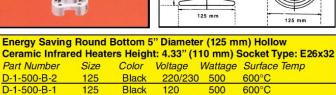


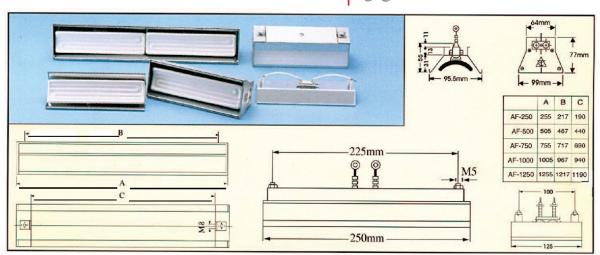
ITS-1 2-Pole Terminal Block (1.56" W x 1.625" L x 1" H); 10 amp maximum per pole @ 932°F (500°C)
ITS-2 3-Pole Terminal Block (2.5" W x 1.625" L x 1" H); 10 amp maximum per pole @ 932°F (500°C)



ITS-26 Screw Base Receptacle for above items (250 V maximum)







Aluminum Housings for the above Ceramic Infrared Heaters:

AF-250 Housing for Ceramic Infrared Heaters for A-1 and AWL-1 Series Heaters (1 heater @ 245 mm long)
AF-500 Housing for Ceramic Infrared Heaters for A-1 and AWL-1 Series Heaters (2 heaters @ 245mm long)
AF-750 Housing for Ceramic Infrared Heaters for A-1 and AWL-1 Series Heaters (3 heaters @ 245mm long)
AF-1000 Housing for Ceramic Infrared Heaters for A-1 and AWL-1 Series Heaters (4 heaters @ 245mm long)
AF-1250 Housing for Ceramic Infrared Heaters for A-1 and AWL-1 Series Heaters (5 heaters @ 245mm long)