

## Comfort Heaters

### Selection Guidelines

#### Application Tips

**Radiant Infrared Comfort Heaters** can help many unique heating situations.

**Heats People Without Heating Air** — Infrared travels through space and is absorbed by people and objects in its path. The air does not absorb infrared energy. With convection heating the air itself is warmed and circulated, however, warm air always rises to the highest point of a building. With Infrared comfort heating, the warmth is directed and concentrated at the floor and people level where it is really needed.

**Low Maintenance** — Electric infrared is strictly a resistance type heat. There are no moving parts or motors to wear out; no air filters or lubrication required. Periodic cleaning of the reflectors and heat source replacement is all that is required.

**Clean** — Electric infrared, like other forms of electric heating, is the cleanest method of heating. There are no by-products of combustion as with fossil fuel burning units. Electric infrared adds nothing to the air nor takes anything from it.

#### Safe

- No open flames
- No moving parts to malfunction
- No fuel lines to leak
- No toxic by-products of combustion
- UL and CE available on most models
- ATEX and GOST Available on certain hazardous location heaters

The Technical section of this catalog gives additional information on “Radiant Infrared Heating — Comfort Heating”

For outdoor applications, consult your Local Chromalox Sales office.

#### Industrial Unit Heaters — Selection Guidelines

Application	Feature	kW	Model	Page
Harsh Environment	Explosion Proof	3 - 35	CXH-A	F-4
	Explosion Proof	1.6 - 9.0	CVEP	F-11
	One Finned Element	0.2 - 1.0	FPEP	F-14
	Two Finned Elements	1.5	CEP-15	F-14
	Explosion Proof	.16 - .6	XPMC	F-15
	Corrosion Resistant	2 - 39	HD3D	F-17
	Pump House	0.5	CPHH	F-20
Safe Area	Horizontal Blower	2.6 - 45	LUH	F-21
	Horizontal or Vertical Blower	2.6 - 15	HVH	F-25
	High Capacity Horizontal	2 - 50	UB	F-31
	Without Thermostat	0.25 - 0.5	EH	F-36
	With Thermostat	0.5 1.0	HVT	F-36
	Horizontal	1 - 3	H	F-37
	Vertical	2 - 4.5	V	F-38
Portable	Portable Blower Heater (High Temp)	30 - 60	SDRA	F-39
	Portable Salamander	7.5 - 30	DRA	F-42
	Portable Blower	1.9 - 4	HF	F-44

#### Commercial & Architectural Heaters — Selection Guidelines

Application	Feature	kW	Model	Page
Duct	Fintube® Air Duct	10 - 533	DH	F-45
Radiant	Portable Ceiling Mount	1.5 - 13.5	ChromaStar	F-48
Convection	Wall Mounted	0.5 - 5.0	HCH	F-55

#### Transportation Heaters — Selection Guidelines

Application	Feature	Page
Overhead HVAC	Open Coil	F-58
Rail Cab/Car	Blower Assembly	F-58
Rail Cab/Car	Floor/Wall Convection	F-58
Car Defrost	Radiant	F-58