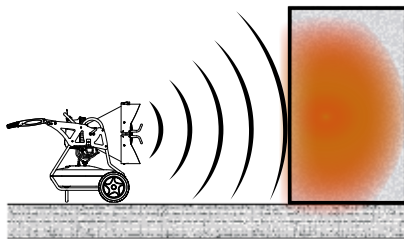


INFRARED HEATERS

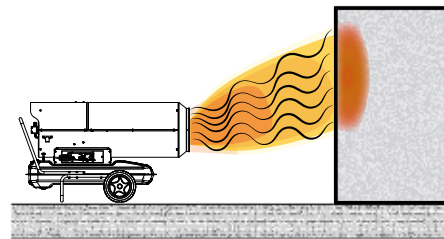
Similar to the sun, short-wave infrared radiation heats the objects without heating the air.
Once objects (or walls) are penetrated with heat, they can also reradiate and heat other objects.
Infrared radiation heats through fog or wind.
Infrared radiation runs straight, on the contrary hot air flows upwards.

Infrared heaters are an excellent solution for:

- Heating objects, bodies or walls indoors and outdoors.
- Drying plaster walls. Infrared heat penetrates the wall and evaporates the humidity of the wall from inside. On the contrary an airflow heater creates a dry surface which traps the humidity into the wall.
- Heating objects or limited indoor spaces. On the contrary hot air is quickly dispersed in the room.
- Saving energy, because less energy is required for achieving the same heating effect.

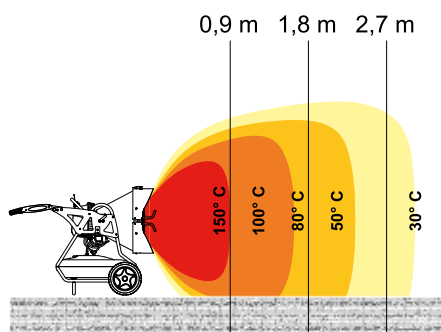


**INFRARED HEATERS
HEAT OBJECTS**

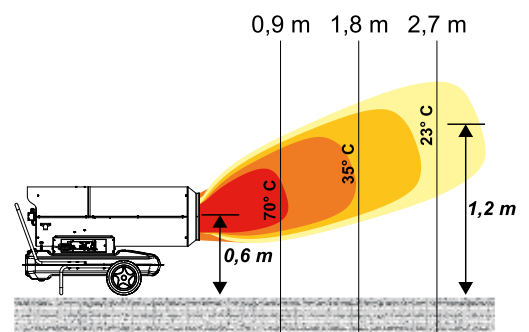


**AIRFLOW HEATERS
HEAT AIR (AND OBJECTS)**

SIDE VIEW

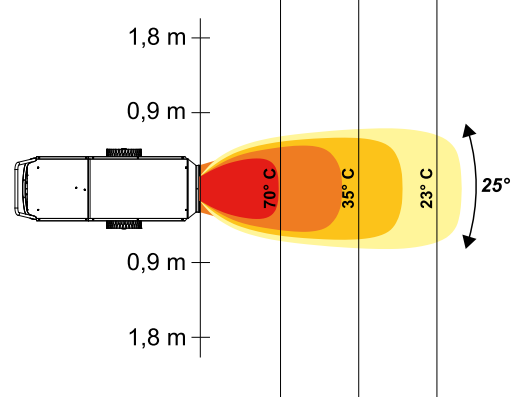
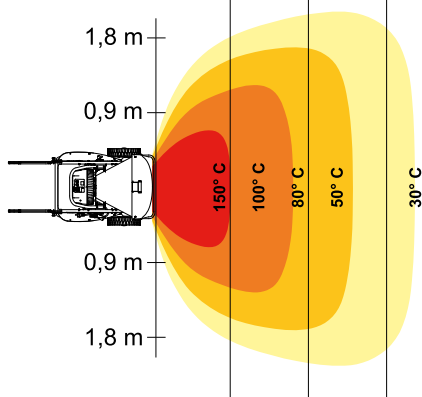


XL 9 or XL 91



AIRFLOW HEATER

TOP VIEW



INFRARED OIL FIRED HEATERS

XL 9 SR AND XL 91 WITH SEPARATE MASTER BURNER



Ventilation of the room is necessary to prevent a deficiency in oxygen supply.



XL 9 SR
Gear Diesel Pump

PATENTED



XL 91
Solenoid Diesel Pump

PATENTED



- ▼ Low noise
- ▼ Infrared heating (short wave)
- ▼ No air flow
- ▼ 2-step power
- ▼ Electronic flame control with photocell
- ▼ Post-ventilation
- ▼ Oil level indicator
- ▼ Optional room thermostat
- ▼ Oil pump filter, suction filter and inlet filter
- ▼ Snorkel (XL 91)
- ▼ Adjustable direction/Tilting
- ▼ Trolley included

OPTIONAL ACCESSORIES:



Fuel pre-heater
4033.049



Analog thermostat
TH5 with cable
3 m - **4150.109**
10 m - **4150.112**



Digital thermostat
THD with cable
5 m - **4150.133**
10 m - **4150.134**
(for XL 91 only)

SPECIFICATIONS		XL 9 SR		XL 91	
Heating power	kW	29	43	29	43
	Btu/h	99.300	146.900	99.300	146.900
	kcal/h	25.000	37.000	25.000	37.000
Fuel consumption	l/h	2,7	4,03	2,7	4,03
Fuel autonomy	h	21	14	21	14
Thermostat control		analog		analog or digital	
Electric power	kW	0,16		0,19	
Power supply	V	220-240*		220-240*	
Frequency	Hz	50		50	
Rated current	A	0,7		0,7	
Tank capacity	l	60		60	
Product size (l x w x h)	mm	1070 x 700 x 980		710 x 970 x 990	
Box size (l x w x h)	mm	1200 x 750 x 1130		1030 x 750 x 1190	
Net/gross weight	kg	69/85		69/85	
Pallet	pcs	1		1	

* 110 V available



Infrared heating is five times more efficient than air heating.

MASTER
CLIMATE SOLUTIONS