



INFRA HT

Gas-fired high temperature radiant heater

Gas-fired high temperature radiant heater with ceramic burner and electrical ignition. Output from 6.5 to 68.8 kW.



For more information, downloads and videos, visit the Infra HT page on our website



Product features

- Ceramic Burner
- High heat output
- 9 different capacities with the length of the unit increasing as the capacity increases.

Ideal for heating tall or poorly insulated buildings

The INFRA HT offers the option of heating without displacing air. In addition, heat reaches only the location where it is required. The short warming-up period and the lower room temperature can yield good energy savings. Savings can be as high as 40%.

The INFRA HT uses an open ceramic burner for heating. This emits a high level of heat over a relatively small surface area. This high concentration of heat enables these units to be located in tall buildings.

As this unit uses open combustion, ventilation within the room must be considered. The room may be ventilated with the Mark MDV BLUE.

Possible applications include: construction halls, production facilities, aircraft hangars and stadium grandstands or other open spaces.

The Infra HT and the HT Eco have the same output. The HT has a very high radiant efficiency and a competitive price. The HT Eco has a good performance and a very competitive price.

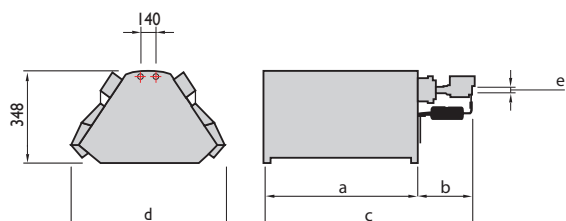
The benefits of radiant heating include:

- Short warm-up time
- High floor temperature
- Silent
- No air movement
- Low energy consumption
- "Zone" heating
- Heat only where needed



Remote connection possible with the PinTherm Infra Connect!

Dimensions



Type	a (mm)	b (mm)	c (mm)	d (mm)	e (inch/zoll)
Infra HT 4.2	421	162	583	592	1/2"
Infra HT 6.2	604	162	766	592	1/2"
Infra HT 8.2	791	162	953	592	1/2"
Infra HT 10.2	991	162	1137	592	1/2"
Infra HT 12.2	1158	218	1376	592	1/2"
Infra HT 16.2	1529	218	1747	592	1/2"
Infra HT 10+10.2	975	241	1216	822	3/4"
Infra HT 12+12.2	1158	297	1455	822	3/4"
Infra HT 16+16.2	1529	297	1826	822	3/4"

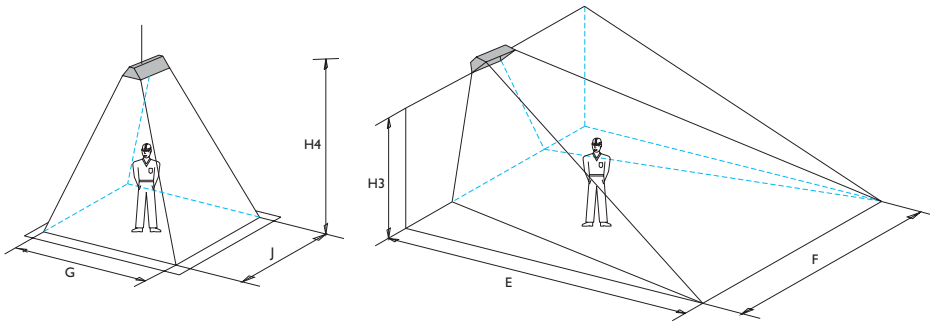
Type	a (mm)	b (mm)	c (mm)	d (mm)	e (inch/zoll)
INFRA HT 4.2 ECO	420	250	670	370	1/2"
INFRA HT 6.2 ECO	605	250	855	370	1/2"
INFRA HT 8.2 ECO	790	250	1040	370	1/2"
INFRA HT 10.2 ECO	975	250	1225	370	1/2"
INFRA HT 12.2 ECO	1160	250	1410	370	1/2"
INFRA HT 16.2 ECO	1530	250	1780	370	1/2"
INFRA HT 10+10.2 ECO	975	300	1275	600	1/2"
INFRA HT 12+12.2 ECO	1160	300	1460	600	1/2"
Infra HT 16+16.2 eco	1530	300	1830	600	1/2"

Technical information

Infra HT		4.2	6.2	8.2	10.2	12.2	16.2	10+10.2	12+12.2	16+16.2
Surface area exposed to radiation	m ²	30-40	35-50	40-65	55-90	60-100	80-110	85-115	95-155	110-180
Nominal load G20 (upper value)	kW	7,2	9,6	16,1	18,3	22,2	34,4	36,6	44,4	68,8
Nominal load G20 (lower value)	kW	6,5	8,6	14,5	16,5	20,0	31,0	33,0	40,0	62,0
Nominal load G25 (upper value)	kW	7,2	9,6	16,1	18,3	22,2	34,4	36,6	44,4	68,8
Nominal load G25 (lower value)	kW	6,5	8,6	14,5	16,5	20,0	31,0	33,0	40,0	62,0
Nominal load G31 (upper value)	kW	7,0	9,3	13,5	17,9	21,7	33,6	35,8	43,4	67,2
Nominal load G31 (lower value)	kW	6,5	8,6	12,5	16,5	20,0	31,0	33,0	40,0	62,0
Nominal load G30 (upper value)	kW	7,0	9,3	13,5	17,9	21,7	33,6	35,8	43,4	67,2
Nominal load G30 (lower value)	kW	6,5	8,6	12,5	16,5	20,0	31,0	33,0	40,0	62,0
Gas-regulating unit	n°	1	1	1	1	1	1	2	2	2
Gas consumption G20 (15°C)	m ³ /h	0,69	0,91	1,53	1,75	2,12	3,43	3,50	4,24	6,70
Gas consumption G25 (15°C)	m ³ /h	0,80	1,06	1,78	2,03	2,46	3,75	4,06	4,92	7,50
Gas consumption G31 (15°C)	kg/h	0,50	0,67	0,97	1,28	1,55	2,40	2,56	3,10	4,80
Gas consumption G30 (15°C)	kg/h	0,51	0,68	0,99	1,30	1,58	2,42	2,60	3,16	4,84
Electrical power	W	25	25	25	25	25	25	50	50	50
Ignition		electronic								
Electrical connection		230 Volt-50Hz								
Weight of HT	kg	14	17	21	24	28	35	40	47	57
Weight of HT eco	kg	8	10	12	14	17	21	29	34	40

The minimum ventilation air volume of the area is 10 m³/h per installed kW.

Assembly/location suggestions



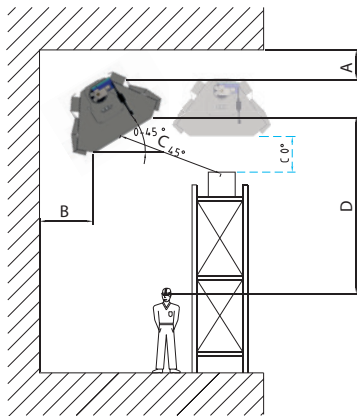
(Ceiling 0°)

Infra HT		4.2	6.2	8.2	10.2	12.2	16.2	10+10.2	12+12	16+16.2
H4 min-max	m	2,5-4,5	3,5-6,0	4,0-6,0	5,0-7,0	6,0-8,0	6,0-10,0	8,0-11,0	9,0-14,0	10-18
G	m	4,0	5,0	7,5	8	8,5	9,0	10,0	11,0	12,0
J	m	5,5	7,0	8,0	8,5	9,0	10,0	11,0	12,0	13,0

Recommended suspension height for installing high temperature radiators.

(Floor 45°)

Infra HT		4.2	6.2	8.2	10.2	12.2	16.2	10+10.2	12+12	16+16.2
H3 min - max	m	2,5-4,0	2,9-5,5	3,9-6,5	4,5-7,0	4,7-8,5	5,1-10,0	5,1-11,0	5,6-14,0	6,0-15,0
E	m	4,0	5,0	7,5	7,8	8,0	8,5	9,0	10,0	12,0
F	m	4,5	6,0	8,0	8,5	9,0	10,0	11,0	12,0	14,0



Minimum distances (ceiling 0°)

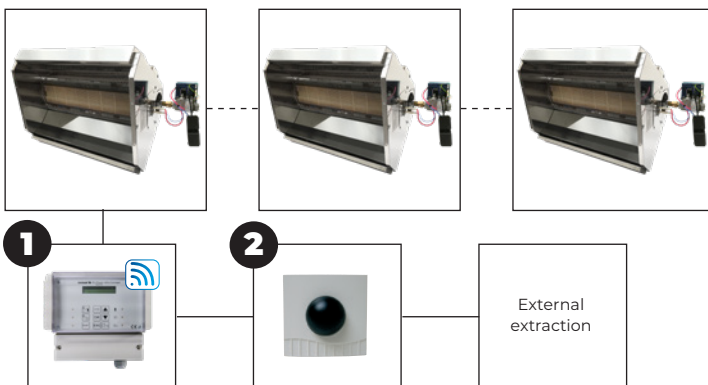
Type	A	B	D
HT 4.2	1,0	1,0	2,0
HT 6.2	1,0	1,0	2,5
HT 8.2	1,5	1,5	3,0
HT 10.2	1,5	1,5	3,5
HT 12.2	1,5	2,0	4,0
HT 16.2	1,5	2,0	4,5
HT 10+10.2	2,0	2,5	5,0
HT 12+12.2	1,5	2,5	5,5
HT 16+16.2	2,0	2,5	6,0

Minimum distances (floor 45°)

Type	A (m)	B (m)	C (m)	D 45° - 0° (m)
HT 4.2	1,0	0,5	2,0	2,4 - 3,0
HT 6.2	1,0	0,5	2,0	2,9 - 3,5
HT 8.2	1,5	0,5	2,5	3,9 - 4,5
HT 10.2	1,5	0,5	2,5	4,2 - 4,8
HT 12.2	1,5	0,5	2,5	4,7 - 5,5
HT 16.2	1,5	0,75	3,0	5,1 - 6,0
HT 10+10.2	2,0	0,75	3,0	5,0 - 6,2
HT 12+12.2	1,5	0,75	3,0	5,6 - 6,5
HT 16+16.2	2,0	1,0	3,5	6,0 - 7,1

Controls

max. 10 units



Control combination options

Infra HT + **1** + **2** + External extraction

See price list for description and code numbers of the relevant items

Zone control

