

BYECOLD®

Warm your life in modern ways

WWW.BYECOLD.COM 🔍



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Enterprise Information

BYECOLD[®]

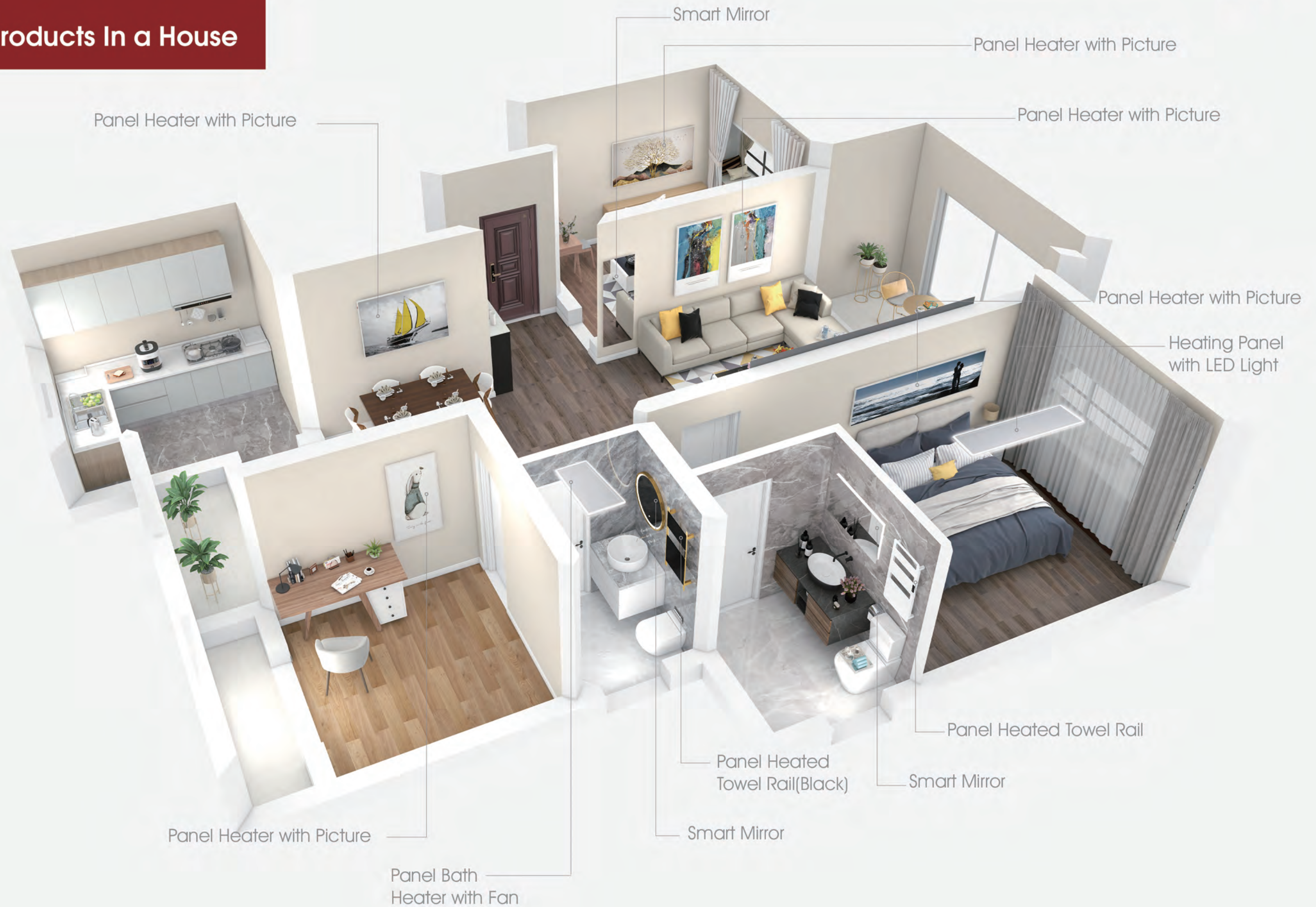
- ✓ 13000 square meters workshop
- ✓ more than 120 workers
- ✓ 8 R&D stuff and 10 quality inspectors
- ✓ daily output 1000pcs
- ✓ patent of invention applied in Europe

Founded in 2013, Jiangsu Byecold Technology Co., Ltd is a national high-tech enterprise, specializing in R&D, production and sales of infrared heating products and mirrors products, including carbon crystal heating film, infrared panel heater, glass and mirror panel heater, bathroom smart mirror, electric towel warmer and smart thermostat etc.

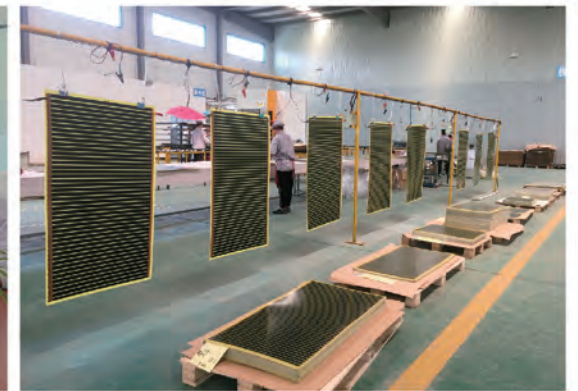
As a brand, Byecold has been registered in the EU and America. In the meanwhile, the company has got more than 30 patent techniques, certificates include CE, RoHS, RED, TUV GS, FCC, BSCI and ISO9001.

After several years of development, Byecold has become a leading manufacturer in the field of infrared heating, our products have been exported to most of EU countries, including Germany, the UK, Austria, Switzerland, the Netherlands, Belgium, Slovenia, Poland, CZ etc.

BYECOLD Products In a House



Factory View



BYECOLD®

CERTIFICATES PATENTS



Quality assurance

Byecold pays more attention to the quality, every single product is fully tested and inspected, each process meets the safety standard IEC60335.

Power sorting



Double overheating protection
Imported temperature limiter
Measured life over 13,000 times



Rear heat and fire resistant junction box

High-strength insulation protection
3750V high voltage without breakdown
ensure electrical safety



Grounding testing



GS certificate
from TUV
Rheinland

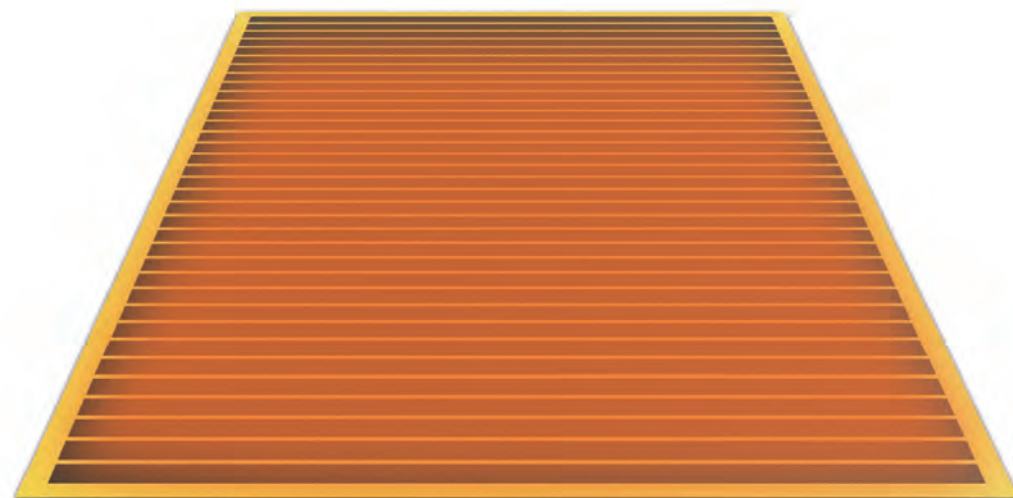


RoHS standard
RoHS spectrum analyzer inspects
all materials used for production



Professional packing materials
provide better protection
during transportation

HEATING FILM



Technical Parameter Test

Withstand voltage test 3750V, 60S, $\leq 5\text{mA}$

Leakage current ≤ 0.25

Surface temperature difference $\leq 3^\circ\text{C}$

Thermal conversion efficiency $\geq 98\%$

No delamination at 370°C immersion tin test

Life ≥ 100000 hours

Waterproof and dustproof IP65

Aging experiment 1000h 200°C high temperature resistance changes basically 0

Flame retardant test UL-94V0

Size Production according to specifications
Thickness $0.6-1.2 \pm 0.05\text{mm}$

power difference $-5\%\sim+5\%$



Infrared
imaging



Intelligent
Technology



Quality
Assurance



Energy
Saving



Green
Life

Limit Test



Burning testing comparison

On the left is Byecold's far infrared fireproof coating heating element.
Right side is ordinary PET surface heating element.



370 ° Immersion tin heat resistance test

The left side is Byecold's fire-resistant coating heating film. The surface has not been melted and delaminated five times.
The right side is an ordinary heating core.



First inspection after printing



Secondary inspection and power detection after drying and curing



One-time membrane suspension for 5 minutes online thermal imaging inspection

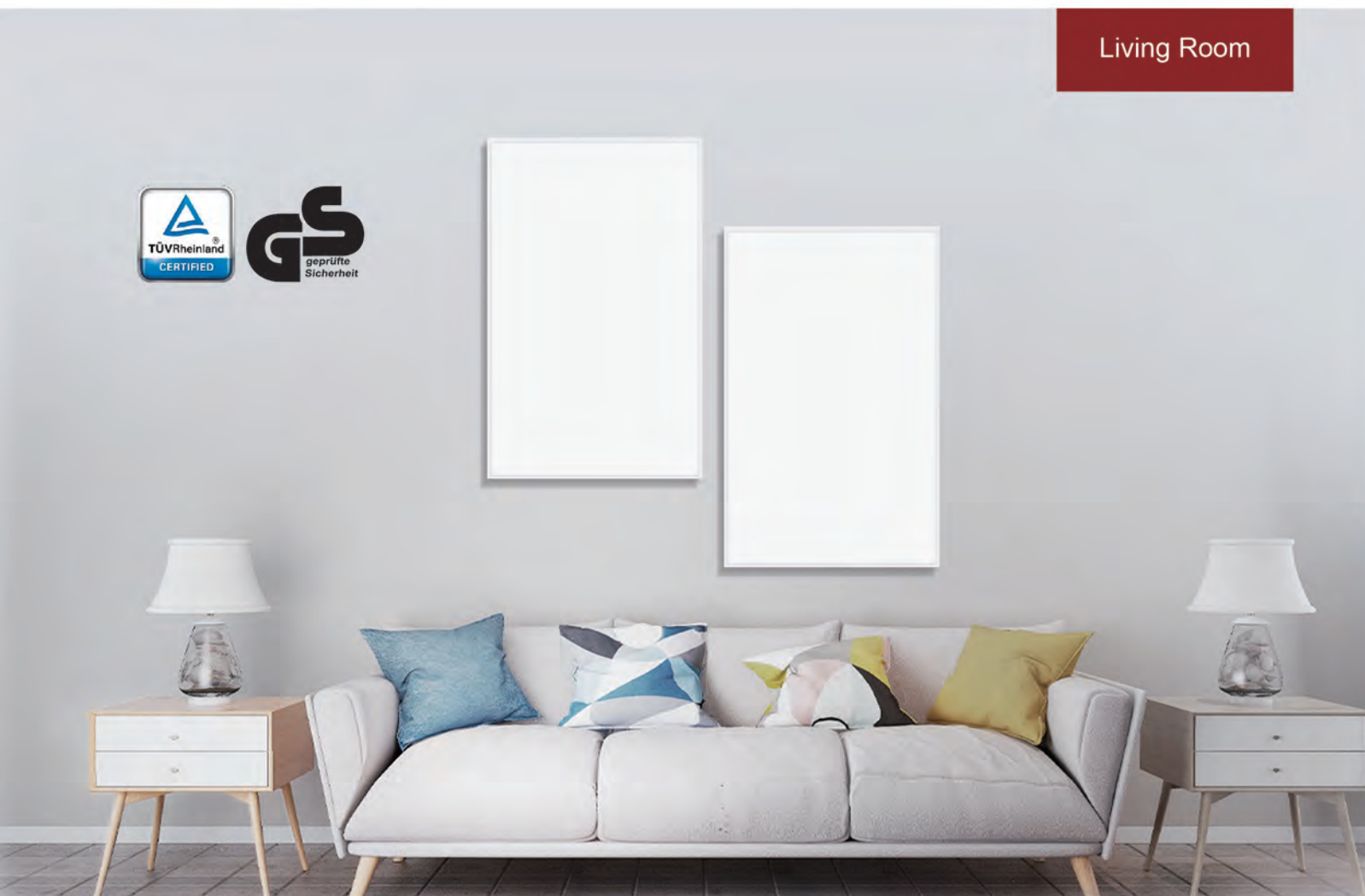


Finished chip power test and 5-minute suspension thermal imaging test

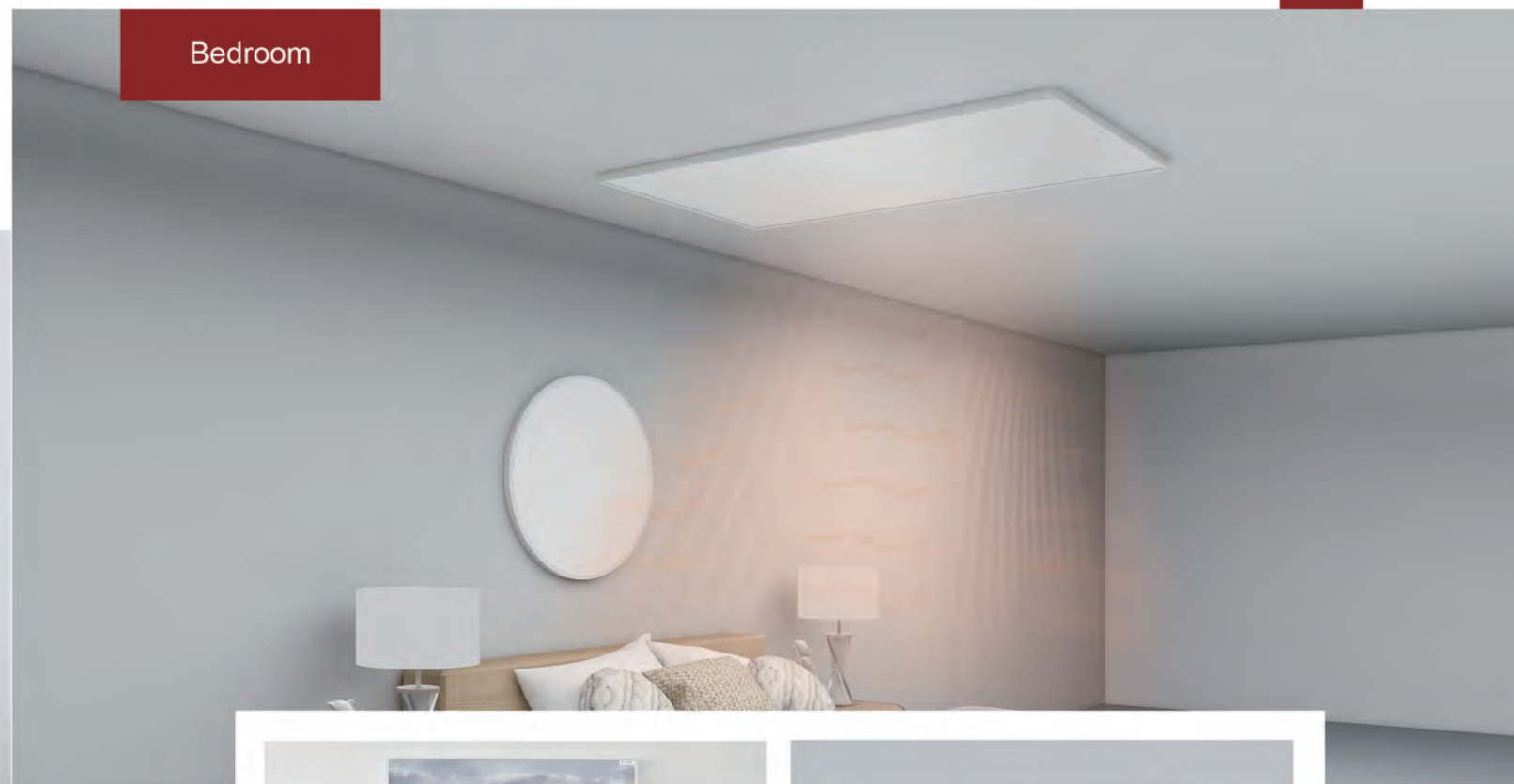
Heating film quality inspection process

A

series



TECHNICAL PARAMETERS			
HEATING ELEMENT	Carbon Crystal	SURFACE MATERIAL	IR Ceramic Coating
WAVE LENGTH	8-15μ	IP GRADE	IP54
SURFACE TEMPERATURE	Mainly 75-95℃	OVER HEAT PROTECTION	Yes
EFFICIENCY	98%	CABLE LENGTH	1.9 Meter
FRAME	White Black or Silver Alu frame	OPTIONAL	On/Off Switch,Led Indicator

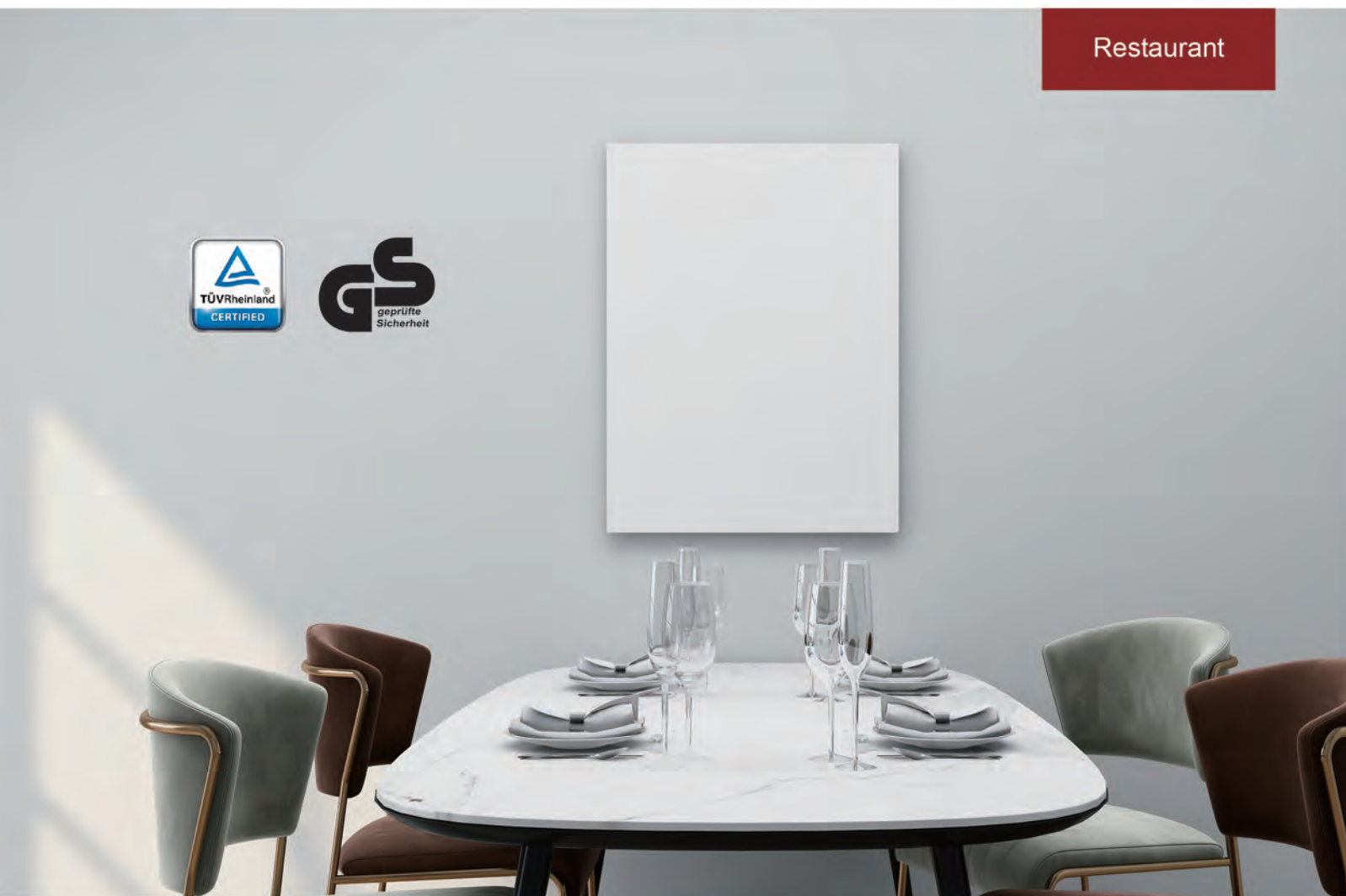


MODEL	DIMENSION(mm)	POWER(Watts)
GT-A0605	605*505*22	240(Ceiling)/300(Wall)
GT-A0606	605*605*22	270(Ceiling)/350(Wall)
GT-A0706	705*605*22	320(Ceiling)/400(Wall)
GT-A0906	905*605*22	400(Ceiling)/580(Wall)
GT-A1206	1205*605*22	550(Ceiling)/700(Wall)
GT-A1207	1205*755*22	700(Ceiling)/900(Wall)
GT-A1209	1205*905*22	800(Ceiling)/1100(Wall)

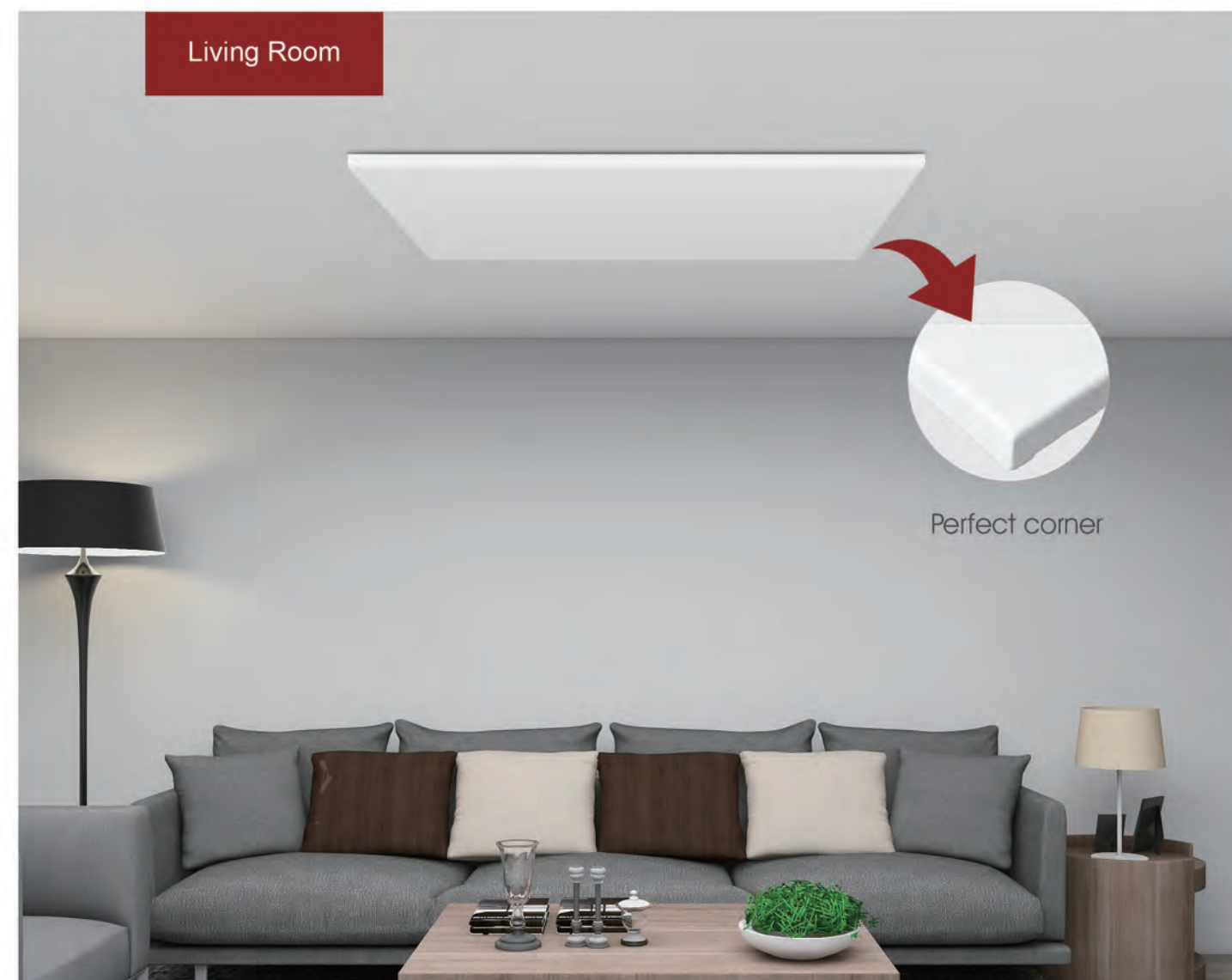
F

series

Frameless heating panels with perfect corners



TECHNICAL PARAMETERS			
HEATING ELEMENT	Carbon Crystal	BACK MATERIAL	Aluminum
SURFACE TEMPERATURE	Mainly 75-95℃	IP GRADE	IP54
EFFICIENCY	98%	OVER HEAT PROTECTIO	Yes
FRAME	Frameless	CABLE LENGTH	1.9 Meter
SURFACE MATERIAL	Coated Alu Sheet		



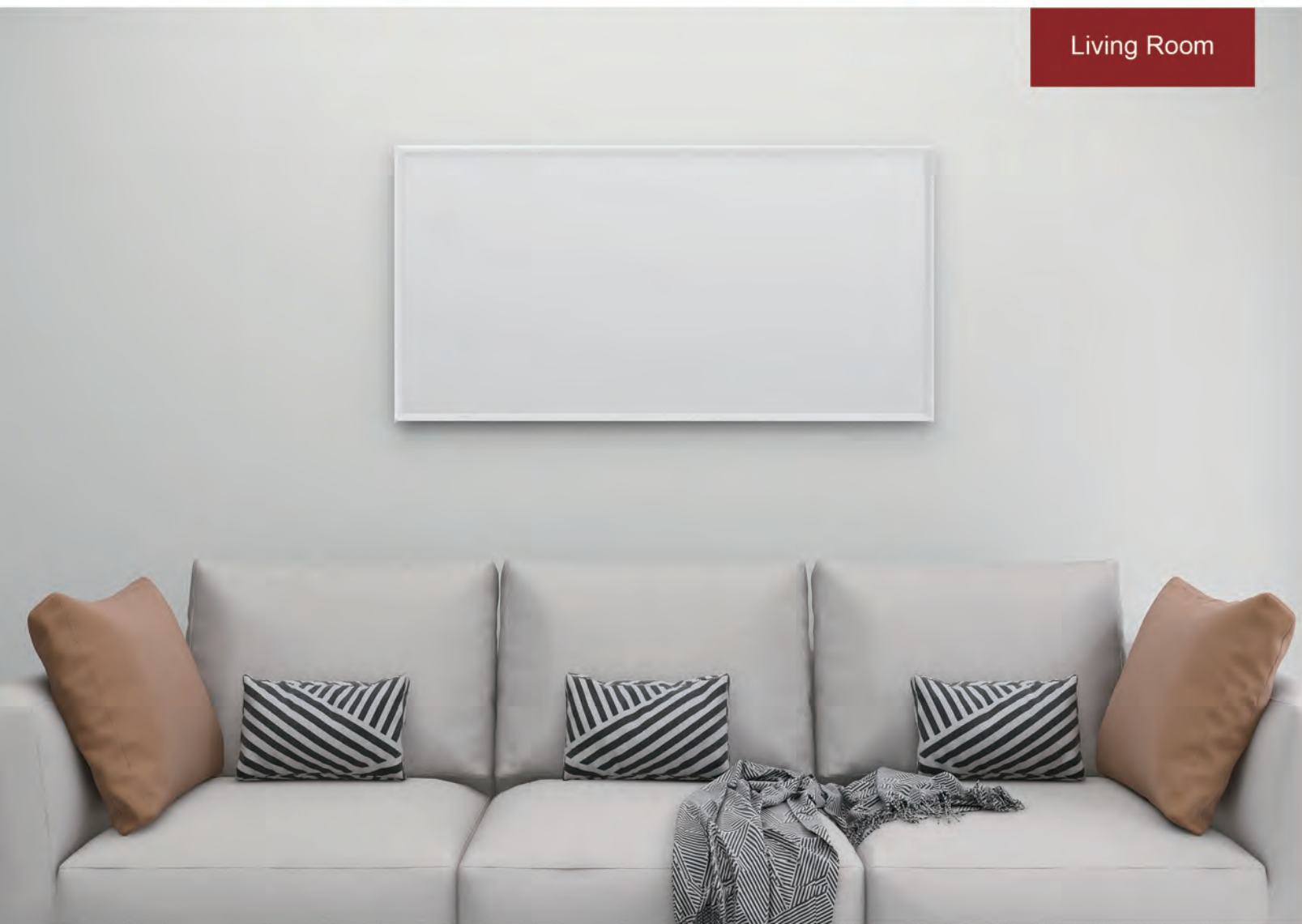
MODEL	DIMENSION(mm)	POWER(Watts)
GT-F0606	595*595*25	270(Ceiling)/350(Wall)
GT-F0706	705*605*25	320(Ceiling)/450(Wall)
GT-F1006	1005*605*25	450(Ceiling)/580(Wall)
GT-F1206	1195*595*25	550(Ceiling)/700(Wall)
GT-F1207	1205*755*25	700(Ceiling)/900(Wall)
GT-F1209	1205*905*25	800(Ceiling)/1100(Wall)

HL

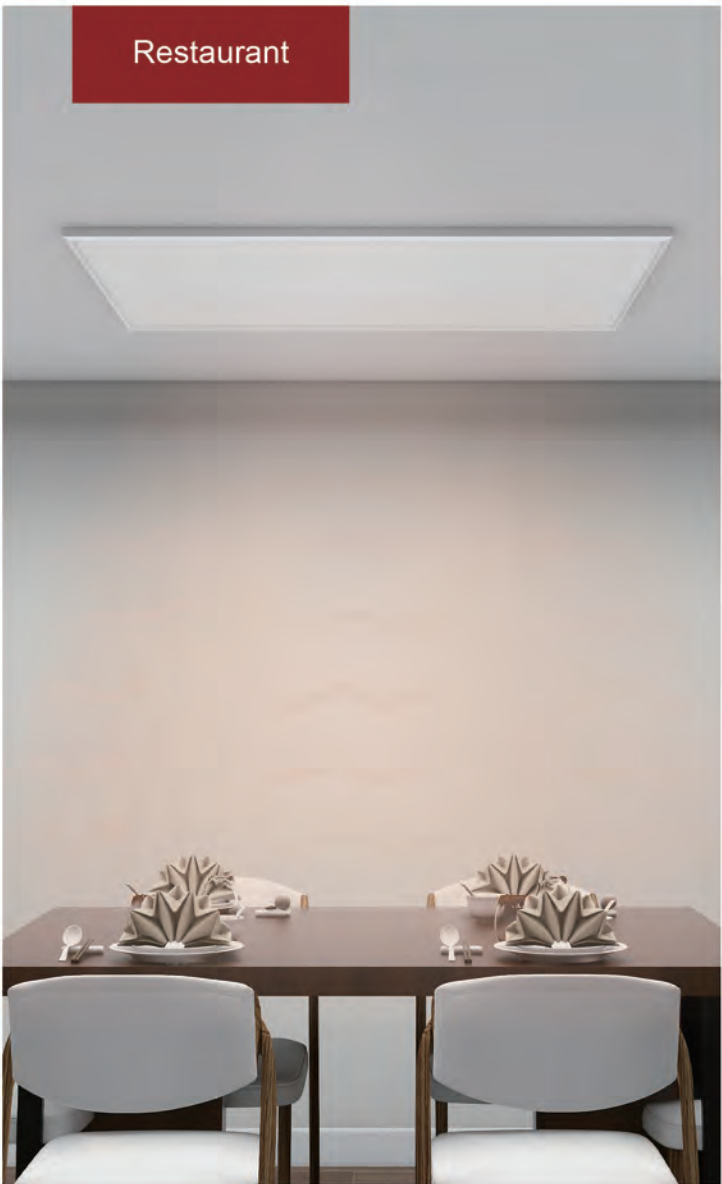
series

Wide frame with easily mounting holes

Lower temperature surface compared to HH series



TECHNICAL PARAMETERS			
HEATING ELEMENT	Carbon Crystal	SURFACE MATERIAL	IR Ceramic Coating
SURFACE TEMPERATURE	Mainly 85-100℃	BACK MATERIAL	Polyurethane+Alu Foil
EFFICIENCY	98%	OVER HEAT PROTECTION	Yes
FRAME	White Aluminum Frame	CABLE LENGTH	1.9 Meter



MODEL	DIMENSION(mm)	POWER(Watts)
BKD-HL0606	620*620*15	270(Ceiling)/350(Wall)
BKD-HL0706	720*620*15	320(Ceiling)/400(Wall)
BKD-HL0906	920*620*15	400(Ceiling)/520(Wall)
BKD-HL1206	1220*620*15	550(Ceiling)/700(Wall)
BKD-HL1207	1220*770*15	650(Ceiling)/850(Wall)
BKD-HL1209	1220*920*15	800(Ceiling)/1050(Wall)

G

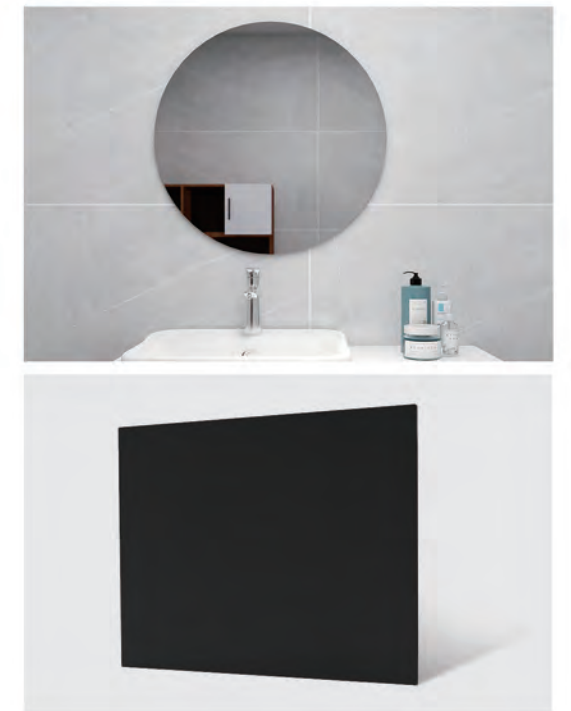
series

Frameless glass or mirror surface heating panels



TECHNICAL PARAMETERS			
HEATING ELEMENT	Carbon Crystal	SURFACE MATERIAL	Tempered Glass/Mirror
SURFACE TEMPERATURE	Mainly 70-90℃	BACK MATERIAL	Aluminum Sheet
EFFICIENCY	98%	OVER HEAT PROTECTION	Yes
FRAME	Frameless	CABLE LENGTH	1.9 Meter

LED Strip Optional



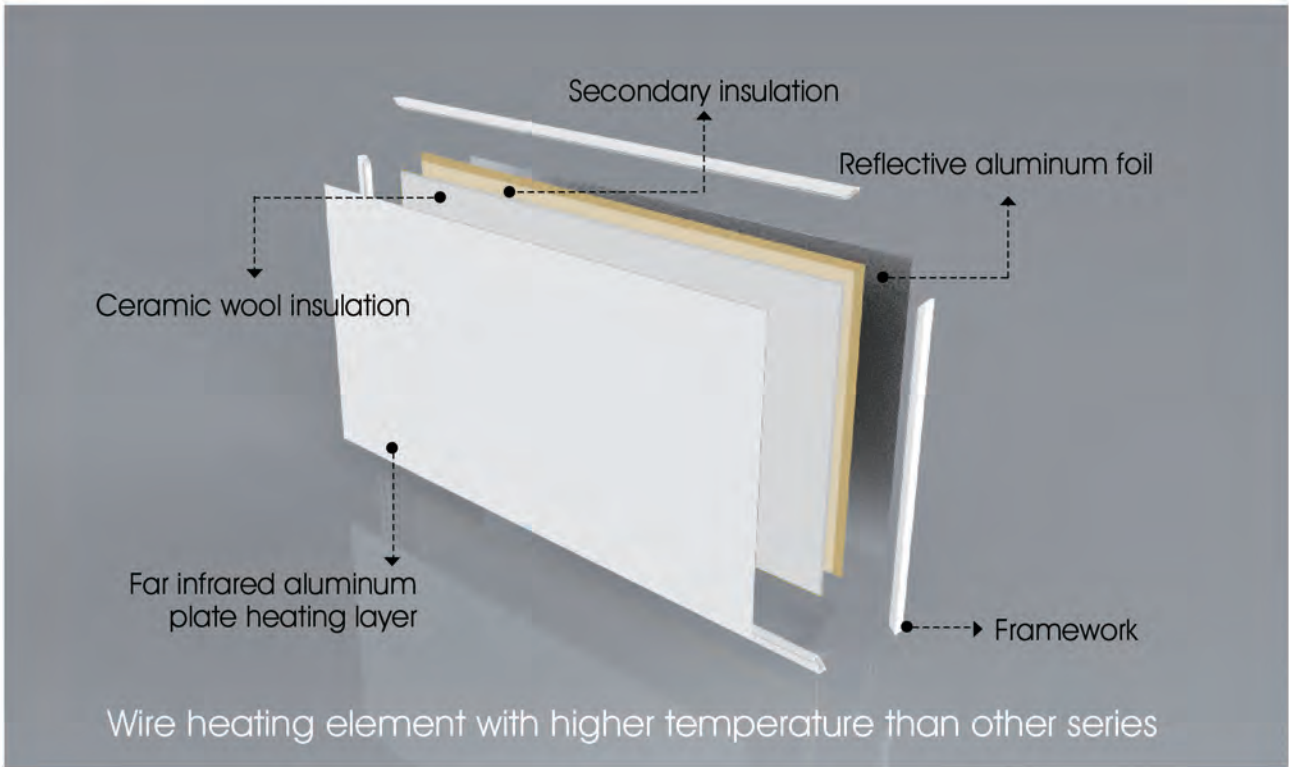
MODEL	DIMENSION(mm)	POWER(Watts)
G0606/G0606M	600*600*12	320(Wall)
G0806/G0806M	800*600*12	450(Wall)
G1006/G1006M	1000*600*12	580(Wall)
G1206/G1206M	1200*600*12	700(Wall)

HH

series Ceiling heating panel with higher power



DETAILS



MODEL	DIMENSION(mm)	POWER(Watts)
HH0606	627*627*23	450(Ceiling)
HH1006	1027*627*23	700(Ceiling)
HH1206	1227*627*23	900(Ceiling)
HH1806	1827*627*23	1400(Ceiling)

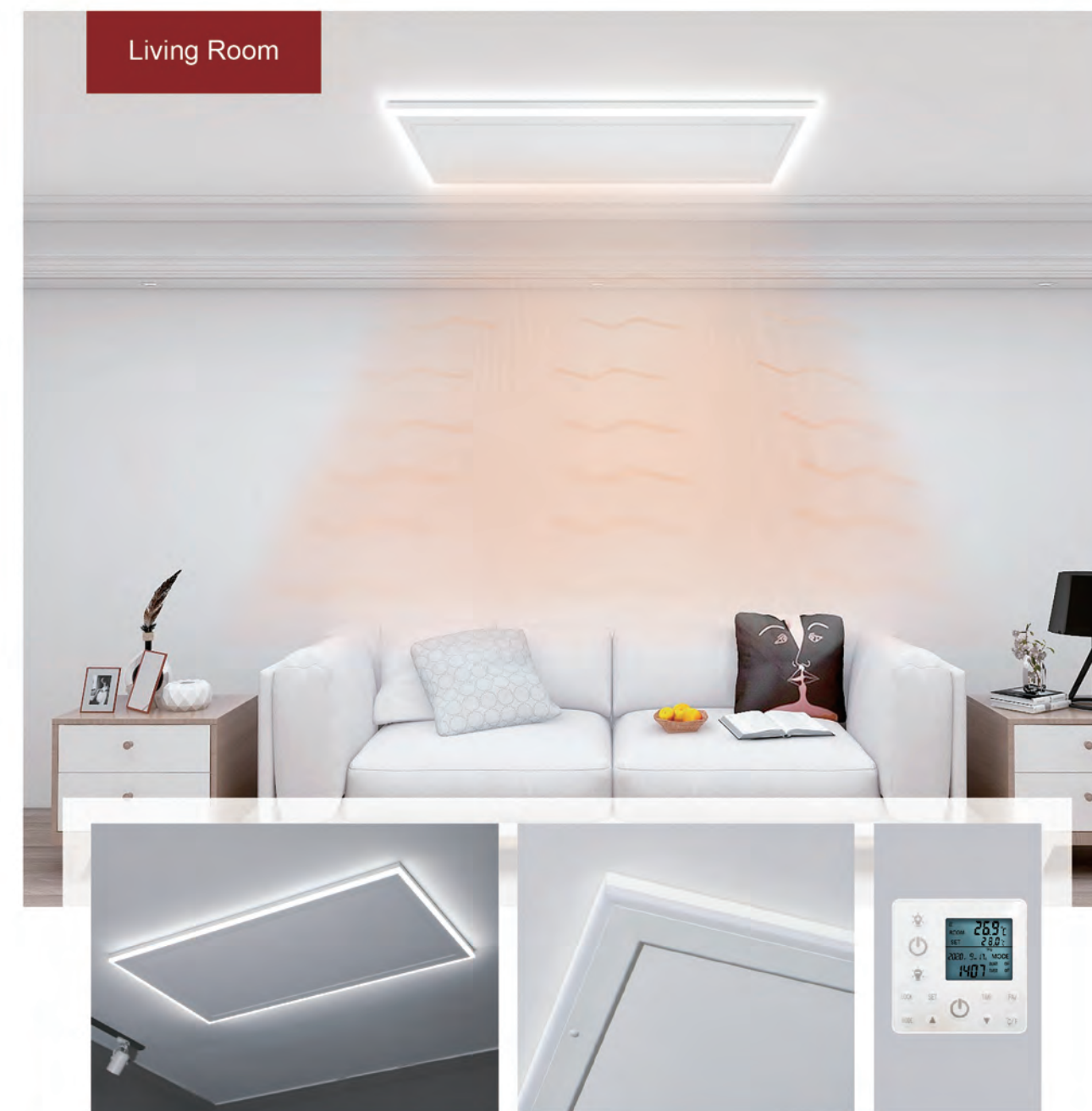
TECHNICAL PARAMETERS			
HEATING ELEMENT	Nicr Heating Wire	SURFACE MATERIAL	White Aluminum Sheet
SURFACE TEMPERATURE	Around 130°C	BACK MATERIAL	Aluminum Foil Cloth
EFFICIENCY	98%	OVER HEAT PROTECTION	Yes
FRAME	White Aluminum Frame	CABLE LENGTH	1.9 Meter

HH+LED

series

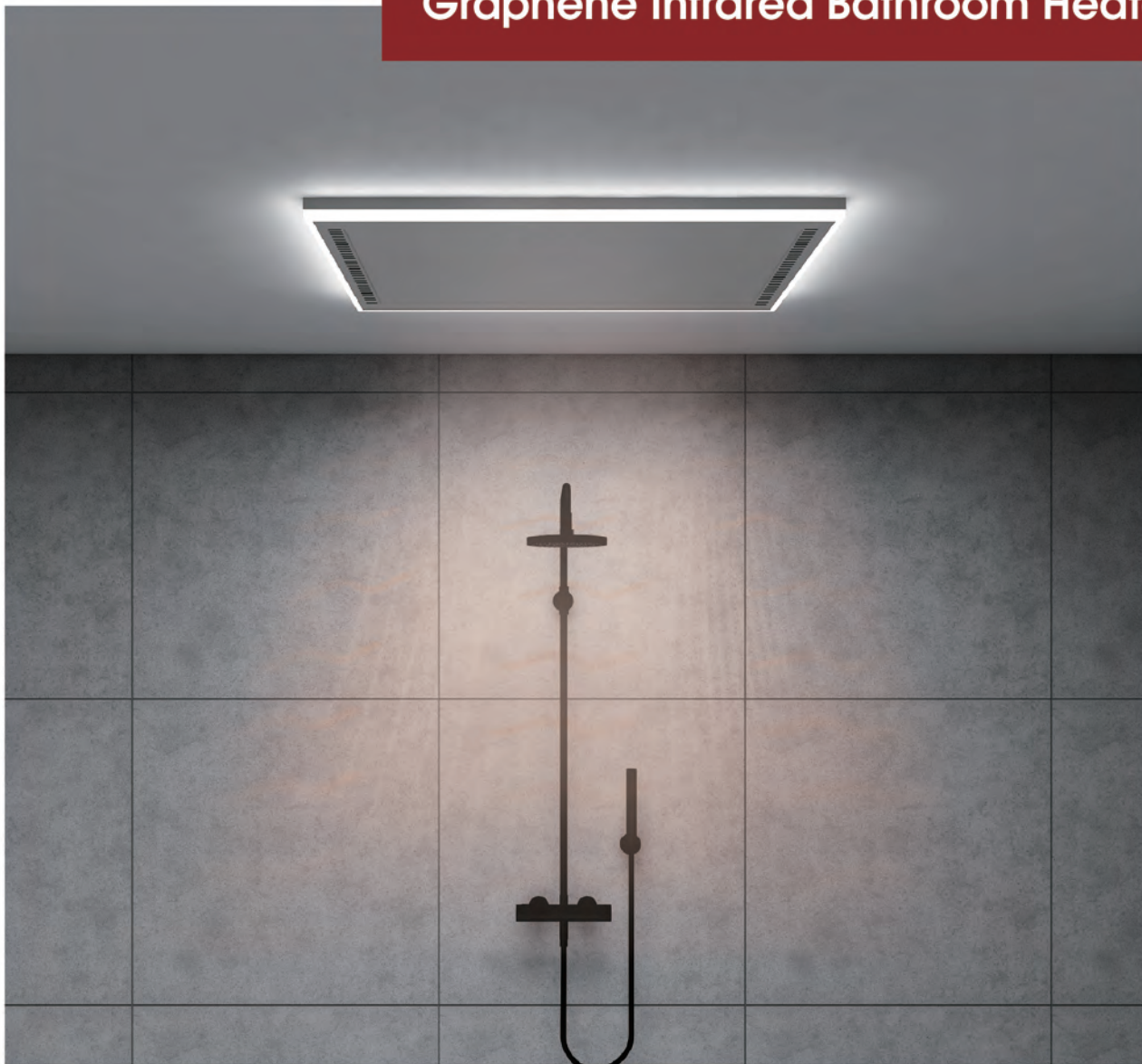


TECHNICAL PARAMETERS			
HEATING ELEMENT	Carbon Crystal	INGRESS PROTECTION RATION	IP52
SURFACE TEMPERATURE	Around 150℃	OVER HEAT PROTECTION	Yes
ELECTRIC CONVERSION EFFICIENCY	98%	DEFAULT CABLE LENGTH	1.9 Meter
SURFACE MATERIAL	IR Ceramic Coating	CEILING MOUNTED	Only
FRAME	White Aluminum	WITH LED	Yes
BACK MATERIAL	Aluminum Foil Cloth	LED LIGHT STRIPS	120 lamps/m
REMOTE CONTROL	Yes		



MODEL	DIMENSION(mm)	POWER(Watts)	LED POWER
HH0606L	703*703*33	390(Ceiling)	30W
HH1006L	1103*703*33	640(Ceiling)	37W
HH1206L	1303*703*33	800(Ceiling)	40W

Graphene Infrared Bathroom Heater



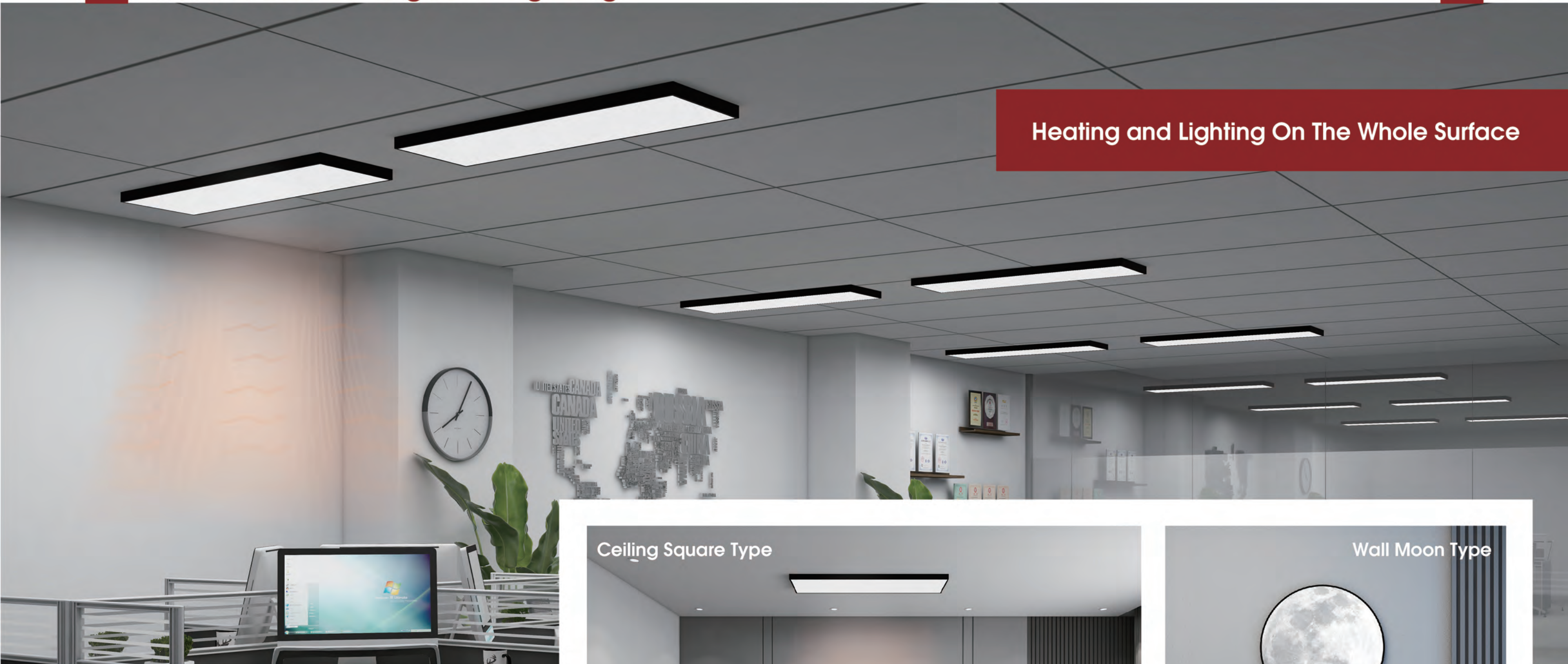
TECHNICAL PARAMETERS

HEATING ELEMENT	Carbon Crystal	INGRESS PROTECTION RATION	IP52
SURFACE TEMPERATURE	Around 160℃	OVER HEAT PROTECTION	Yes
ELECTRIC CONVERSION EFFICIENCY	98%	DEFAULT CABLE LENGTH	1.9 Meter
SURFACE MATERIAL	IR Ceramic Coating	CEILING MOUNTED	Only
FRAME	White Aluminum	WITH LED	Yes
BACK MATERIAL	Aluminum Foil Cloth	LED LIGHT STRIPS	120 lamps/m
REMOTE CONTROL	Yes	FEATURE	Fans on sides



DIMENSION(mm)POWER(Watts)

700*700	550(Ceiling)
900*600	600(Ceiling)
1100*700	900(Ceiling)
1300*700	1100(Ceiling)



Heating and Lighting On The Whole Surface

Sizes for the square type

600*600*40mm

600*900*40mm

600*1200*40mm

350*1200*40mm

Sizes for the round type

Diameter 600*40mm

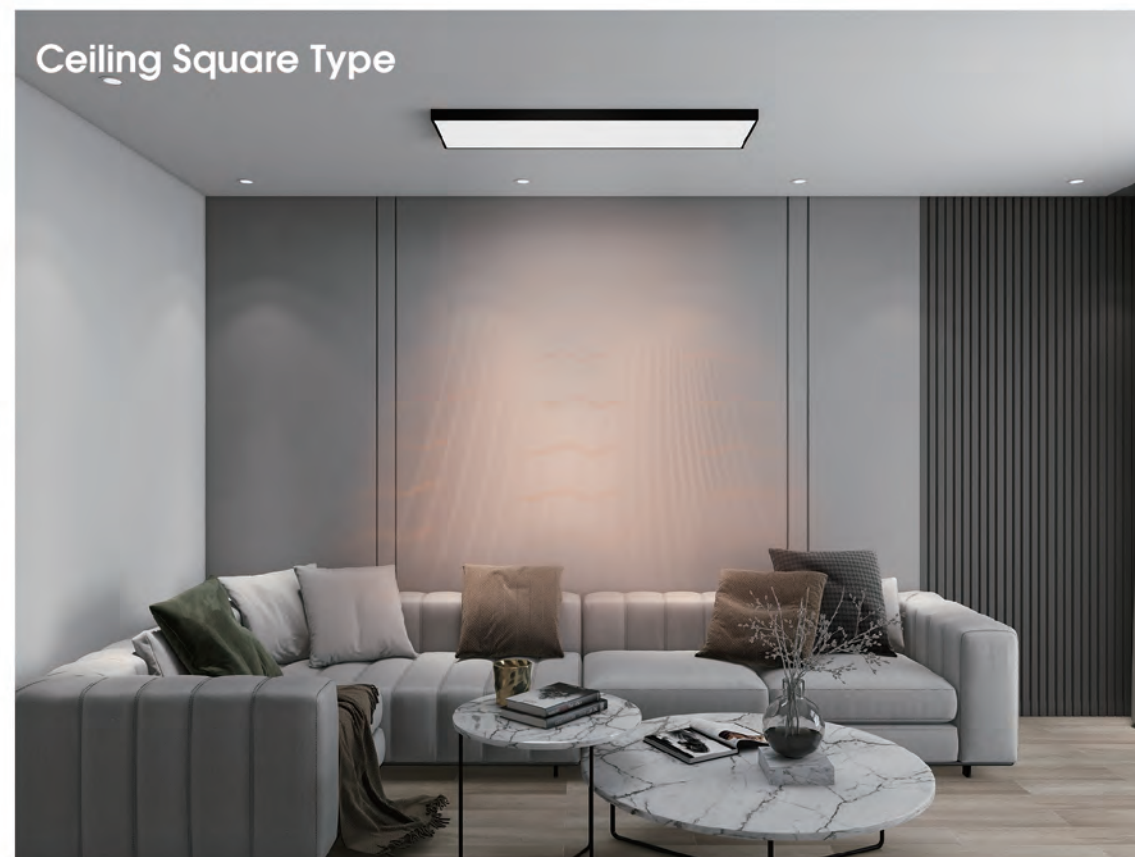
Diameter 700*40mm

Diameter 800*40mm

Diameter 900*40mm

- Other sizes and types can be customized

Ceiling Square Type



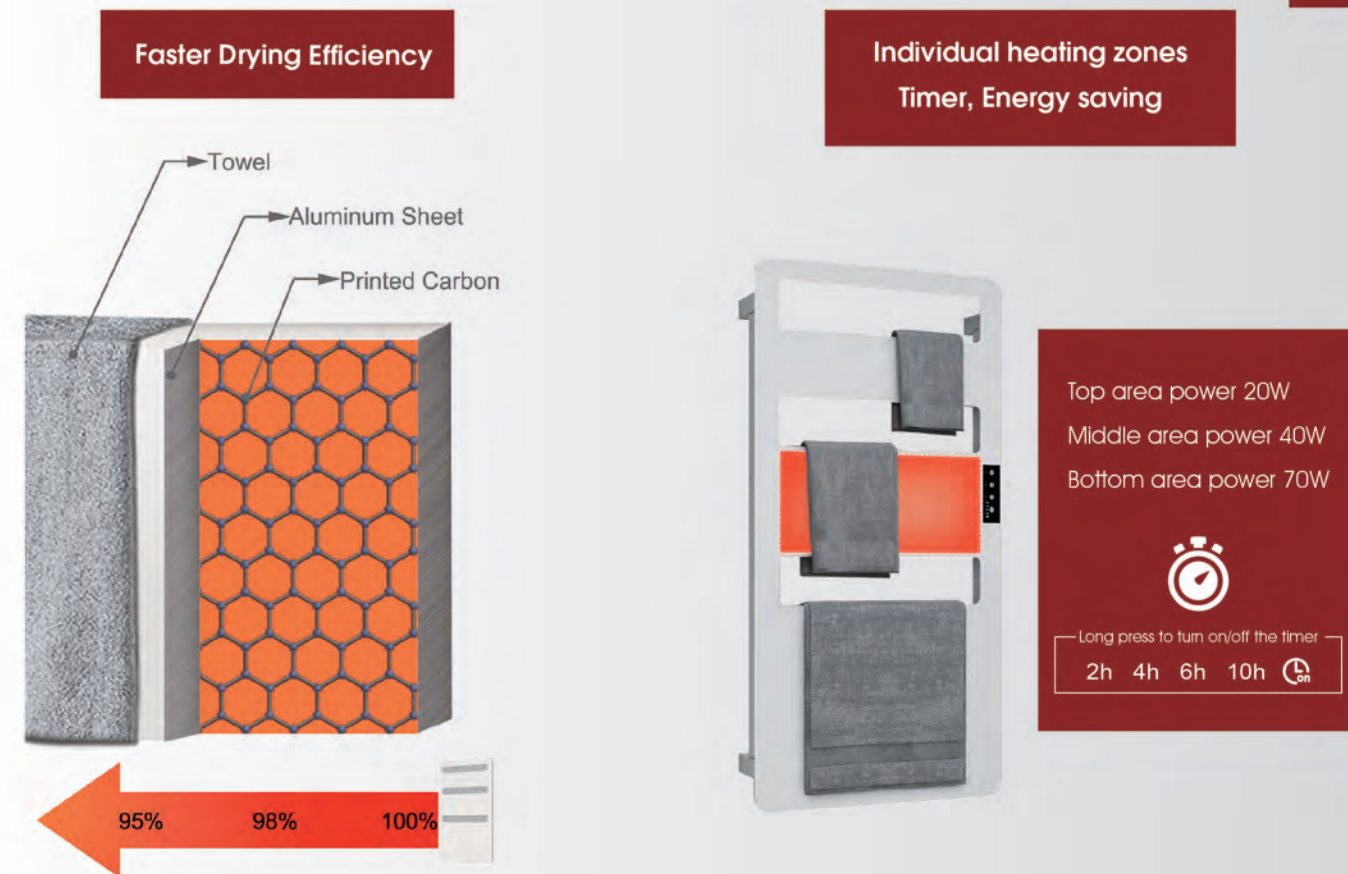
Wall Moon Type



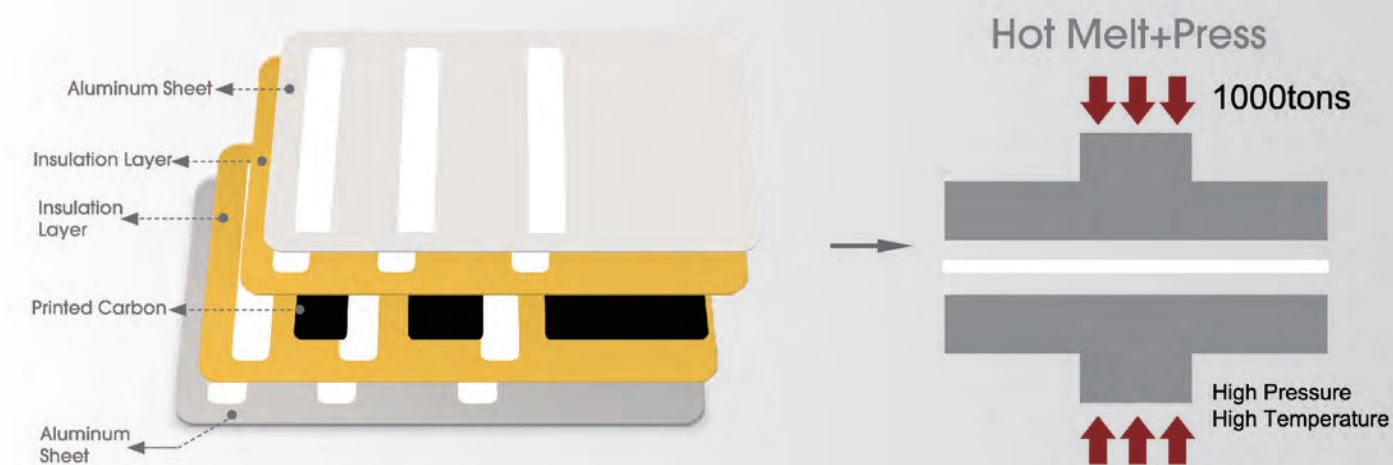


TECHNICAL PARAMETERS

SIZE	460*900*83mm or Other Size	HEATING ELEMENT	Printed Carbon
POWER	130W or Other Power	SWITCH	Electronic or Mechanical switch
MATERIAL	Mainly Aluminum	IP GRADE	IP54
SURFACE MATERIAL	Powder Coating		



Patent Integrally-Formed Technology



ElectricHeated Glass Towel Warmer



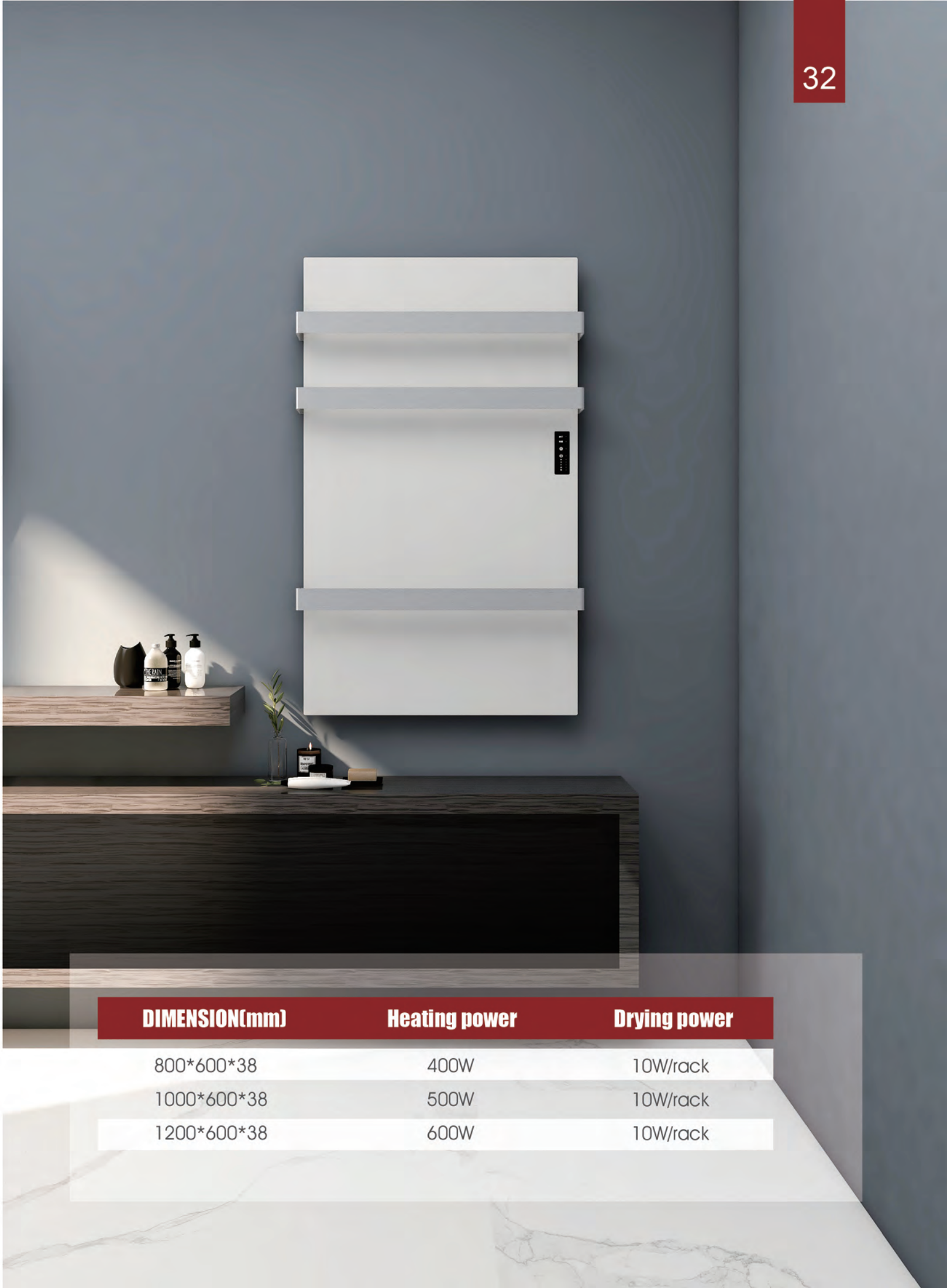
TECHNICAL PARAMETERS

SIZE	460*680*83 / 460*390*83mm	HEATING ELEMENT	Printed Carbon
POWER	95W / 60W	SWITCH	Touch
MATERIAL	Mainly Aluminum	IP GRADE	IP54
SURFACE MATERIAL	Glass	DEFAULT CABLE LENGTH	1.9 Meter

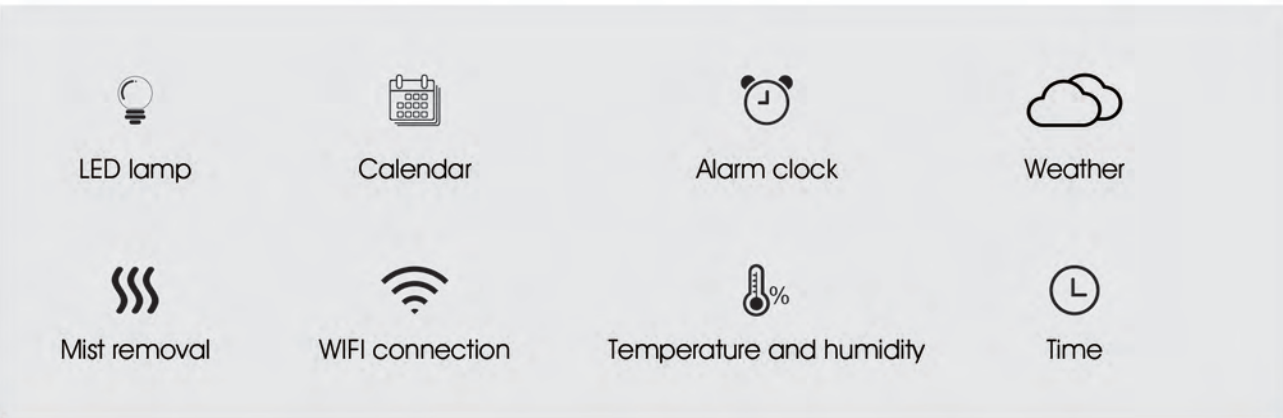
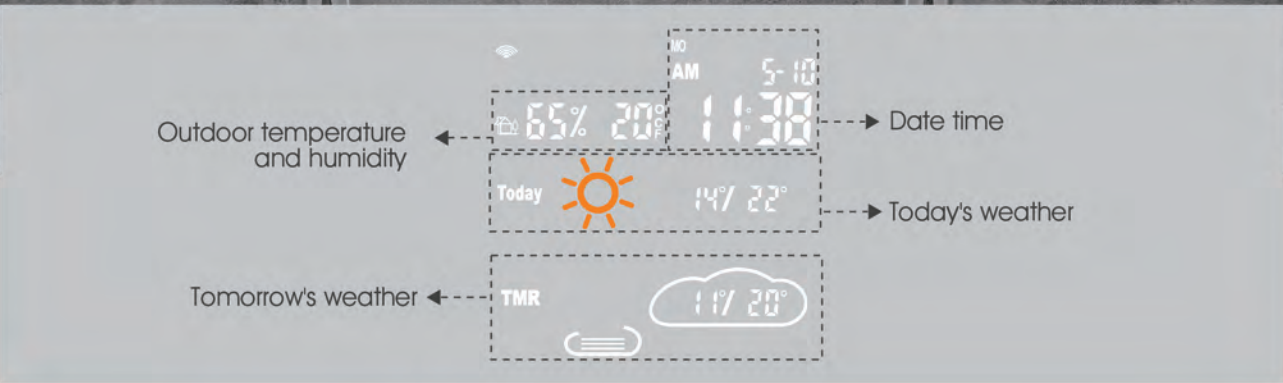
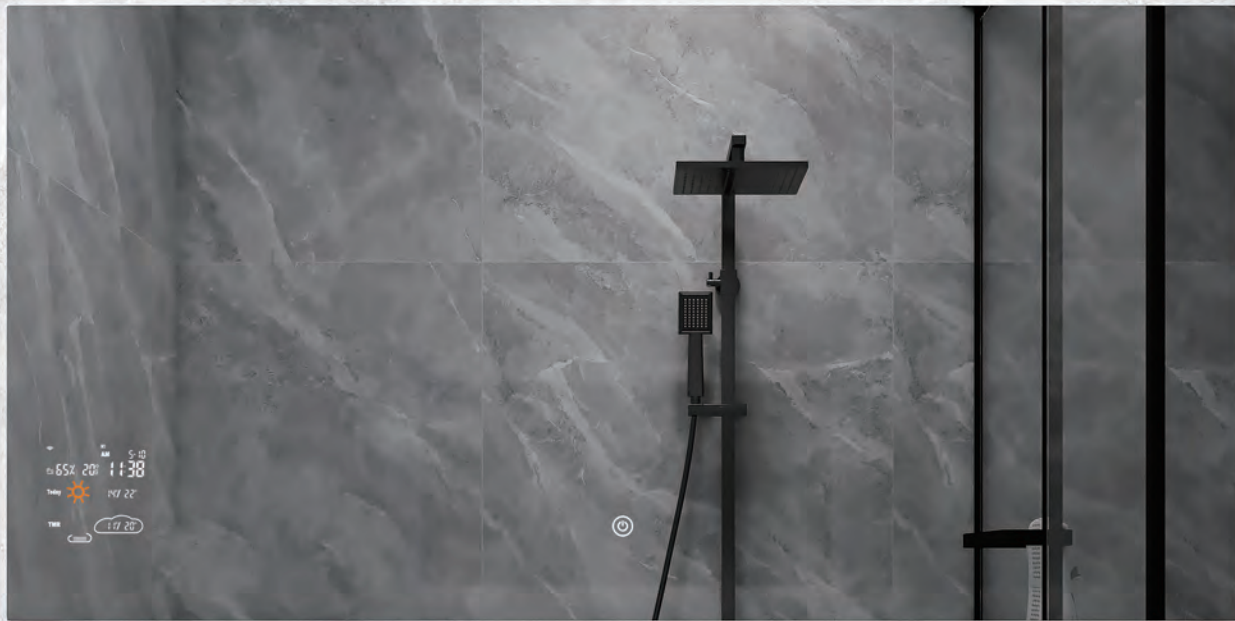


TECHNICAL PARAMETERS

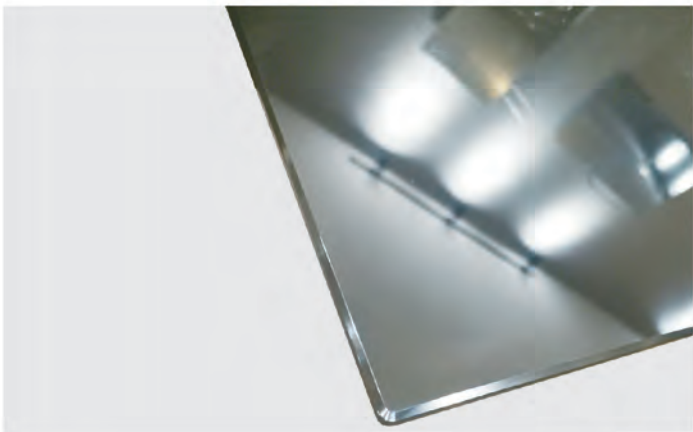
MATERIAL	Tempered glass	HEATING ELEMENT	Printed Carbon
GLASS COLOR	White or Black	SWITCH	Electronic or Mechanical switch
DEFAULT CABLE LENGTH	1.9 Meter	IP GRADE	IP54



DIMENSION(mm)	Heating power	Drying power
800*600*38	400W	10W/rack
1000*600*38	500W	10W/rack
1200*600*38	600W	10W/rack



Function display



6mm Toughened Mirror
Diamond Cutting Process

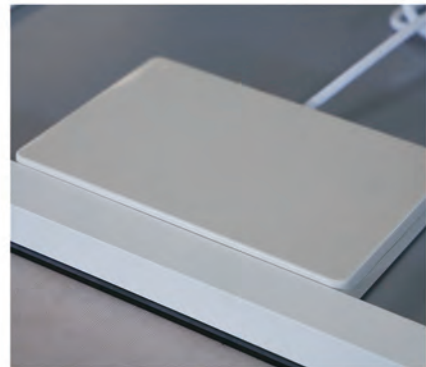
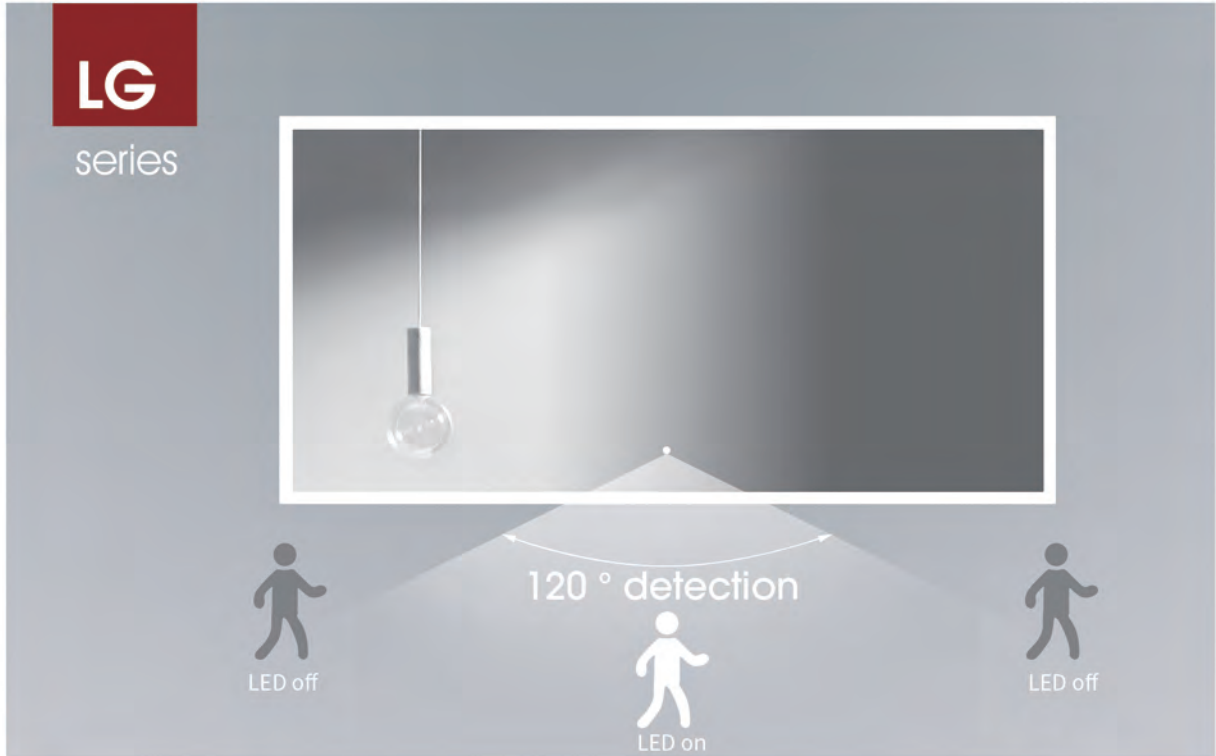
Embedded LED strip
Double-layer Waterproof



Delicate Back Design
Secure Structure



MODEL	DIMENSION(mm)	Heating/Defogging (Watts)	LED power
BKD-G0606-WLH/D	600*600*44	200W/26W	10W
BKD-G0806-WLH/D	600*800*44	250W/35W	12W
BKD-G1006-WLH/D	600*1000*44	350W/50W	13W
BKD-G1206-WLH/D	600*1200*44	500W/66W	15W



Details

TECHNICAL PARAMETERS

Surface Material	Magic Mirror / Copper Free Mirror / Tempered Mirror
Frame	Frameless / Aluminum Frame
Optional Functions	LED Light, Weather Display, Defogging
Optional Switch	Touch Switch, Human Body Induction LED Light Switch
LED Light	Warm White or Cold White
Customized Service	Sizes, Sandblasted Edge,Magnifier, Bluetooth Speaker

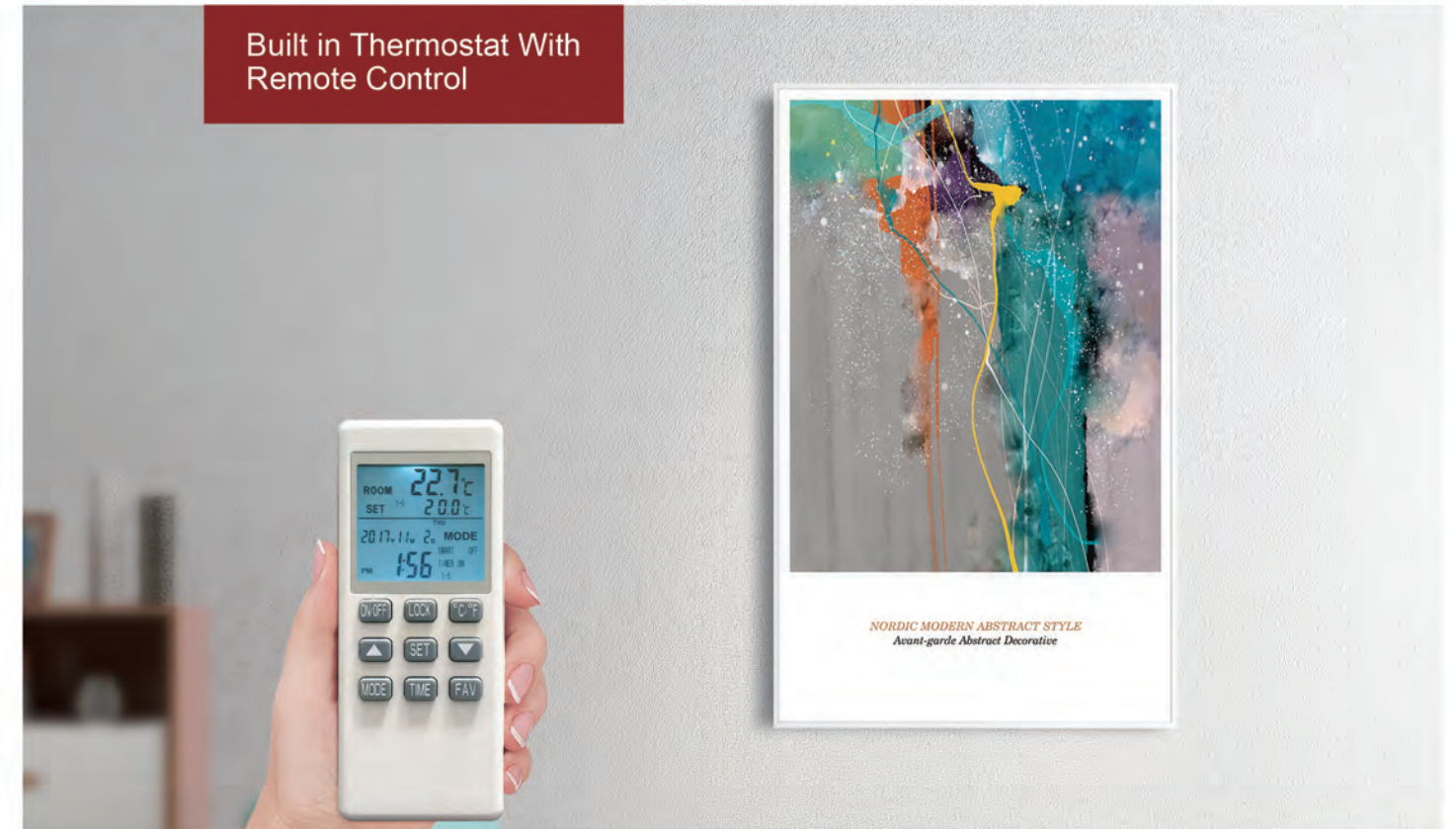
Built-in WIFI Thermostat



External WIFI Thermostat



Built in Thermostat With Remote Control



External Thermostat With Remote Control



Body size: 188*40*48mm
Material: Aluminium alloy
Color: silver, white or black
Weight: 170g/pair

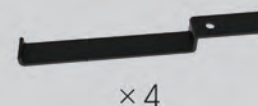
Floor Standing Feet



Celling Hanging Kits 1
4×1 meter steel wire rope
Load-bearing 30kgs
Automatic length adjusting
and locking extractor
Weight: 120g/set

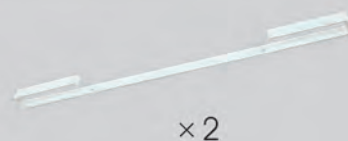
Celling Kits 2

easy and safe way for
ceiling mounting



× 4

Celling Kits 3



× 2

easy and safe way for
ceiling mounting



*Warm your life
in modern ways*