Cubic
– product card

This modern pergola stands out from the rest of our product range. The cubic construction comes with a retractable awning made from TechProtect fabric which is waterproof, non-flammable, UV resistant and very durable. It is ideal for designers, architects and individual users. The retractable awning allows you to fully control the amount of incoming sunlight. The additional accessories enable the terrace to be used from early spring until late autumn. The sliding glass panels and roller blinds close the Cubic and protect you from inclement weather and excessive sunlight.

SPECIFICATION

- Construction made from corrosion resistant extruded aluminium.
- Electric motor control included in the price.
- TechProtect roof fabric - comes as standard (other fabrics available on request).
- Possibility of powder coating in any RAL colour.
- Available in wall-mounted and free-standing version.
- Option of modular connection.
- Construction's wind resistance up to 120 km/h.
- Possibility of installing a fabric visor.
- Option of additional accessories:
  - lighting,
  - glazing,
  - roller blinds (screeners),
  - infrared heaters,
  - wind, solar and rain sensors.

Infrared heaters

LED lighting - spotlights

LED lighting - LED strip lights, integrated with the gutter

Roller blinds (screeners)

Glazing

5 YEARS WARRANTY | 120 km/h | RGB | CE | RAL PALETTE | WOOD-GRAIN PAINTWORK

COLOURS

CONSTRUCTION

			ADDITIONAL COLOURS	
9010ST Colour cream-white similar to RAL9010 (in set)	7016ST Colour anthracite-metallic similar to RAL 7016 (in set)	9007 Colour Grey aluminium RAL9007 (in set)	Any colour from the RAL palette (extra charge + 10%)	Wood-like varnish (extra charge + 20%)

WIND RESISTANT BEAMS

			ADDITIONAL COLOURS
9016 Colour White (in set)	1013 Colour Cream (in set)	7016ST Colour anthracite-metallic similar to RAL 7016 (in set)	Any colour from the RAL palette (extra charge + 5%)

FABRICS

TechProtect (in standard)
SOLTIS W 96 (extra charge)
Serge 600 SOLAR (extra charge)

FABRIC VISOR -option of installing a protecting cover over the rolled up fabric

STANDARD FABRIC COLOURS (TECHPROTECT)

- white/ white 112
- bordeaux/ cream 444
- NEW grey/ light grey 877
- anthracite/ cream 815
- cream/ cream 272
- NEW taupe/ cream 819
- grey/ cream 878
- green/ cream 632

The Machinery Directive 2006/42/EC of the EU Parliament and of the Council - SAFETY OF MACHINES AND EQUIPMENT - Regulation amending Annex III to Regulation (EU) No 305/2011/ a declaration of performance on construction products (CPR), in accordance with the standards: PN - EN 13561 + A.1: 2010 - EXTERNAL BLINDS - operational requirements and safety; according to the norm: PN - EN 1932: 2013 - 09 - EXTERNAL BLINDS / ROLLER SCREEN / RESISTANCE TO WIND PRESSURE - BY RESEARCH METHODS
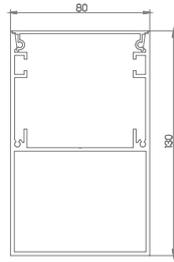
Cubic - technical data

WALL-MOUNTED MODEL
PROJECTION (cm)

PROJECTION
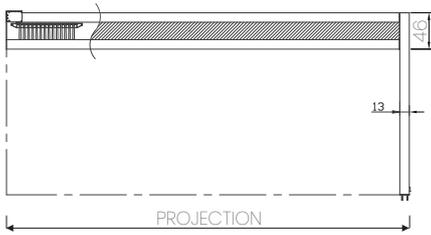
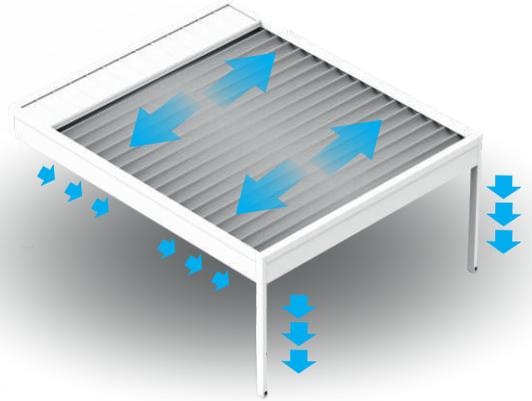### WIDTH (cm)
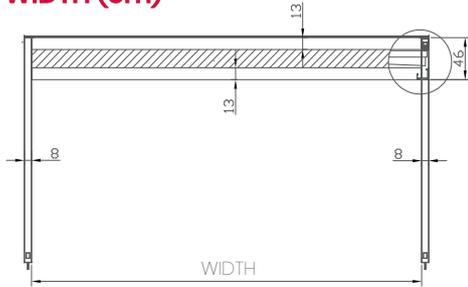
WIDTH

CROSS-SECTION PROFILE

Supporting pillar

WATER DRAINAGE
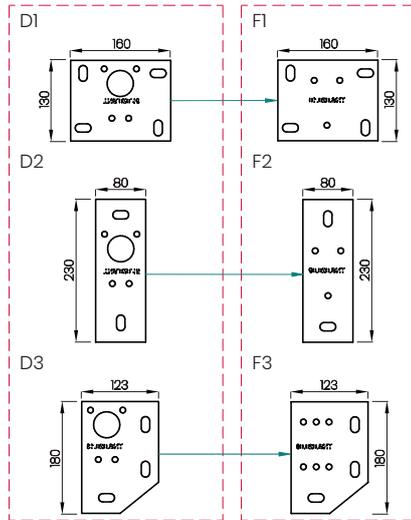

FRONT VIEW

WATER DRAINAGE
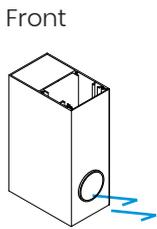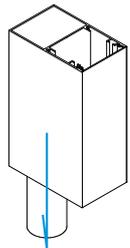
Front

Bottom

FIXING PLATE EXTERNAL

BOTTOM	FRONT
D1	F1
160 / 130	160 / 130
D2	F2
80 / 230	80 / 230
D3	F3
123 / 180	123 / 180

UNPAINTED STAINLESS STEEL

S max - 450

POSITION OF EXTERNAL FIXING PLATES

TNS.020.02   TNS.020.02

S

GUTTER CROSS-SECTION

Water drainage

LAYOUT EXAMPLE

Cubic – technical data

SIDE VIEW

folded fabric

unfolded fabric

FIXING TO THE WALL
H + 2 CM

ALUMINIUM OR POLYCARBONATE
PANEL COVER

W max – 700

W max – 700

INSTALLATION OF
STARTING PROFILE

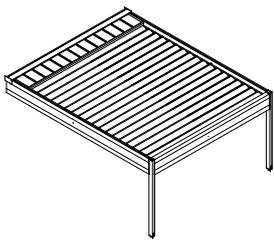max 30

100

13

13
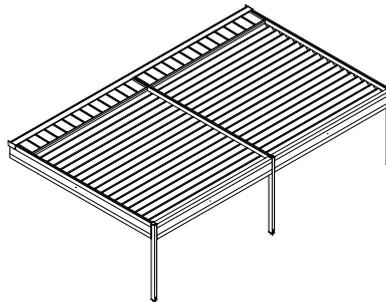
13

13

h
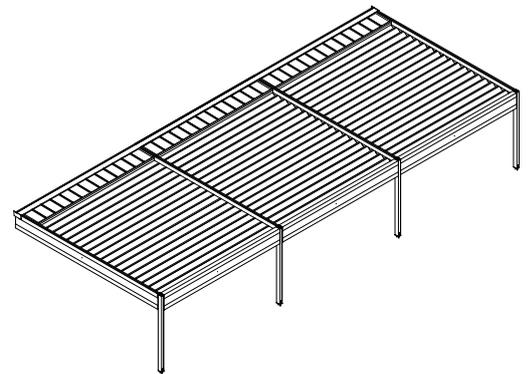
h Standard = 270

h max = 300

W–13

W–13
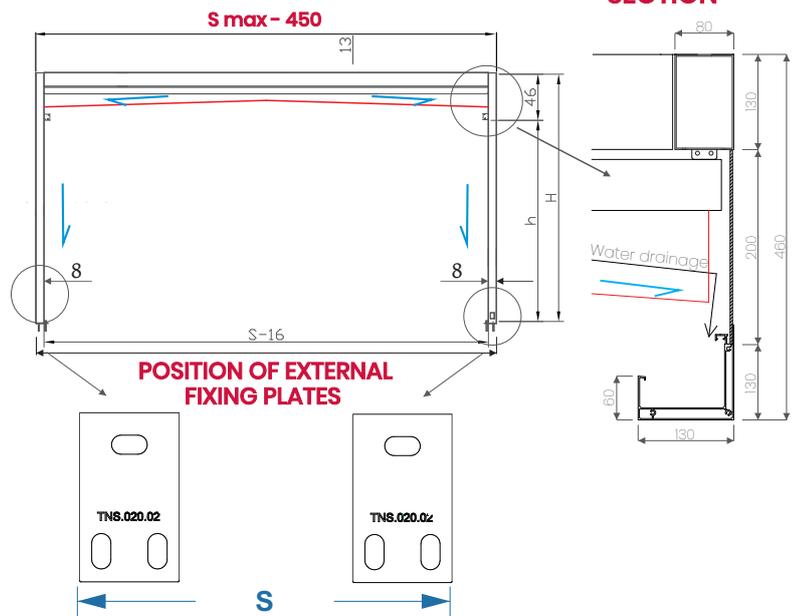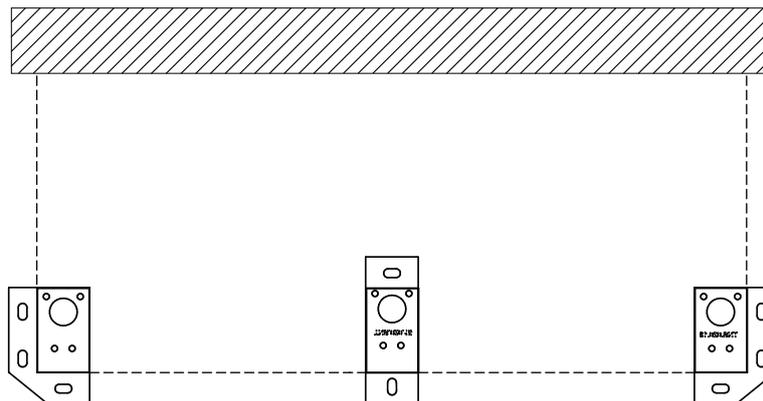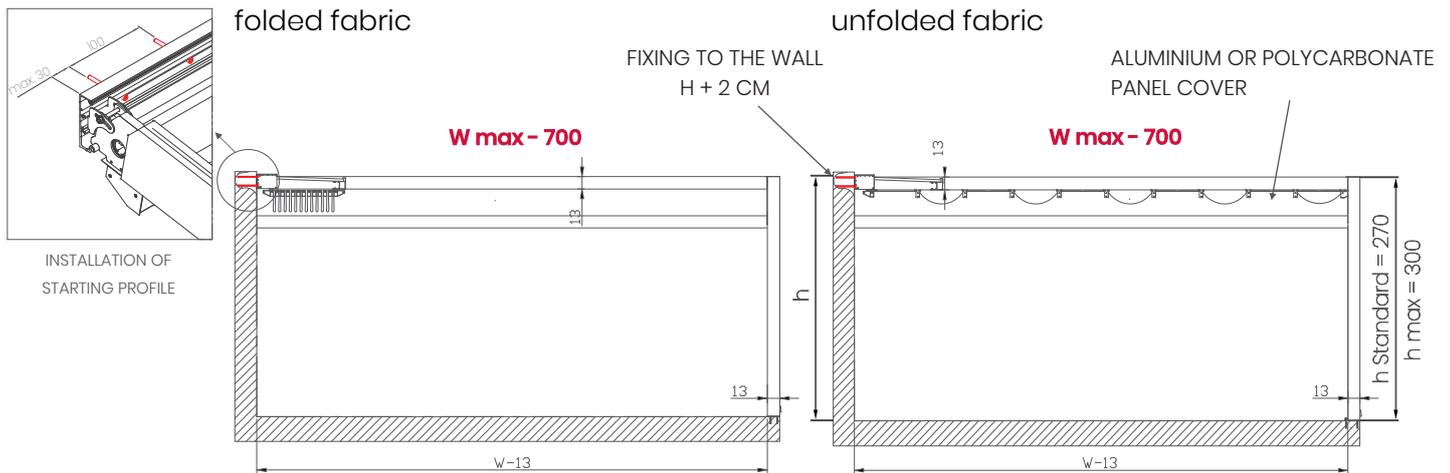
WALL–MOUNTED MODEL

1 module:

Width max – 450 cm

Max projection – 700 cm

2 modules:

Width max – 900 cm
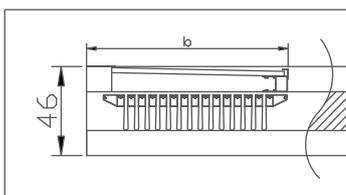
Max projection – 600 cm

3 modules:

Width max – 1300 cm

Max projection – 600 cm
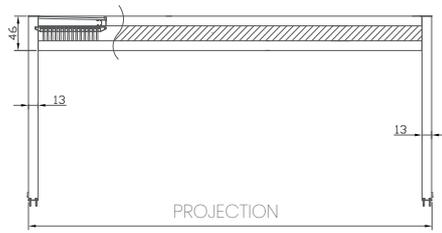
*Rail – always in the axis of the pillar

FABRIC BUNDLE

Calculation table for the bundle and fabric visor

b

46

P [cm]	b[cm]	I [pc]
Projection of the construction	Projection of fabric visor	Number of wind resistant beams
200	56	5
250	62	6
300	68	7
350	74	8
400	80	9
450	86	10
500	92	11
550	98	12
600	104	13
650	110	14
700	116	15

Cubic - technical data

FREE–STANDING MODEL

PROJECTION (cm)

46
13
13

PROJECTION

CROSS-SECTION PROFILE

80
130

Supporting pillar

WATER DRAINAGE

WIDTH (cm)

FRONT VIEW

WATER DRAINAGE

Front

Bottom

FIXING PLATE EXTERNAL

BOTTOM   FRONT

D1   F1

160   160
130   130

D2   F2

80   80
230   230

D3   F3

123   123
180   180

UNPAINTED STAINLESS STEEL
STANDARD IN FREE–STANDING
CONSTRUCTION

GUTTER CROSS –SECTION

S max – 450
13
46
13
8
8
H
h
S–16

80
130
200
460
130
130

Water drainage

LAYOUT EXAMPLE

Cubic - technical data

SIDE VIEW

folded fabrIc

unfolded fabric

ALUMINIUM OR POLYCARBONATE PANEL COVER

W max - 700

W max - 700
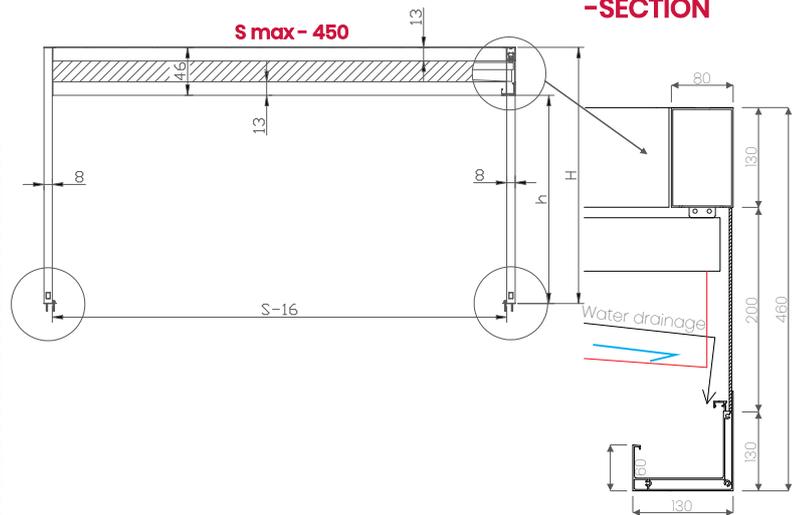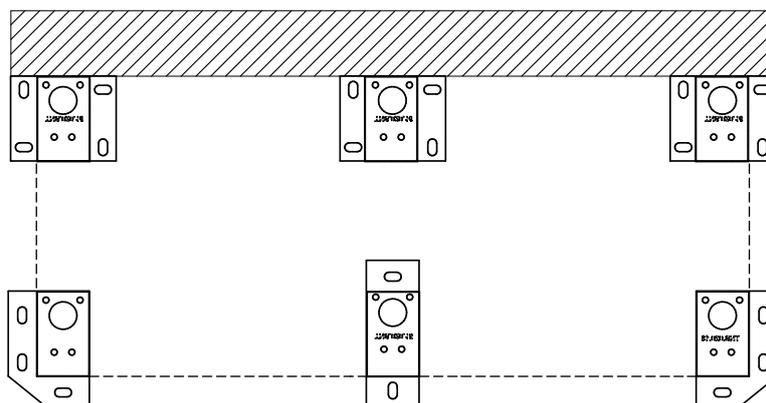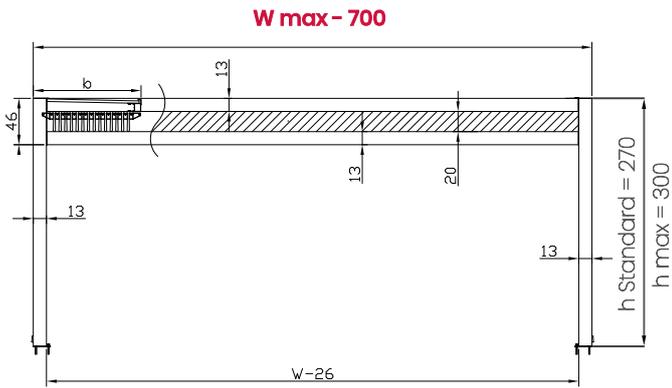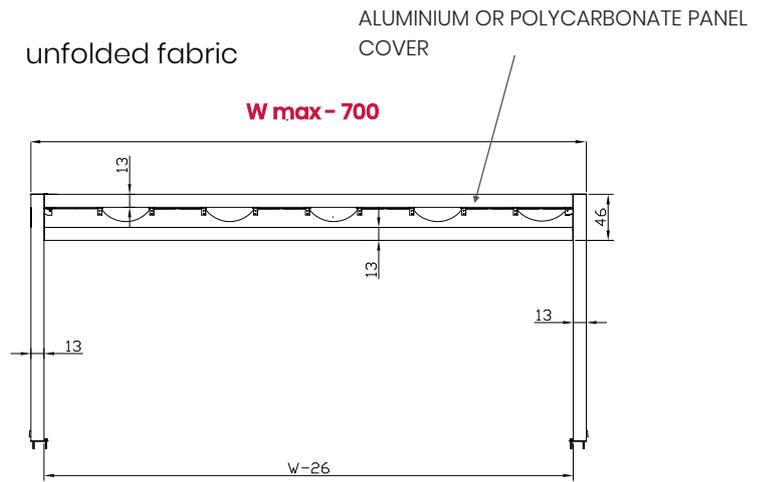
FREE-STANDING MODEL
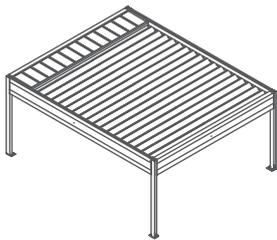
1 module:

Width max - 450 cm
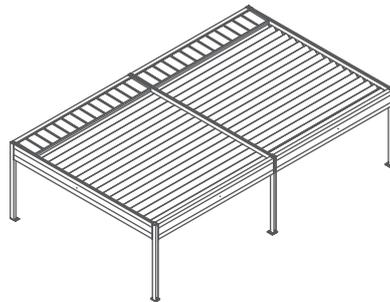
Max projection - 700 cm

2 modules:

Width max - 900 cm

Max projection - 600 cm
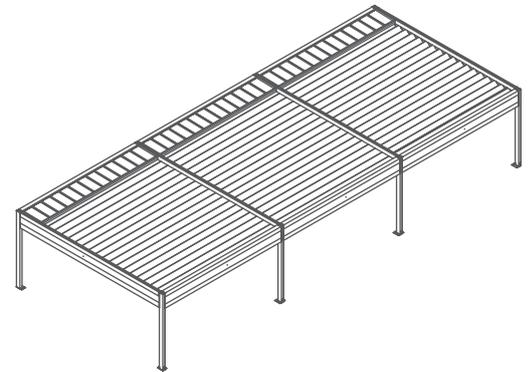
3 modules:

Width max - 1300 cm

Max projection - 600 cm

*Rail - always in the axis of the pillar

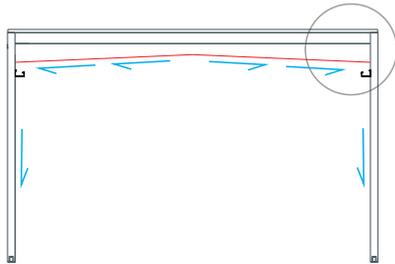## FABRIC BUNDLE

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Cubic - additional accessories

Tarasola ®
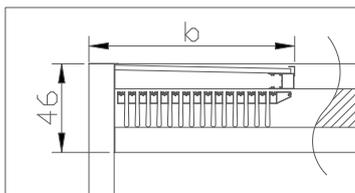
Fabrics	description
Techprotect	850 g/m^2
Soltis W 96	620 g/m^2
Serge 600 SOLAR	645 g/m^2

Motors

Wired motor

SOMFY - mechanical limit switches, compatible with TELECO control panels

Radio motors

SOMFY ALTUS RTS

SOMFY PERGOLA I0

Remote controls somfy RTS

SITUO 1 RTS remote control, single-channel

SITUO 5 RTS remote control, five-channel

TELIS 1 SOLIRIS RTS remote control, single-channel with solar sensor support

TELIS 4 SOLIRIS RTS remote control, five-channel with solar sensor support

TELIS 16 RTS remote control, sixteen-channel

Remote controls somfy IO

SITUO 1 IO remote control, single-channel

SITUO 5 IO remote control, five-channel

NINA IO remote control

NINA TIMER IO remote control

Controls TELECO

Radio control unit for 1 motor

Radio control unit for 1 motors, integrated with LED receiver (max. 75 pc LED spotlights)

Power suply 150 W

42 channel remote control, black/white

Cubic - additional accessories

Lighting

LED
lighting - spotlights

LED spotlights
Additional control up to 25 spotlights Somfy RTS
Additional control up to 50 spotlights Somfy RTS
Additional control up to 25 spotlights Somfy IO
Additional control up to 50 spotlights Somfy IO

Min. of 8 spotlights per construction,

min. 3 LED spotlights on a wind resistant beam.

LED lighting - LED strip
lights, integrated with
the gutter

LED strip 8W - White
LED strip RGB 8W
Controler white/RGB TELECO up to 28 m (max. 4 pc LED strip)
Power supply up to 18 m
Power supply from 18–36 m

Audio System TELECO

Audio controlled via Blutooth
Speaker 25 W The speakers are built into the frame, diameter 10 cm. Works with the Audio Bluetooth control system.

Smartphone control

NEW

TAHOMA SOMFY
CONEXON IO
CONEXON RTS
DAISY TELECO

Weather sensors

Wind EOLIS SENSOR RTS for radio engines (white)

Wind-Solar SOLIRIS SENSOR RTS for radio engines (white)

Wind TELECO

Rain TELECO

Temperature TELECO

Rain and temperature sensors to detect snow TELECO

Infrared heaters

power

Infrared heater GR1 - controlled by a switch with a LOW GLARE emitter that generates less light, water-tight class IP65, colour: white or black, usually controlled by a wall switcher. For external use.	1,5 kW
Infrared heater GR2 IR - a infrared heater with a built-in infrared receiver, remote control and a LOW GLARE emitter that releases less light. Water-tight class IP65, colour white or black, controlled by an infrared remote control (in set). For external use.	1,5 kW
Additional infrared remote control	

Radio receivers for infrared heaters GR1

Somfy RTS receiver Enables operation of the GR1 infrared heater with TELIS remote controls in the on/off range.	For the single infrared heater max. power 2 kW
Somfy RTS MODULIS Receiver Gr1 infrared heater can be operated by TELIS MODULIS (recommended) and TELIS remote controls in the on/off range and smooth regulation of heat intensity from 0% to 100%.	For of 1 to 2 infrared heaters of total power 3 kW

Tarasola ®

SOMFY IO ON/OFF Receiver for 1 infrared heater 2kW
Enables operation of infrared heater Gr1.

For the single infrared heater max. power 2 kW

TELECO ON/OFF Receiver up to 1-2 pcs infrared heater 3kW
Enables operation of infrared heater Gr1.

For of 1 to 2 infrared heaters of total power 3 kW

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