



MASTER

USER AND MAINTENANCE BOOK

GB

CE

B 3 EPB W 110

TECHNICAL DATA

Model		B 3 EPB W 110
Power	kW	1,5 - 3,0
	kcal/h	1250 - 2500
Switch Position 1	kW	OFF
Switch Position 2	kW	Fan
Switch Position 3	kW	1,5
Switch Position 4	kW	3
Max current cons.	A	27,3
Voltage	V/Hz	110/50
Air displacement	m ³ /h	510
Temperature range	°C	5-35
Weight	kg	5,8
Dimension L x W x H	cm	27x26x41
Resistance norm		IP24

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PICTURES

Front B 3 EPB W 110

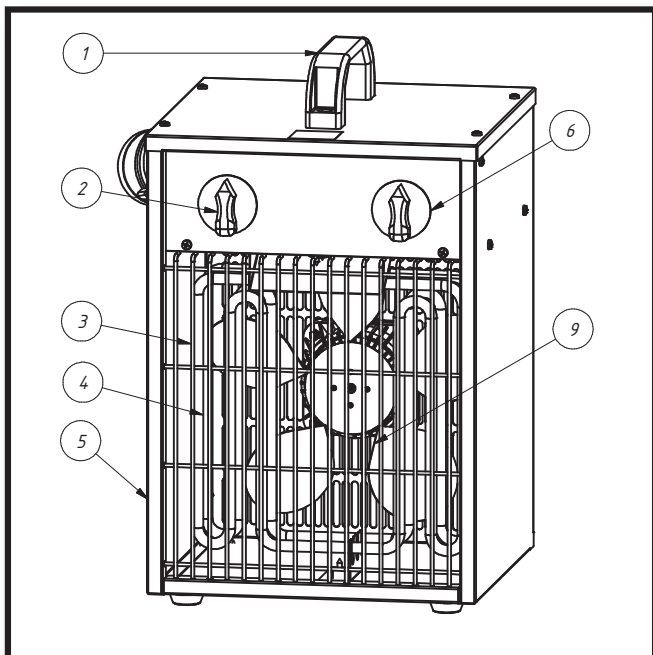


Fig. 1

Back B 3 EPB W 110

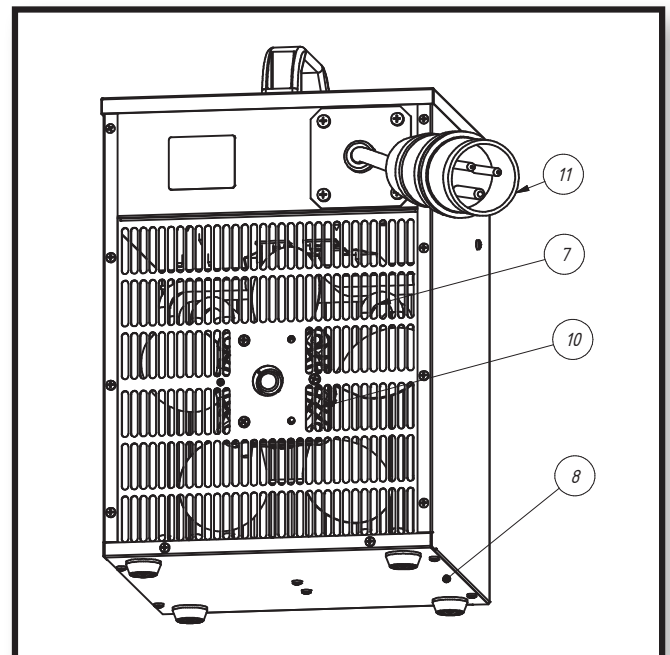


Fig. 2

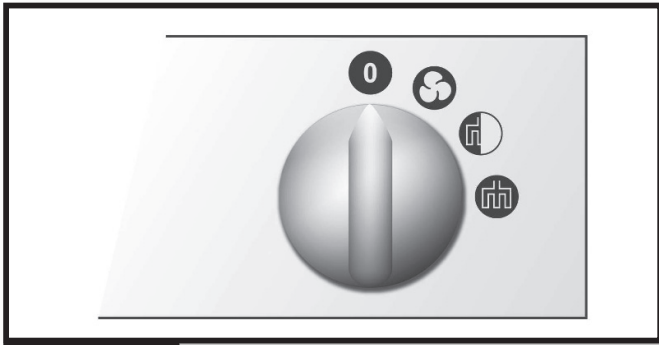


Fig. 3

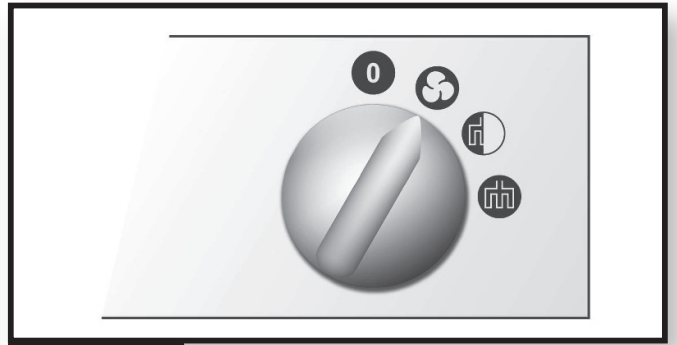


Fig. 4

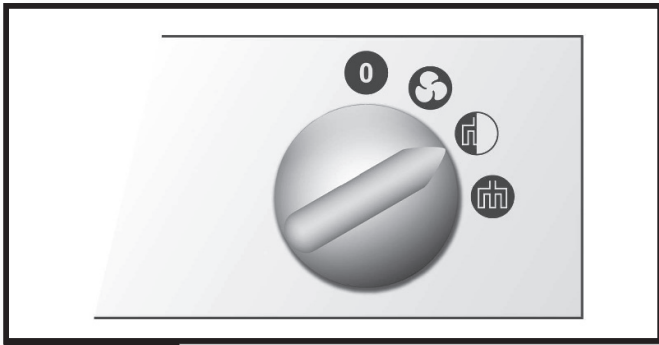


Fig. 5

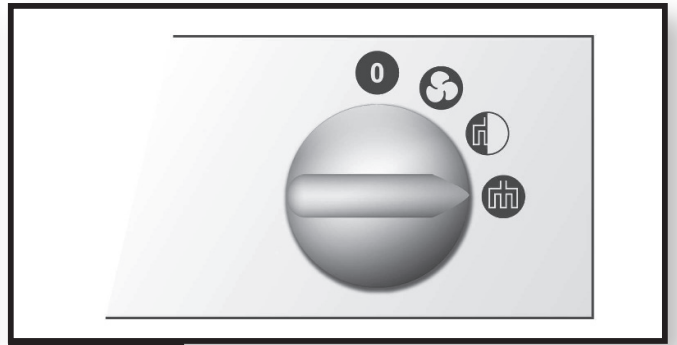


Fig. 6

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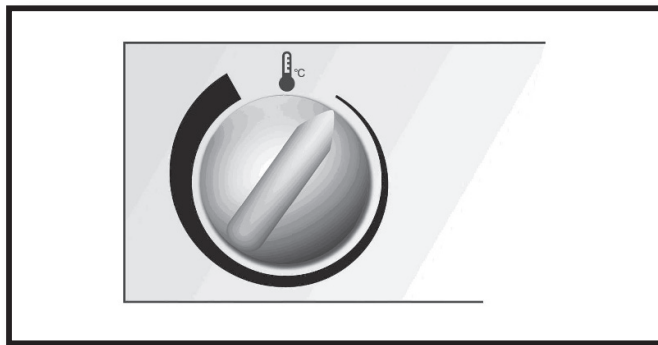


Fig. 7

PARAGRAPH SUMMARY

1...	SAFETY INSTRUCTIONS
2...	UNPACKING AND TRANSPORT
3...	DESCRIPTION OF INDIVIDUAL COMPONENTS
4...	SWITCHING ON
5...	SWITCHING OFF
6...	TEMPERATURE CONTROL
7...	THERMAL CIRCUIT BREAKER
8...	OUT-OF-SEASON STORAGE
9...	FUNCTIONAL INSPECTION
10...	TROUBLESHOOTING

IMPORTANT!!!: Carefully read this service manual before you start to use, repair or clean the heater. Improper use of the appliance may cause serious injuries, burns, electric shock or fire.

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►► 1. SAFETY INSTRUCTIONS

The appliance has been designed for heating closed areas such as e.g. warehouses, shops and houses. It complies with the Directive No. 2006/95/EC, 2004/108/EC including the harmonised standards No. EN 60335-1 and EN 60335-2.

⚠ WARNING! Do not place the heater directly under the wall outlet. Do not touch internal components of the heater.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.



- Do not cover the heater when it is operating. The appliance may get overheated.
- Do not operate the appliance close to humid places such as water tanks, bathtubs, showers or swimming pools. Any contact with water may be the reason of short-circuit or electric shock.
- The heater should be kept at a safe distance from flammable materials. The minimum safety distance should not be inferior to 0.5 m, otherwise you run the risk of starting the fire.
- Do not use the heater in dusty spaces or rooms where gasoline, solvents, paints or other volatile

and inflammable materials are stored in order to avoid the risk of explosion.

- The heater should not be used close to the curtains or other textiles in order to avoid the risk of fire.
- Be particularly cautious when using the heater in the rooms frequented by children or animals.
- The heater should be supplied from a source meeting the requirements specified on the rating plate.
- Use only a feeder cable including the earth lead in order to avoid electric shock in emergency situations.
- Do not unplug the heater by pulling the wire out of the wall socket. The appliance should cool down through the ventilation effect.
- Unplug the heater when not used in order to avoid accidental damages.
- Before you dismantle the casing check if the feeder cable has been pulled out of the wall socket. Internal components may be live.

►► 2. UNPACKING AND TRANSPORT

- Open the package and take the heater out including all the safety locks installed for the period of transport.
- Should the appliance seem damaged, notify immediately the seller of the same.
- Transport the heater using the lifting eyes No. 1 shown in Figs. 1, 2.
- The heater should be transported in original package including the safety locks.

▶▶ 3. DESCRIPTION OF INDIVIDUAL COMPONENTS

See Figs. 1-2,

- 1) Lifting eye
- 2) Thermostat
- 3) Front protective grid
- 4) Heating element
- 5) Casing
- 6) Switch
- 7) Back protective grid
- 8) Base foot
- 9) Fan
- 10) Motor
- 11) Plug

▶▶ 4. SWITCHING ON

⚠ WARNING !!!: Carefully read this service manual before you start to use the heater. The instructions contained herein will allow you to use the appliance in a safe manner.

Make sure the power supply cable has not been damaged. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. Moreover, check if the technical parameters of power supply source comply with the requirements specified on the rating plate. Place the appliance in its upright position. Make sure the switch is in its "0" position shown in Fig. 3. Connect the heater to the power supply source. Turn the switch and leave it for 5 seconds in the positions as follows:

- ▶ Fan only: Fig.4,
- ▶ 1st degree of heating: Fig. 5,
- ▶ 2nd degree of heating: Fig. 6.

▶▶ 10. TROUBLESHOOTING

PROBLEM	REASON	SOLUTION
The motor operates while the appliance does not heat.	Thermostat has been damaged. Relay has been damaged. Heating element has been damaged.	Replace the thermostat. Replace the relay. Replace the heating element.
The motor does not operate while the heating elements are hot.	Motor has been damaged. Fan has been stopped. Switch has been damaged.	Replace the motor. Unlock / clean the fan. Replace the switch.
The whole appliance does not operate.	Electric circuit open. Switch has been damaged.	Check power supply connection. Replace the switch.
Reduced air flow.	Foul air duct. Motor has been damaged.	Open the air duct. Replace the motor.

▶▶ 5. SWITCHING OFF

Turn the switch to its "0" position. Once the heating is off, leave the fan operating for 3 minutes.

▶▶ 6. TEMPERATURE CONTROL

The temperature in the room may be set by means of the control knob (Fig. 7). Once the pre-set temperature is produced, the thermostat will automatically switch the heating elements off while the fan will continue to operate thus protecting the appliance from overheating. If the temperature falls down beyond the pre-set value, the system will switch the heating elements on again.

▶▶ 7. THERMAL CIRCUIT BREAKER

The appliance has been equipped with an integrated thermal circuit breaker ensuring high safety level. The breaker will automatically switch the power supply off once a limit temperature is exceeded.

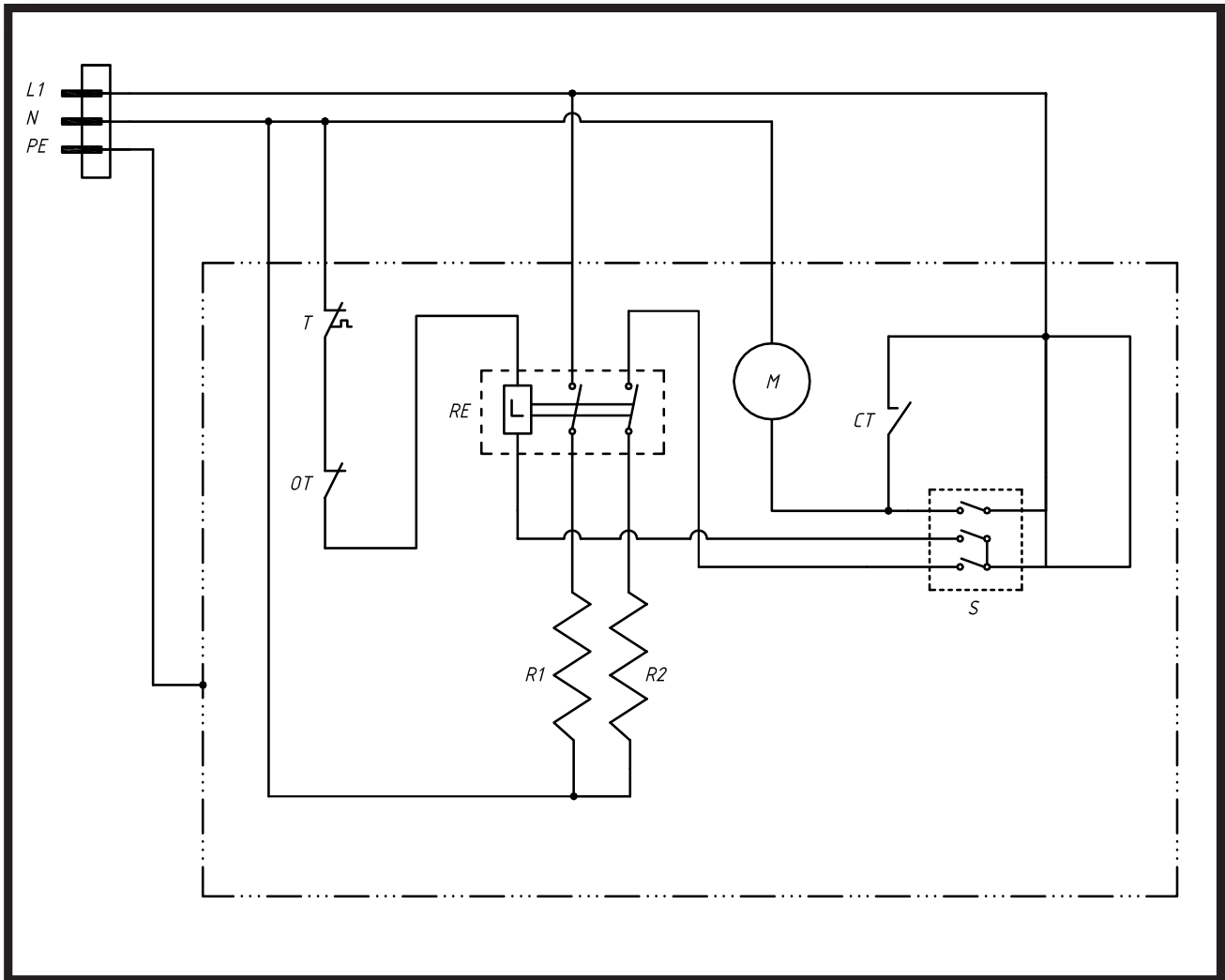
▶▶ 8. OUT-OF-SEASON STORAGE

Should the appliance remain idle for a long period of time, clean it before shoving by blowing the inside with compressed air. The heater should be kept in a dry and clean place. Before you start using it again make sure the power supply cable has not been damaged. In the case of any doubts contact the seller or approved service centre.

▶▶ 9. FUNCTIONAL INSPECTION

The appliance should be checked at least once a year by competent service personnel approved by the manufacturer. Any inspections or repairs should be conducted by competent personnel only.

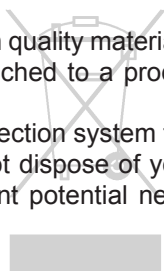
WIRING DIAGRAM



- S – rotary switch
- M – motor
- OT – overheat thermostat
- CT – cooling thermostat
- T – adjustable room thermostat
- RE – relay
- L – coil of relay
- R1,R2 – heating elements

GB - Disposal of your old product

- Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.
- When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.
- Please inform yourself about the local separate collection system for electrical and electronic products.
- Please act according to your local rules and do not dispose of your old product with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.



AL DEKLARATA E PËRSHTATJES TË BE
BG ДЕКЛАРАЦИЯ ЗА СЪВМЕСТИМОСТ EC
CZ EC PROHLÁŠENÍ O SHODĚ
DE EG- KONFORMITÄTSEKTLÄRUNG
DK EF-OVERENSSTEMMELSESEKTLÆRING
EE EÜ CE SERTIFIKAAT
ES DECLARACIÓN DE CONFORMIDAD
FI EY:N VAATIMUSTENMUKAISUUSVAKUUTUS
FR DÉCLARATION CE DE CONFORMITÉ
GB EC DECLARATION OF CONFORMITY
GR ΔΗΛΩΣΗ ΠΙΣΤΟΤΗΤΑΣ EK
HR EC DEKLARACIJA O SUKLADNOSTI
HU EK MEGFELELŐSÉGI NYILATKOZAT
IT DICHIARAZIONE DI CONFORMITÀ CE
LT EB ATITIKTIES DEKLARACIJA
LV EK ATBILSTĪBAS DEKLARĀCIJA
NL EG-CONFORMITEITSVERKLARING
NO EUROPAKOMMISJONENS SAMSVARSERKLÆRING
PL DEKLARACJA ZGODNOŚCI WE
PT DECLARAÇÃO CE DE CONFORMIDADE
RO DECLARAȚIA DE CONFORMITATE UE
RU ДЕКЛАРАЦИЯ СООТВЕТСТВИЯ ЕС
SE EU's STANDARDDEKLARATION
SI ES IZJAVA O SKLADNOSTI
SK ES VYHLÁSENIE O SÚLADE
TR UYGUNLUK BEYANATI
UA ДЕКЛАРАЦІЯ ВІДПОВІДНОСТІ ЕС
YU EC DEKLARACJA O USKLAĐENOSTI

GB

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AL deklarimë që: **BG** декларираме, че устройствата: **CZ** prohlašujeme, že zařízení: **DE** wir erklären, dass die Geräte: **DK** vi erklærer hermed, at udstyr: **EE** kinnitame, et seadmed: **ES** declaramos que los dispositivos: **FI** todistamme, että seuraavat laitteet: **FR** nous déclarons que les appareils: **GB** declared that appliances: **GR** δηλώνουμε ότι ηλεκτρικοί θερμαντήρες αέρα : **HR** deklariramo da uređaji: **HU** tanúsítjuk, hogy a berendezések: **IT** dichiariamo che i dispositivi: **LT** deklaruojame, kad prietaisai: **LV** deklarējam, ka ierīces: **NL** wij verklaren dat de toestellen: **NO** vi erklærer at innretninger: **PL** deklarujemy że urządzenia: **PT** declaramos que: **RO** declarăm că dispozitivul este conform cu: **RU** заявляем, что оборудование: **SE** vi försäkrar att apparater: **SI** izjavljamo, da je oprema: **SK** prehlásenie, že zariadenie: **TR** hava ısıtıcılarının direktifler ve normlara : **UA** заявляємо, що обла днання: **YU** izjavljujemo da:

B 3 EPB W 110

AL përshtatën direktivët **BG** Отговарят на директивите **CZ** Jsou v souladu s nařízením **DE** erfüllen die Richtlinien **DK** er i overensstemmelse med direktiver **EE** vastavad direktiividele **ES** cumplen con las directivas **FI** täyttäämukaisia direktiivejä **FR** sont conformes aux directives **GB** conform to directives **GR** ανταποκρίνονται προς οδηγίες **HR** zadovoljavaju direktive **HU** megfelel az irányelveknek **IT** sono conformi alle direttive **LT** atitinka direktyvas **LV** atbilst direktīvām **NL** voldoen aan directieven **NO** følger direktiver **PL** spełniają dyrektywy **PT** cumprem as directivas **RO** îndeplinește directivele **RU** соответствуют требованиям директив **SE** efterföljer uppsatta direktiv **SI** so skladni z direktivami **SK** sú v súlade so smernicami **TR** uygun olduğunu **UA** відповідають вимогам директив **YU** zadovoljavaju direktive

2006/95/EC, 2004/108/EC

AL dhe normë **BG** И норми **CZ** A normami **DE** und Normen **DK** og standarder **EE** ja normidele **ES** y las normativas **FI** ja normit **FR** et aux normes **GB** and norms **GR** και πρότυπα **HR** i standarde **HU** és szabványoknak **IT** e norme **LT** ir normas **LV** un normām **NL** en normen **NO** og normer **PL** i normy **PT** e normas **RO** și normele cerute **RU** и норм **SE** och normer **SI** in normami **SK** a normami **TR** beyan ederiz **UA** і норм **YU** i standarde

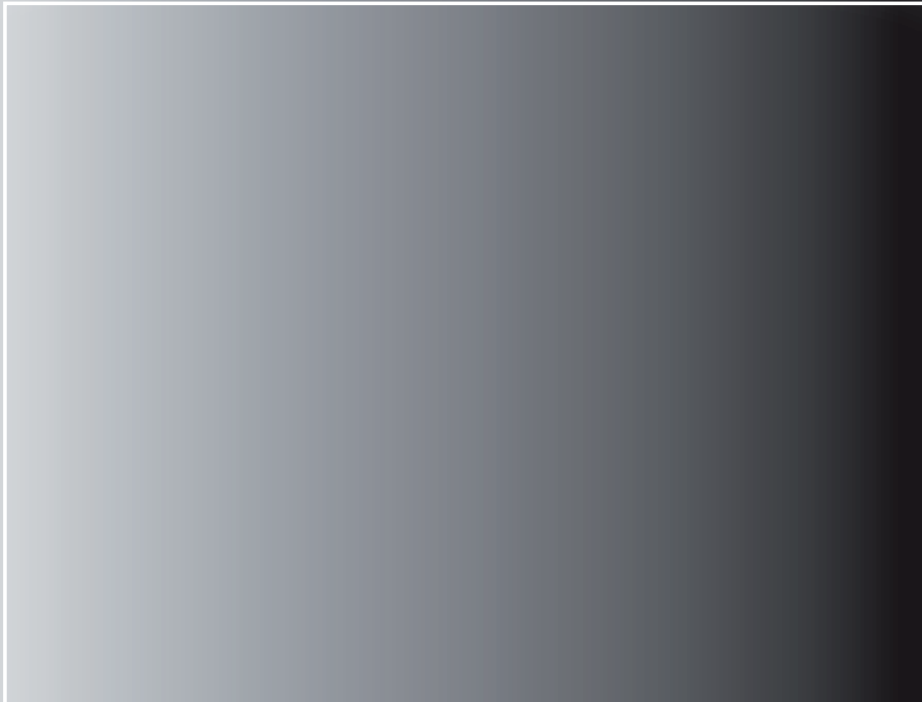
EN 60335-1, EN 60335-2-30

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