

75
anniversary
1947-2022

2022 VENTILATION
ELECTRIC WATER HEATERS

cataC
green innovation

KITCHEN EXTRACTION	p10-11
VENTILATION	p13-34
ELECTRIC WATER HEATERS	p35-47
TECHNICAL INFORMATION, ACCESSORIES & PERFORMANCE CURVES	p48-60



1947-2022

KITCHEN EXTRACTION



PROFESSIONAL 750/750L p. 10



PROFESSIONAL 500 p. 10



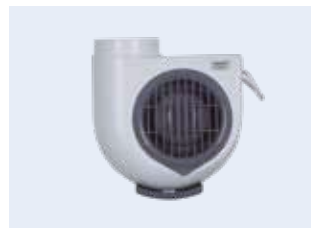
600 PLUS 2V p. 10



GS 600 p. 11



GS 400M p. 11



GS 400P p. 11

VENTILATION



E-100 GTH p. 18-19



E-100 GSTH p. 18-19



E-100 GTH BK p. 18-19



E-120 GTH p. 18-19



E-150 GTH p. 18-19



E-100 GT p. 18-19



E-100 GST p. 18-19



E-100 GT BK p. 18-19



E-120 GT p. 18-19



E-100 GLT p. 18-19



E-100 G p. 18-19



E-100 GS p. 18-19



E-100 G BK p. 18-19



E-120 G p. 18-19



E-150 G p. 18-19



E-100 PIR p. 18-19



UC-10 HYGRO WHITE
p. 20-21



UC-10 HYGRO SILVER
p. 20-21



UC-10 HYGRO BLACK
p. 20-21



UC-10 TIMER p. 20-21



UC-10 TIMER SILVER
p. 20-21



UC-10 TIMER BLACK
p. 20-21



UC-10 STD p. 20-21



UC-10 STD SILVER
p. 20-21



UC-10 STD BLACK
p. 20-21



X-MART 10 MATIC T
p. 22



X-MART 10 MATIC
p. 22



X-MART 10 MATIC INOX
p. 22



X-MART 10 MATIC T
INOX p. 22



X-MART 12 MATIC T
p. 22



X-MART 12 MATIC
p. 22



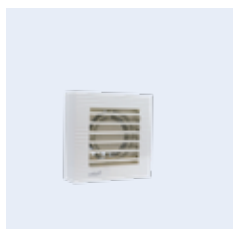
X-MART 12 MATIC T
INOX p. 22



X-MART 15 MATIC
p. 22



X-MART 15 MATIC INOX
p. 22



B-10 MATIC-TIMER
p. 23



B-10 MATIC p. 23



B-15 MATIC p. 23



X-MART 10 INOX H
p. 24-25



X-MART 12 INOX H
p. 24-25



X-MART 15 INOX H
p. 24-25



X-MART 10 T p. 24-25



X-MART 12 T p. 24-25



X-MART 15 T p. 24-25



X-MART 10 INOX T
p. 24-25



X-MART 12 INOX T
p. 24-25



X-MART 15 INOX T
p. 24-25



X-MART 10 STANDARD
p. 24-25



X-MART 12 STANDARD
p. 24-25



X-MART 15 STANDARD
p. 24-25



X-MART 10 INOX STANDARD
p. 24-25



X-MART 12 INOX STANDARD
p. 24-25



X-MART 15 INOX STANDARD
p. 24-25



SILENTIS LN 10 T p. 26



SILENTIS LN 10 p. 26



SILENTIS LN 10 INOX
p. 26



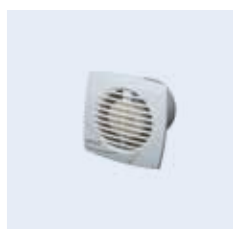
SILENTIS 12 p. 26



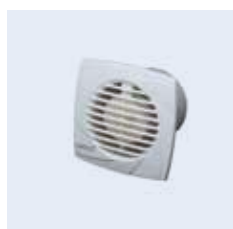
SILENTIS 12 INOX p. 26



SILENTIS 15 p. 26



B-8 PLUS p. 27



B-10 PLUS TIMER p. 27



B-10 PLUS p. 27



B-12 PLUS TIMER p. 27



B-12 PLUS p. 27



B-15 PLUS p. 27



B-10 TIMER p. 28



B-10 p. 28



B-12 p. 28



B-15 p. 28



CB-100 PLUS p. 29



CB-250 PLUS p. 29



DUCT IN LINE 100/130
p. 30-31



DUCT IN-LINE 100/270
p. 30-31



DUCT IN-LINE 125/320
p. 30-31



DUCT IN-LINE 150/560
p. 30-31



DUCT IN-LINE 160/560
p. 30-31



DUCT IN-LINE 200/910
p. 30-31



MT-100 p. 32



MT-125 p. 32



MT-150 p. 32



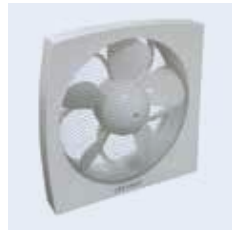
LHV 160 p. 33



LHV 190 p. 33



LHV 225 p. 33



LHV 300 p. 33



B-23 p. 34



B-30 p. 34

ELECTRIC WATER HEATERS



CTRS-100-REV SLIM p. 42



CTRS-80-REV SLIM p. 42



CTRS-50-REV SLIM p. 43



CTRH-80-REV p. 44



CTRH-50-REV p. 44



CTR-100-M p. 45



CTR-80-M p. 45



CTR-50-M p. 46



CTR-30-M p. 46



CTRC-30-M p. 47



CTRC-15-M p. 47



KITCHEN EXTRACTION





PROFESSIONAL-750

Cod. **00117000**
EAN **8422248100816**

PROFESSIONAL-750 L

Cod. **00117100**
EAN **8422248100823**

- High air flow capacity
- Extraction power (according to UNE/EN 61591): **600m³/h**
- **Sound power (Reg.(EU) n°65/2014): 49dB(A)**
- Maximum energy consumption:
 - **105W** (Professional 750 Model)
 - **119W** (Professional 750L Model)
- LED E-14 lighting (PROFESSIONAL 750L model)
- Easy-to-install system
- **Metal grease filter with plate to collect grease washable in dishwasher**
- Metal housing and plastic impeller.
- 120mm outlet diameter
- Energy Class: D
- **110-127V 60Hz on request.**



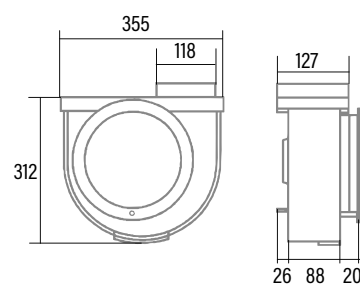
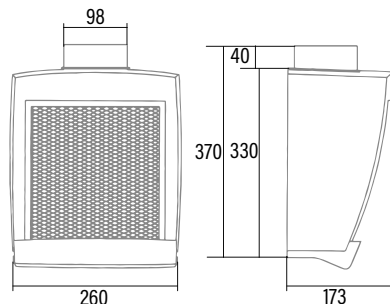
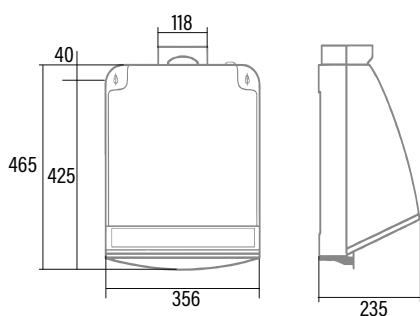
PROFESSIONAL500

Cod. **00117400**
EAN **8422248010832**

- High air flow capacity
- Extraction power (according to UNE/EN 61591): **450m³/h**
- **Sound power (Reg.(EU) n°65/2014): 57dB(A)**
- Maximum energy consumption: **125W**
- Easy-to-install system
- **Metal grease filter with plate to collect grease washable in dishwasher**
- Plastic housing and impeller
- 100 mm outlet diameter
- Energy Class: D

▶ **Accessories (not included)**

Active charcoal filterCod. 01140800 / EAN 8422248072731.....



GS-600 PLUS 2 VEL

Cod. **00116110**
EAN **8422248006316**

- High air flow capacity
- 2 extraction levels
- Extraction power (according to UNE/EN 61591): **420/600m³/h**
- **Sound power (Reg.(EU) n°65/2014): 52dB(A)**
- Maximum energy consumption: **105W**
- Easy-to-install system
- Metal housing and plastic impeller.
- **2 speeds switch that can be wall mounted**
- 120 mm outlet diameter
- Energy Class: C

KITCHEN EXTRACTION



GS-600
Cod. **00116002**
EAN **8422248100601**

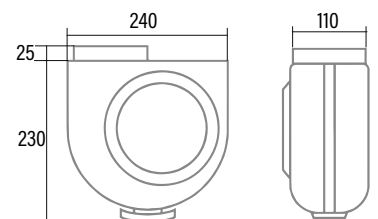
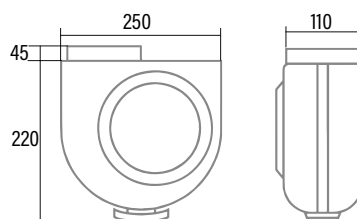
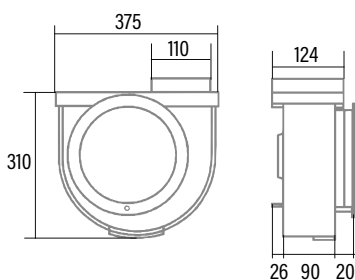
GS-400 M
Cod. **00114102**
EAN **8422248100403**

GS-400 P
Cod. **00111002**
EAN **8422248100830**

- High air flow capacity
- Extraction power (according to UNE/EN 61591): **480m³/h**
- **Sound power (Reg.(EU) n°65/2014):50dB(A)**
- Maximum energy consumption: **105W**
- Easy-to-install system
- Metal housing and plastic impeller.
- 110 mm outlet diameter
- Energy Class: C

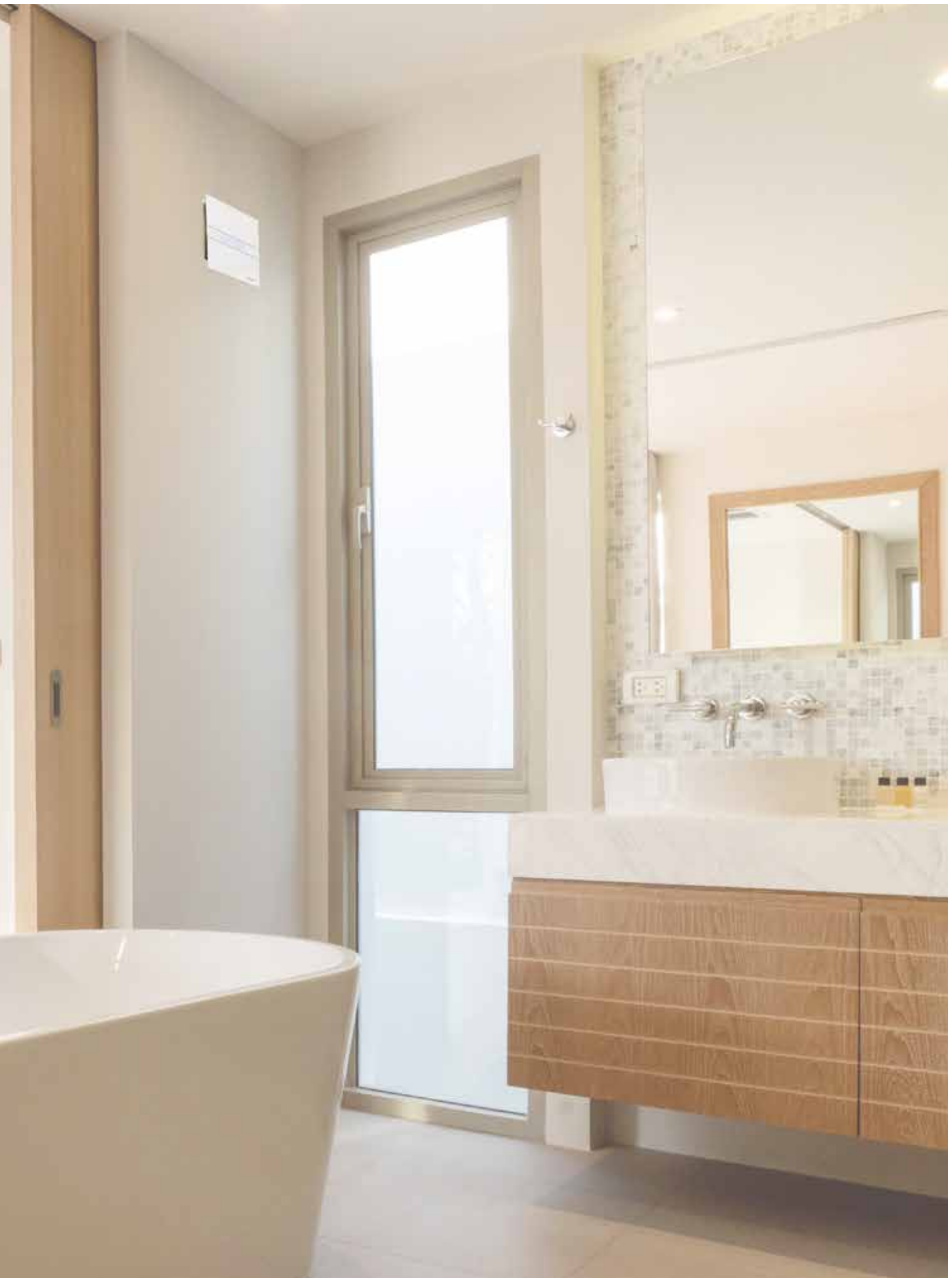
- High air flow capacity
- Extraction power (according to UNE/EN 61591): **290m³/h**
- **Sound power (Reg.(EU) n°65/2014): 52dB(A)**
- Maximum energy consumption: **60W**
- Easy-to-install system
- Metal housing and standard protection guard
- 110 mm outlet diameter
- Energy Class: B

- High air flow capacity
- Extraction power (according to UNE/EN 61591): **290m³/h**
- **Sound power (Reg.(EU) n°65/2014): 52dB(A)**
- Maximum energy consumption: **60W**
- Easy-to-install system
- Termal plastic housing and standard protection guard
- 110 mm outlet diameter
- Energy Class: B





VENTILATION



COMPREHENSIVE VENTILATION SOLUTIONS

WHAT WE OFFER

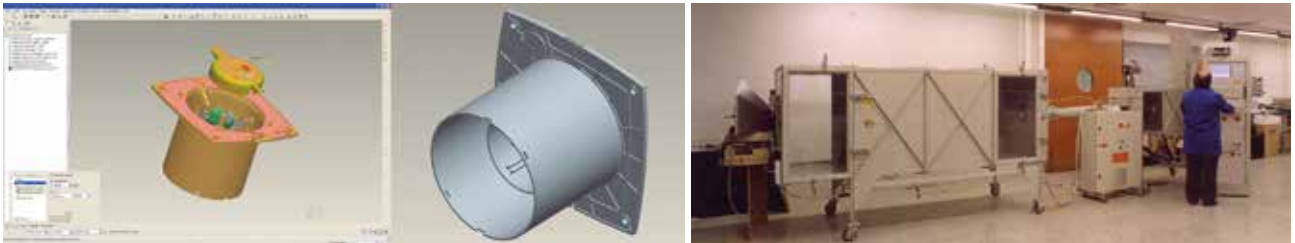
Integral ventilation solutions. Reliability, Quality, Innovation and Design. Proven experience in ventilation. International industrial capacity. Global service. And most importantly to our customers: **BENEFITS AND ADVANTAGES**

COMPREHENSIVE VENTILATION SOLUTIONS:

CATA provides subscribers, wholesalers and professionals from the sector an extensive product range, which will allow them to choose the most suitable model for every ventilation case or need, at both domestic and industrial level, and now also **models and ranges to comply with the Technical Building Code (CTE), in accordance with Royal Decree 314/2006, dated 17th March 2006.**

RELIABILITY, QUALITY, INNOVATION AND DESIGN

These concepts are basic and mandatory for **CATA** and are the main basis for all our products. For this reason, a qualified team of engineers assisted by the most modern design systems work to ensure the highest levels of quality and innovation to offer highly reliable ventilation products manufactured according to the **ISO 9001/2000 standard Management System.**



PROVEN EXPERIENCE IN VENTILATION

A pioneer in the manufacturing of fans, **CATA** has over 60 years' experience in ventilation, strengthening its position as a world leader thanks to the export of proprietary technology and differentiated products.

INTERNATIONAL INDUSTRIAL CAPACITY

CATA has a very important industrial asset, with several production centres around the world equipped with the most modern technology and machinery to be able to offer efficient and competitive distribution of our products and components.



GLOBAL SERVICE

CATA has a multicultural team with a high level of training and a clear customer care and service orientation. In addition, to offer a better service, we have logistics and distribution centres and subsidiaries around the world.

AND MOST IMPORTANTLY TO OUR CUSTOMERS: BENEFITS AND ADVANTAGES

These are the main aims that the **CATA Ventilation Division** wishes to offer the distributors, customers and professionals in the sector. For this reason, we work and renew our efforts daily to ensure that these objectives are possible.

BASIC VENTILATION CONCEPTS

WHAT IS VENTILATION?

Ventilation is understood to be the replacement of a portion of air which is considered undesirable (polluted), by another that provides an improvement both in terms of purity, and of temperature, humidity, etc.

FUNCTIONS

To maintain the air in an enclosure under suitable conditions of temperature, humidity, pressure, speed and degree of pollution to ensure the health and wellbeing of people, or living beings.

FLOW RATE

This is the amount of air displaced in a given unit of time. (The flow given in the technical specifications is at free discharge, in other words, with no pressure loss). Flow is shown as Q and is usually expressed in m³/h, although it is also commonly expressed in m³/min, m³/sec, l/s, C.F.M

$$1\text{m}^3/\text{h} = 3,6 \text{ l/s} \quad 1,7 \text{ m}^3/\text{h} = 1 \text{ C.F.M}$$

The **FLOW RATE** and the section are related as follows:

$$Q = V * S = \text{m}^3/\text{h}$$

$$V = \text{Air speed (m/sec)}$$

$$S = \text{Section (m}^2\text{) of the duct}$$

$$S = \frac{d^2 * \Pi}{4}$$

WHAT IS PRESSURE?

It is the pushing force per surface unit that air needs to circulate and overcome the resistance of the system (pressure losses).

Pressure is given in: mmH₂O and Pa

$$9,8 \text{ Pa} = 1 \text{ mmH}_2\text{O}$$

THERE ARE THREE TYPES OF PRESSURE:

Static Pressure (Pe): This is the force of the air in all directions on the walls of the tube, in a perpendicular direction to them.

Dynamic Pressure (Pd): Is the force that accelerates the air from zero to the velocity of the system. It is manifested only in the direction of the air.

There is a formula that links dynamic pressure and speed:

$$Pd = (V / 4,04)_2$$

Speed Table with its Dynamic Pressure (table 3)

Speed (m/s)	Dynamic Pressure mmH ₂ O
1	0.06
2	0.24
3	0.55
4	0.98
5	1.53
6	2.20
7	3.00
8	3.92
9	4.96
10	6.12
11	7.41
12	8.82
13	10.35
14	12.00
15	13.78
16	15.68
17	17.70
18	19.85
19	22.11
20	24.50
21	27.01
22	29.65

Total Pressure: This is the sum between the static pressure and the dynamic pressure $P_t = P_e + P_d$

WHAT IS NOISE?

It is the audible sound, that is propagated through the air and which is unpleasant to the receiver.

The **Sound Pressure (Lp)** level is what we really hear and it varies according to the premises and the distance between the source of the noise (extractor or fan) and the receiver.

The **Sound Power (Lw)** level is the amount of sound energy of a sound source (extractor or fan) every second and it is constant, in other words, it does not vary according to the premises or the distance from the sound source.

BASIC VENTILATION CONCEPTS

Noise	dB	Examples
DEAFENING	120	Thunder
	110	Cannon fire Steam whistle
VERY STRONG	100	Train in a tunnel
	90	Street with dense traffic
	80	Noisy factory
STRONG	70	Noisy office
	60	Medium-sized workshop Radio with the volume up high
MODERATE	60	Large shop
	50	Office
GENTLE	40	Public library
	30	Country road Scrunching up paper Quiet conversation
	20	Peaceful church
VERY GENTLE	10	Silent night
	0	Hearing limit

HOW TO CHOOSE A FAN

You need to know the following parameters:

- Output
- Pressure
- Sound level
- Type of Electricity Supply

Output (Q m³/h): You have to determine the necessary flow according to:

1- The recommended renewals with regard to the volume of the premises in m³ and the activity there.

$$Q = m^3 * \text{Renov/h}$$

RENEW./HOUR TABLE

Result of Health and Safety studies/Experience

INDUSTRIAL PREMISES

Noxious atmospheres	30-60
Goods deposit	3-6
Cast-iron	20-30
Industrial laundry	15-30
Machine room	20-30
Workshop (general)	8-10
Workshop with kilns	30-60
Tooling workshop	5-10
Paint workshop	30-60
Welding workshop	15-30
Dry cleaner	20-30

SERVICES SECTOR AND PREMISES

	NR/h
Classroom	2-4
Bank	3-4
Bar-café	10-12
Library	3-5
Cinema-theatre	10-15
Industrial kitchen	15-30
Canteen	5-10
Recording studio	10-12
Garage	6-8
Gym	6-12
Entrance hall	3-5
Hospitals	4-6
Public lavatories	8-15
Laundry	15-30
Offices	4-8
Baker's	20-30
Restaurant	5-10
Dance hall	6-8
Conference room	8-12
Hairdressing salon	10-15
Meeting room	4-8

2- The recommended renewals with regard to the number of people that there are in the premises.

$$Q = n^{\circ} \text{ person} * m^3/h$$

Normal activity with no smoking	29 m ³ /h per person
Normal activity with smoking	58 m ³ /h per person
Light physical activity	45 m ³ /h per person
Industrial warehouses and premises	60 m ³ /h per person

BASIC VENTILATION CONCEPTS

3• When localised extraction is required in the place where the contaminating source is, the flow (Q) will be determined taking the following into account:

- Surface area of the hood
- Speed of catchment
- Speed of transport by the recommended renewals system with regard to the number of people that there are in the premises.

$$Q = 3.600 \cdot V \cdot S = \text{m}^3/\text{h}$$

Q = Necessary air flow (**m³/h**)

V = Speed of catchment (**m/h**)

S = Hood or ducting section (**m²**)

LOCALISED EXTRACTION GUIDE COOKER HOODS			
Hood Class	Speed Catchment in m/sec On hood surface	Calculation per m ² of surface area of the hood	Speed of transport m/sec
4 sides open	from 1 to 1,2 m/sec.	3.500 to 4.500 m ³ /h	from 6 to 10 m/sec.
3 sides open	from 0,85 to 1 m/sec.	3.000 to 3.500 m ³ /h	
2 sides open	from 0,75 to 0,85 m/sec.	2.700 to 3.000 m ³ /h	
1 side open	from 0,5 to 0,75 m/sec.	1.750 to 2.700 m ³ /h	

E GLASS Series

Energy-efficient. Low-noise.

- Perimeter extraction system.
- Glass cover.
- Available models with ambient light and infra-red sensor activated by presence (ø100).
- High-performance plastic housing and impeller.
- Temperature and humidity display (available on humidistat model).
- Backdraught shutter (accessory).
- Fitted with 220-240 50/60Hz motors, IP-44 protection and insulation class B as standard.
- Minimum sound level of 17dB (according to the model)
- 2-speed function (humidistat version only), to be selected prior to installation between continuous or NON continuous working.
 - 1st speed: slow speed for continuous extraction.
 - 2nd speed: activates when light is switched on, by activating the humidistat or the timer.



AMBIENT LIGHT



VERY SILENT



HIGHT ENERGY EFFICIENCY



LED 2x2W
ADJUSTABLE INTENSITY



LIGHTED DISPLAY



FRONT GLASS



E-100 GLASS LIGHT



PIR: INFRA RED SENSOR
ACTIVATED BY PRESENCE



E-100 GLASS PIR - Infra red sensor, activated by presence

REMOVABLE GLASS FRONT



EASILY REMOVABLE

Easy and speedy removal of the cover using a single tool (included in the packaging) which is also used to adjust the timer, the humidistat and the light intensity (according to model).

EASY TO CLEAN

Extra-flat glass cover that is easy to clean

AXIAL BATHROOM FANS

E-100 G
E-120 G
E-150 G
E-100 GT
E-120 GT
E-150 GT



E-100 GS
E-100 GST

E-100 GSTH

E-100 PIR

E-100 GTH
E-120 GTH
E-150 GTH



E-100 GLT

E-100 G BK
E-100 GT BK

E-100 GTH BK

CODE	MODEL	COLOR	EAN CODE	VERSION	Ø (mm)	Voltage (V)	SPEED (r.p.m)	Input Power (W)	Maximum Airflow (m³/h)	Sound Pressure Level dB(A)	Weight (Kg)	Units per box	110-127V 60Hz on request
HYGRO SERIES													
00900200	E-100 GTH	□	8422248049634	●●	100	230	1ª vel 1100 2ª vel 2600	4 8	36 115	17 31	0,98	6	-
00901200	E-120 GTH	□	8422248056823	●●	120	230	1ª vel 900 2ª vel 2400	6 11	140 210	19 33	1,17	6	-
00902200	E-150 GTH	□	8422248056854	●●	150	230	1ª vel 900 2ª vel 2400	10 19	225 350	23 35	1,45	6	-
00900600	E-100 GSTH	■	8422248056076	●●	100	230	1ª vel 1100 2ª vel 2600	4 8	36 115	17 31	0,98	6	-
00900602	E-100 GTH BK	■	8422248071895	●●	100	230	1ª vel 1100 2ª vel 2600	4 8	36 115	17 31	0,98	6	-
TIMER SERIES													
00900100	E-100 GT	□	8422248049627	●	100	230	2600	8	115	31	0,95	6	-
00901100	E-120 GT	□	8422248056816	●	120	230	2400	15	210	33	1,10	6	-
00902100	E-150 GT	□	8422248056847	●	150	230	2200	21	350	35	1,38	6	-
00900500	E-100 GST	■	8422248056069	●	100	230	2600	8	115	31	0,95	6	-
00900502	E-100 GT BK	■	8422248071888	●	100	230	2600	8	115	31	0,95	6	-
00900001	E-100 GLT	□	8422248056786	●	100	230	2600	8+4	115	31	1,15	6	-
STANDARD SERIES													
00900000	E-100 G	□	8422248049610	●	100	230	2600	8	115	31	0,94	6	✓
00900400	E-100 GS	■	8422248056052	●	100	230	2600	8	115	31	0,94	6	✓
00900402	E-100 G BK	■	8422248071871	●	100	230	2600	8	115	31	0,94	6	✓
00901000	E-120 G	□	8422248056809	●	120	230	2400	15	210	33	1,10	6	-
00902000	E-150 G	□	8422248056830	●	150	230	2200	21	350	35	1,38	6	-
PIR SERIES													
00900300	E-100 SENSOR	□	8422248065184	●	100	230	2600	8	115	31	1,15	6	-



STANDARD In combination with light, fans switches on.



TIMER Electronic timer adjustable from 3 to 15 minutes.

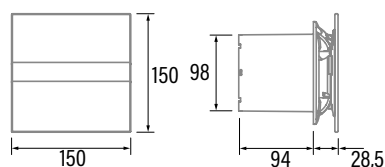


HYGRO Adjustable humidity detector from 40% to 95%, and adjustable electronic timer from 0 to 15 minutes.

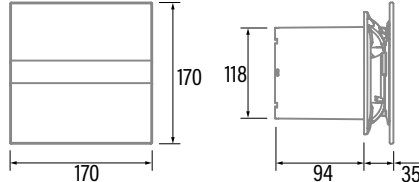


PIR Infra red sensor activated by presence and adjustable electronic timer from 40 seconds to 15 minutes.

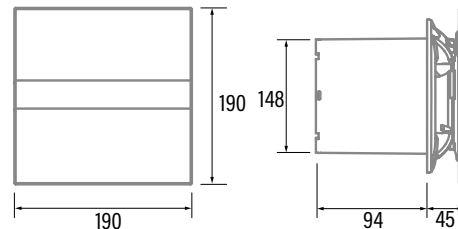
E-100



E-120



E-150



U-COMFORT SERIES

The first bathroom fan adaptable to all your needs.

The series of CATA fans are easy-to-install devices to aerate and ventilate the bathroom, as well as to reduce humidity and bad odors.

This series allows to select between 6 different speeds, adjusting in this way the sound level emission.



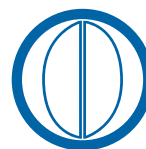
EXTRA FLAT DESIGN



VERY SILENT



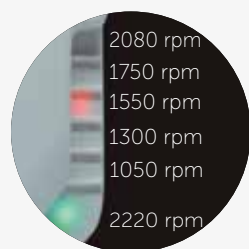
HIGHT ENERGY EFFICIENCY



BACKDRAUGHT SHUTTER INCLUDED

ADJUSTABLE SPEED

Adjustable speed to adapt to all your extraction and sound needs, allowing you to achieve maximum comfort and efficiency in each case.



SIMPLE AND COMPACT INSTALLATION WITH EXTRA FLAT DESIGN

BACKDRAUGHT SHUTTER

It prevents the entry of cold air when the fan is not running and will prevent the entry of bad odors.



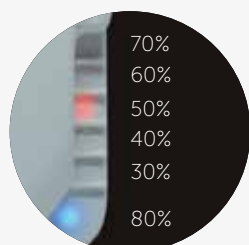
MAXIMUM PERFORMANCE, WITH MINIMUM CONSUMPTION

HYGRO VERSION



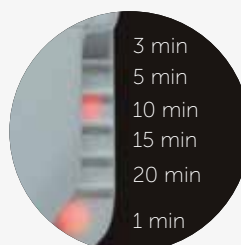
HYGRO

Maintain an adequate level of Humidity in your bathroom, selecting the maximum humidity you want between 30 and 80% relative humidity.



TIMER

Select the time you need to keep your extractor running after using the bathroom, for its complete air renewal.



Serie U-COMFORT

Energy-efficient. Low-noise.

- Simple and compact installation with Recessed Slim Design.
- **High Performance plastic Housing design and Helico-Centrifugal Impeller.**
- Very Low Noise Level
- Fitted with Low Consumption Motor class B and thermal cut out, ambient temperature max. 40°C
- Rated Voltage 220-240V 50/60Hz.
- Timer and Timer-Hygro models available
- Lots of possibilities to personalize the fan using Accessories to complete the High COMFORT Experience.
- Different Frontal cover designs
- Upgrades through Electronics Systems
- IP-44 and Double Insulation
- Basic Back draught Shutter (included)



HYGRO



STANDARD / TIMER

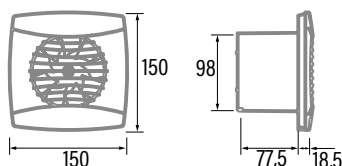
CODE	MODEL	COLOR	EAN CODE	VERSION	Ø (mm)	Voltage (V)	SPEED (r.p.m)	Input Power (W)	Maximum Airflow (m³/h)	Sound Pressure Level dB(A)	Weight (Kg)	Units per box	110-127V 60Hz on request
HYGRO SERIES													
01200200	UC-10 HYGRO	□	8422248079860	●●●	100	230	2200	8	110	26	0,65	10	✓
01201200	UC-10 HYGRO SILVER	■	8422248082594	●●●	100	230	2200	8	110	26	0,65	10	✓
01202200	UC-10 HYGRO BLACK	■	8422248082624	●●●	100	230	2200	8	110	26	0,65	10	✓
TIMER SERIES													
01200100	UC-10 TIMER	□	8422248079853	●	100	230	2200	8	110	26	0,65	10	✓
01201000	UC-10 TIMER SILVER	■	8422248082587	●	100	230	2200	8	110	26	0,65	10	✓
01202100	UC-10 TIMER BLACK	■	8422248082617	●	100	230	2200	8	110	26	0,65	10	✓
STANDARD SERIES													
01200000	UC-10 STD	□	8422248079846	●	100	230	2200	8	110	26	0,65	10	✓
01255000	UC-10 STD SILVER	■	8422248082570	●	100	230	2200	8	110	26	0,65	10	✓
01256000	UC-10 STD BLACK	■	8422248082600	●	100	230	2200	8	110	26	0,65	10	✓

STANDARD In combination with light, fans switches on.

TIMER Electronic timer adjustable from 3 to 15 minutes.

HYGRO Adjustable humidity detector from 40% to 95%, and adjustable electronic timer from 0 to 15 minutes.

SPEED REGULATION Speed adjustable from 1000 to 2200 RPM.



AXIAL BATHROOM FANS

X-MART MATIC

Perimetral bathroom fans, with unique automatic shutter system.

- Automatic shutter system.
- Recessed and design of a new generation.
- **QUICK FIX GRIP**, exclusive mounting system
- **Front cover easy to dismantle without using any tools**, easy cleaning.
- Plastic housing, impeller and led.
- 220-240V 50/60Hz motors, insulation class B and thermal cut out, ambient temperature max. 40°C.
- Pilot light operation
- Finishes: White / Stainless Steel.



QUICK
FIX GRIP



AUTOMATIC
SHUTTER
SYSTEM



EASY-TO-CLEAN
REMOVABLE
COVER



CODE	MODEL	COLOUR	EAN CODE	VERSION	Ø (mm)	Voltage (V)	Speed (r.p.m)	Input Power (W)	Maximum AirFlow (m³/h)	Sound Pressure Level dB(A)	Weight (Kg)	Units per box	110-127V 60Hz on request
TIMER SERIES													
01016000	X-MART 10 MATIC T	□	8422248003551	●	100	230	2500	15	98	38	0,65	10	-
01026000	X-MART 12 MATIC T	□	8422248003582	●	120	230	2450	20	190	40	0,82	5	-
01046000	X-MART 10 MATIC T	■	8422248003735	●	100	230	2500	15	98	38	0,78	10	-
01056000	X-MART 12 MATIC T	■	8422248003766	●	120	230	2450	20	190	40	0,98	5	-
STANDARD SERIES													
01015000	X-MART 10 MATIC	□	8422248003544	●	100	230	2500	15	98	38	0,65	10	√
01025000	X-MART 12 MATIC	□	8422248003575	●	120	230	2450	20	190	40	0,82	5	-
01035000	X-MART 15 MATIC	□	8422248003605	●	150	230	2100	25	320	42	0,97	5	-
01045000	X-MART 10 MATIC	■	8422248003728	●	100	230	2500	15	98	38	0,78	10	√
01055000	X-MART 12 MATIC	■	8422248003759	●	120	230	2450	20	190	40	0,82	5	-
01065000	X-MART 15 MATIC	■	8422248003780	●	150	230	2100	25	320	42	1,14	5	-

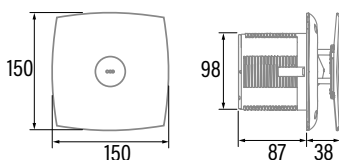


STANDARD In combination with light, fans switches on.

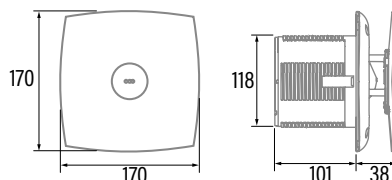


TIMER Electronic timer adjustable from 3 to 15 minutes.

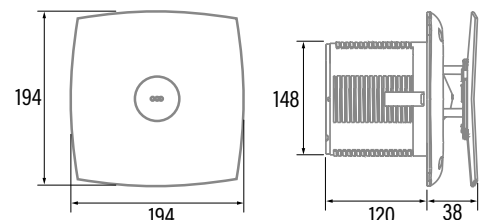
X-MART MATIC 10



X-MART MATIC 12



X-MART MATIC 15



B MATIC

Axial fans for bathrooms, with short tube, to be installed in ceiling, wall or window.



AUTOMATIC SHUTTER



SHORT TUBE

- With automatic shutter.
- White finish.
- Plastic housing and impeller.
- 220-240V 50/60Hz motors, insulation class B and thermal cut out, ambient temperature max. 40°C.



CODE	MODEL	COLOUR	EAN CODE	VERSION	Ø (mm)	Voltage (V)	Speed (r.p.m)	Input Power (W)	Maximum AirFlow (m ³ /h)	Sound Pressure Level dB(A)	Weight (Kg)	Units per box	110-127V 60Hz on request
TIMER SERIES													
00916000	B-10 MATIC T	□	8422248110303	●	100	230	2500	15	98	41	0,70	5	-
00926000	B-12 MATIC T	□	8422248110808	●	120	230	2450	20	190	43	0,90	5	-
STANDARD SERIES													
00915000	B-10 MATIC	□	8422248110204	●	100	230	2500	15	98	41	0,70	5	√
00925000	B-12 MATIC	□	8422248110709	●	120	230	2450	20	190	43	0,90	5	√
00935000	B-15 MATIC	□	8422248111102	●	150	230	2100	28	320	43	1,20	5	√

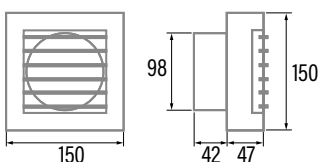


STANDARD In combination with light, fans switches on.

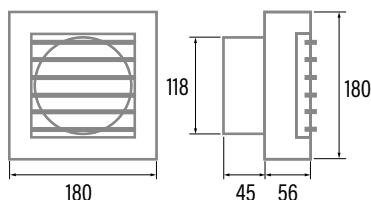


TIMER Electronic timer adjustable from 3 to 15 minutes.

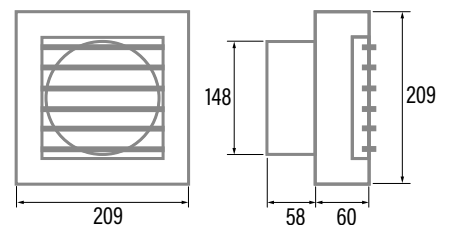
B MATIC 10/B MATIC T



B MATIC 12



B MATIC 15



AXIAL BATHROOM FANS

X-MART

Perimetral bathroom fans.

- Aerodynamic and cutting-edge design.
- **QUICK FIX GRIP**, exclusive mounting system.
- **Backdraught shutters incorporated.**
- **Front cover easy to dismantle without using any tools, easy cleaning.**
- 220-240V 50/60Hz motors, insulation class B and thermal cut out, ambient temperature max. 40°C.
- Plastic housing, impeller and led.
- Pilot light operation
- Finishes: White / Stainless Steel.



QUICK
FIX GRIP



BACKDRAUGHT
SHUTTER
INCLUDED



EASY-TO-CLEAN
REMOVABLE
COVER



STANDARD In combination with light, fans switches on.

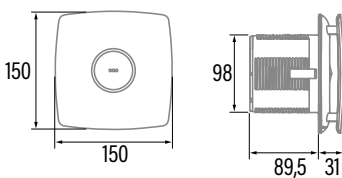


TIMER Electronic timer adjustable from 3 to 15 minutes.

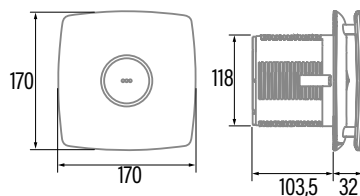


HYGRO Adjustable humidity detector from 40% to 95%, and adjustable electronic timer from 3 to 15 minutes.

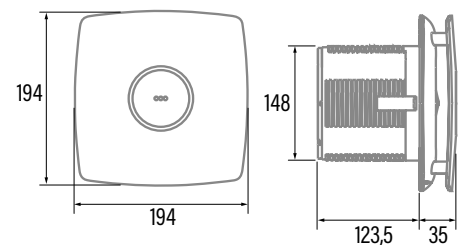
X-MART 10



X-MART 12



X-MART 15



AXIAL BATHROOM FANS



CODE	MODEL	COLOUR	EAN CODE	VERSION	Ø (mm)	Voltage (V)	Speed (r.p.m)	Input Power (W)	Maximum AirFlow (m ³ /h)	Sound Pressure Level dB(A)	Weight (Kg)	Units per box	110-127V 60Hz on request
HYGRO SERIES													
01044000	X-MART 10 H	■	8422248003650	●	100	230	2500	15	98	38	0,66	5	-
01054000	X-MART 12 H	■	8422248003681	●	120	230	2450	20	190	40	0,87	5	-
01064000	X-MART 15 H	■	8422248003711	●	150	230	2100	25	320	42	1,04	5	-
TIMER SERIES													
01011000	X-MART 10 T	□	8422248003414	●	100	230	2500	15	98	38	0,64	10	-
01021000	X-MART 12 T	□	8422248003438	●	120	230	2450	20	190	40	0,84	5	-
01031000	X-MART 15 T	□	8422248003452	●	150	230	2100	25	320	42	1,02	5	-
01041000	X-MART 10 T	■	8422248003643	●	100	230	2500	15	98	38	0,66	10	-
01051000	X-MART 12 T	■	8422248003674	●	120	230	2450	20	190	40	0,87	5	-
01061000	X-MART 15 T	■	8422248003704	●	150	230	2100	25	320	42	1,04	5	-
STANDARD SERIES													
01010000	X-MART 10	□	8422248003384	●	100	230	2500	15	98	38	0,64	10	√
01020000	X-MART 12	□	8422248003391	●	120	230	2450	20	190	40	0,84	5	√
01030000	X-MART 15	□	8422248003407	●	150	230	2100	25	320	42	1,02	5	√
01040000	X-MART 10	■	8422248003636	●	100	230	2500	15	98	38	0,66	10	√
01050000	X-MART 12	■	8422248003667	●	120	230	2450	20	190	40	0,87	5	√
01060000	X-MART 15	■	8422248003698	●	150	230	2100	25	320	42	1,04	5	√

SILENTIS

Completely built-in bathroom fans with perimetral and central extraction system, high-performance and low noise level.



VERY SILENT



BACKDRAUGHT SHUTTER INCLUDED



EASY-TO-CLEAN REMOVABLE COVER

- Cutting-edge design.
- Backdraught shutters incorporated.
- Front cover easy to dismantle and to clean.
- Plastic housing and impeller and led.
- 220-240V 50/60Hz motors, protection IP-X4 insulation class B and thermal cut out, ambient temperature max. 40°C.
- Finishes: White / Stainless Steel.



CODE	MODEL	COLOUR	EAN CODE	VERSION	Ø (mm)	Voltage (V)	Speed (r.p.m)	Input Power (W)	Maximum AirFlow (m³/h)	Sound Pressure Level dB(A)	Weight (Kg)	Units per box	110-127V 60Hz on request
SERIE TIMER													
01073000	SILENTIS LN 10 T	□	8422248070379	●	100	230	2300	12	90	30	0,64	10	-
01073300	SILENTIS LN 10 T	■	8422248070386	●	100	230	2300	12	90	30	0,64	10	-
01071000	SILENTIS 10 T	□	8422248016940	●	100	230	2500	15	98	37	0,64	10	-
01071300	SILENTIS 10 T	■	8422248016964	●	100	230	2500	15	98	37	0,64	10	-
01081000	SILENTIS 12 T	□	8422248016988	●	120	230	2450	20	190	39	0,85	5	-
01081300	SILENTIS 12 T	■	8422248017008	●	120	230	2450	20	190	39	0,85	5	-
01091000	SILENTIS 15 T	□	8422248017022	●	150	230	2100	25	320	41	1,02	5	-
STANDARD SERIES													
01072000	SILENTIS LN 10	□	8422248070355	●	100	230	2300	12	90	30	0,64	10	-
01072300	SILENTIS LN 10	■	8422248070362	●	100	230	2300	12	90	30	0,64	10	-
01070000	SILENTIS 10	□	8422248016643	●	100	230	2500	15	98	37	0,64	10	✓
01070300	SILENTIS 10	■	8422248016957	●	100	230	2500	15	98	37	0,64	10	✓
01080000	SILENTIS 12	□	8422248016971	●	120	230	2450	20	190	39	0,85	5	✓
01090000	SILENTIS 15	□	8422248017015	●	150	230	2100	25	320	41	1,02	5	-
01080300	SILENTIS 12	■	8422248016995	●	120	230	2450	20	190	39	0,85	5	✓

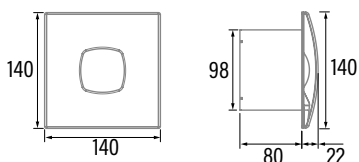


STANDARD In combination with light, fans switches on.

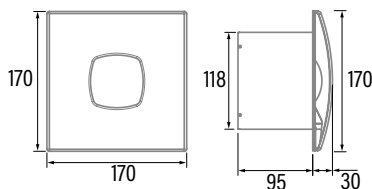


TIMER Electronic timer adjustable from 3 to 15 minutes.

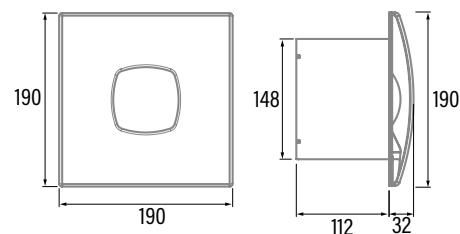
SILENTIS 10



SILENTIS 12



SILENTIS 15



B-PLUS

Axial fans for bathrooms, very slim, to be installed in ceiling or wall.



SLIM

- Very slim, recessed design.
- Plastic housing and impeller.
- 220-240V 50/60Hz motors, insulation class B and thermal cut out, ambient temperature max. 40°C.
- Pilot light in B15 PLUS models.



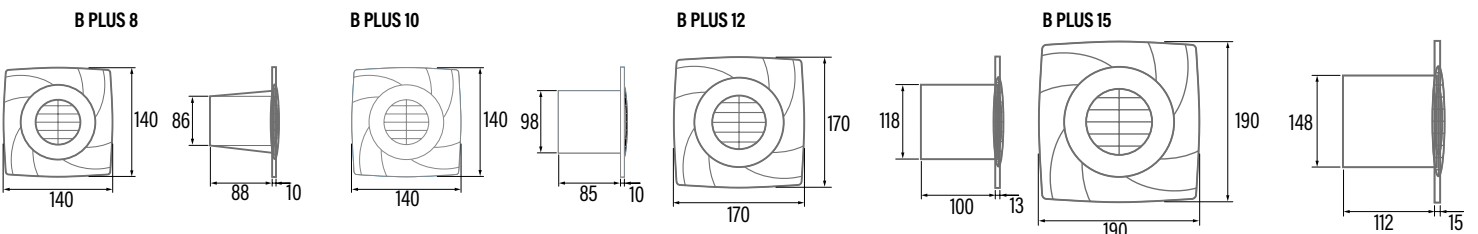
CODE	MODEL	COLOUR	EAN CODE	VERSION	Ø (mm)	Voltage (V)	Speed (r.p.m)	Input Power (W)	Maximum AirFlow (m³/h)	Sound Pressure Level dB(A)	Weight (Kg)	Units per box	110-127V 60Hz on request
TIMER SERIES													
00991001	B8 PLUS T	<input type="checkbox"/>	8422248113823	●	90	230	2500	15	70	39	0,57	10	-
00981101	B10 PLUS T	<input type="checkbox"/>	8422248049566	●	100	230	2500	15	98	41	0,6	10	-
00982100	B12 PLUS T	<input type="checkbox"/>	8422248113489	●	120	230	2450	20	190	43	0,8	5	-
00983100	B15 PLUS T	<input type="checkbox"/>	8422248114257	●	150	230	2100	28	320	43	0,9	5	-
STANDARD SERIES													
00990000	B8 PLUS	<input type="checkbox"/>	8422248113168	●	90	230	2500	15	70	39	0,57	10	-
00981001	B10 PLUS	<input type="checkbox"/>	8422248047906	●	100	230	2500	15	98	41	0,6	10	√
00982000	B12 PLUS	<input type="checkbox"/>	8422248113472	●	120	230	2450	20	190	43	0,8	5	√
00983000	B15 PLUS	<input type="checkbox"/>	8422248114226	●	150	230	2100	28	320	43	0,9	5	√



STANDARD In combination with light, fans switches on.



TIMER Electronic timer adjustable from 3 to 15 minutes.



B

Axial fans for bathrooms with short tube for wall, ceiling and glass (using Glass Kit accessory).



SHORT TUBE

- White finishing.
- Plastic housing and impeller.
- 220-240V 50/60Hz motor, insulation class B as thermal cut out, ambient temperature max. 40°C.



CODE	MODEL	COLOUR	EAN CODE	VERSION	Ø (mm)	Voltage (V)	Speed (r.p.m)	Input Power (W)	Maximum AirFlow (m ³ /h)	Sound Pressure Level dB(A)	Weight (Kg)	Units per box	110-127V 60Hz on request
TIMER SERIES													
00911000	B-10 T	<input type="checkbox"/>	8422248110105	●	100	230	2500	15	98	41	0,60	10	-
STANDARD SERIES													
00910000	B-10	<input type="checkbox"/>	8422248110006	●	100	230	2500	15	98	41	0,60	10	√
00920000	B-12	<input type="checkbox"/>	8422248110501	●	120	230	2450	20	190	43	0,85	5	√
00930000	B-15	<input type="checkbox"/>	8422248110907	●	150	230	2100	28	320	43	0,95	5	√

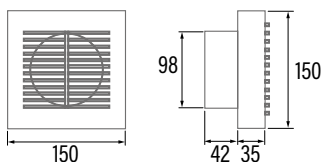


STANDARD In combination with light, fans switches on.

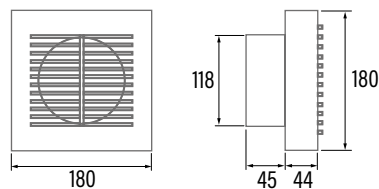


TIMER Electronic timer adjustable from 3 to 15 minutes.

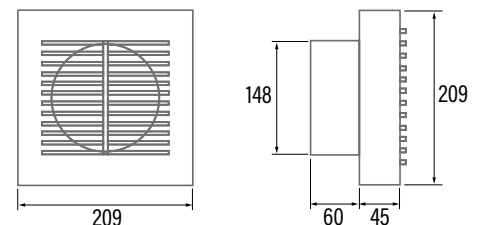
B 10/B 10T



B 12



B 15



CENTRIFUGAL BATHROOM FANS

CB-100 PLUS

CB-250 PLUS

High-performance centrifugal bathroom fans, slim version, to be installed in ceilings or walls.

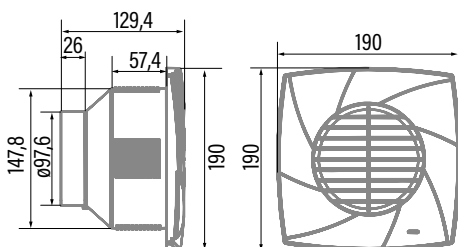
- **CB-100 PLUS** totally recessed.
- Finishing: white.
- **CB-250** with short tube.
- Modern slim version.
- Centrifugal impeller for high pressure, which need to be passed in longer ductings.
- Backdraught shutters included.
- Plastic housing and impeller.
- 220-240V 50/60Hz motors (CB-100 PLUS), insulation class **B** and thermal cut out, ambient temperature max. 40°C.
- 230V 50Hz motors (CB-250 PLUS), insulation class **B** and thermal cut out, ambient temperature max. 40°C.
- 60Hz versions on demand.



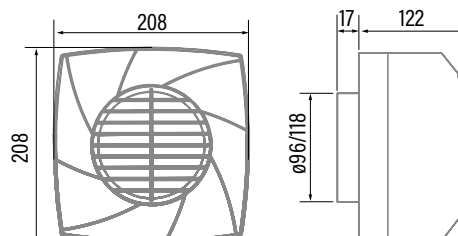
CODE	MODEL	COLOUR	EAN CODE	VERSION	Ø (mm)	Voltage (V)	Speed (r.p.m)	Input Power (W)	Maximum AirFlow (m ³ /h)	Sound Pressure Level dB(A)	Weight (Kg)	Units per box	110-127V 60Hz on request
TIMER SERIES													
00841000	CB-100 PLUS T	<input type="checkbox"/>	8422248114394	●	100	230	2300	28	130	49	0,98	5	-
STANDARD SERIES													
00840000	CB-100 PLUS	<input type="checkbox"/>	8422248114387	●	100	230	2300	28	130	49	0,98	5	√
00850000	CB-250 PLUS	<input type="checkbox"/>	8422248114417	●	100/120	230	2300	45	270	52	1,64	5	√



CB-100 PLUS/CB-100 PLUS T



CB-250 PLUS



DUCT IN-LINE

In-line mixed flow fans with high performance air flow capacity and low noise level.

2 SPEED	EASY
3 SPEED	MAINTENANCE

- **Fan:**
 - Housing polypropylene plastic.
 - Easy accessible motor due to the motor support, which can be dismantled without interfering existing duct system. (1)
- **Motor:**
 - Asynchronous 1, 2 and 3 speeds motor, self-lubricating bearings for life.
 - Protection **IP44 (IPX2 for DUCT IN-LINE 100/130)** insulation Class B, and thermal cut out, ambient temperature max. 60°C (max. 40°C in Duct in Line 100/130)
 - External terminal box.
 - 60Hz versions on demand.
 - Speed control possible (not timer versions).
 - **TIMER** version models adjustable from 3 to 15 minutes.
- **Impeller:**
 - High performance and very silence helicocentrifugal mixed flow, made in ABS plastic.
 - **DUCT IN-LINE 100/130** with centrifugal impeller.
- **Accessories:**
 - Fixed plastic grills.



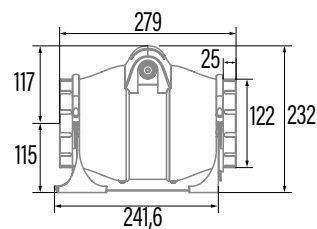
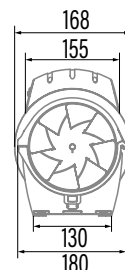
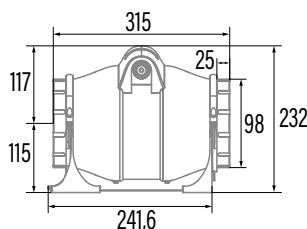
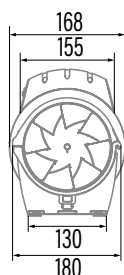
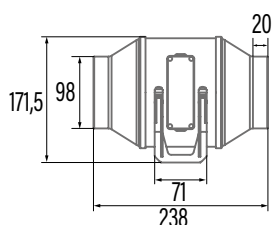
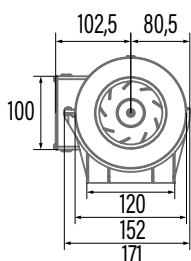
 **STANDARD** In combination with light, fans switches on.

 **TIMER** Electronic timer adjustable from 3 to 15 minutes.

DUCT IN-LINE 100/130

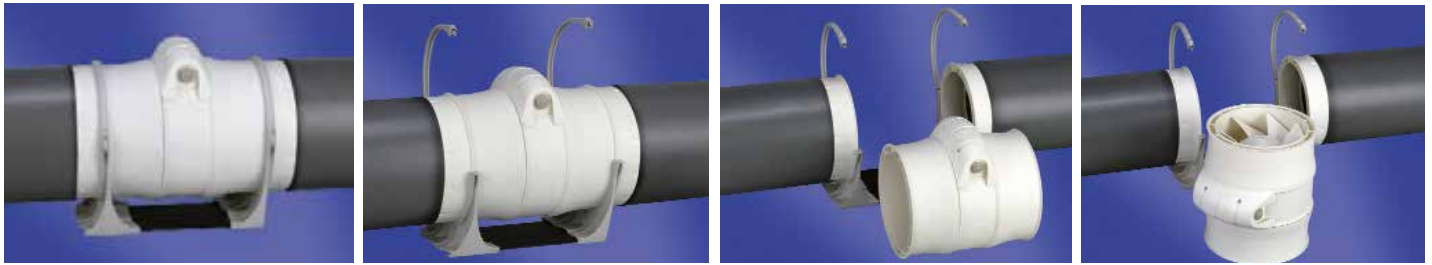
DUCT IN-LINE 100/270

DUCT IN-LINE 125/320

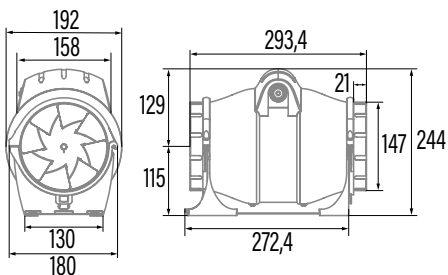


IN-LINE DUCT FANS

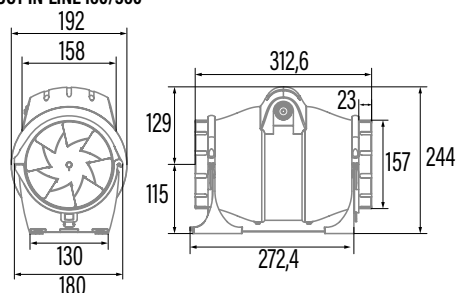
CODE	MODEL	EAN CODE	VERSION	Ø (mm)	Voltage (V)	Speed (r.p.m)	Input Power (W)	Maximum AirFlow (m³/h)	Sound Pressure Level dB(A)	Weight (Kg)	Units per box	110-127V 60Hz on request
TIMER SERIES												
00771000	DUCT IN-LINE 100/130 T	8422248920742	●	100	230	2.200	25	130	24	1,2	4	-
00702100	DUCT IN-LINE 100/270 T	8422248021210	●	100	230	2.300/1.700	30/18	270/190	30/24	2,1	1	-
STANDARD SERIES												
00770000	DUCT IN-LINE 100/130	8422248920735	●	100	230	2.200	25	130	24	1,2	4	√
00702000	DUCT IN-LINE 100/270	8422248021203	●	100	230	2.300/1.700	40/18	270/190	30/24	2,1	1	√
00703000	DUCT IN-LINE 125/320	8422248021227	●	125	230	2.300/1.700	40/18	365/250	32/26	2,1	1	√
00704000	DUCT IN-LINE 150/560	8422248021241	●	150	230	2.700/2.000	70/60	595/420	33/27	3,2	1	√
00705000	DUCT IN-LINE 160/560	8422248021265	●	160	230	2.700/2.000	70/60	595/420	33/27	3,2	1	√
00706000	DUCT IN-LINE 200/910	8422248021289	●	200	230	2.700/2.000/1.800	85/65/55	910/820/720	39/34/32	4,5	1	√



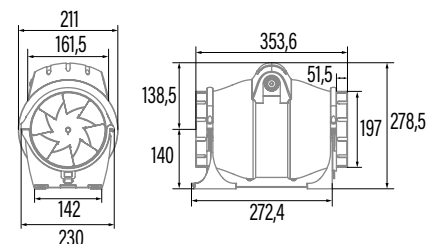
DUCT IN-LINE 150/560



DUCT IN-LINE 160/560



DUCT IN-LINE 200/910



MT

Duct fans for installation in rigid and flexible tubes.

EASY
INSTALLATION

- Very silent fans.
- Plastic housing and impeller.
- All models and versions fitted with 220-240V 50/60Hz motors, IP-X2 protection and class B as standard.
- Mounting support for 100 and 125 is optional.
- White finishing.

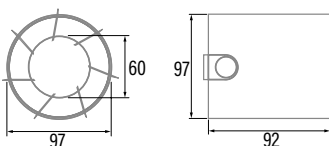


CODE	MODEL	COLOUR	EAN CODE	VERSION	Ø (mm)	Voltage (V)	Speed (r.p.m)	Input Power (W)	Maximum AirFlow (m ³ /h)	Sound Pressure Level dB(A)	Weight (Kg)	Units per box	110-127V 60Hz on request
TIMER SERIES													
00711000	MT-100 T	□	8422248920513	●	100	230	2500	15	98	41	0,4	10	-
STANDARD SERIES													
00710000	MT-100	□	8422248920186	●	100	230	2500	15	98	41	0,4	10	√
00720000	MT-125	□	8422248920520	●	125	230	2450	20	190	43	0,6	10	√
00730000	MT-150	□	8422248920797	●	150	230	2100	25	320	45	1,2	5	√

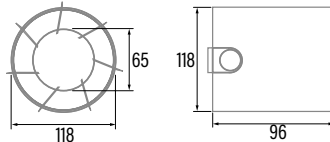
 **STANDARD** In combination with light, fans switches on.

 **TIMER** Electronic timer adjustable from 3 to 15 minutes.

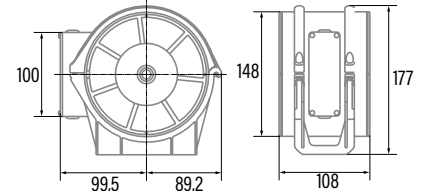
MT-100



MT-125



MT-150



LHV

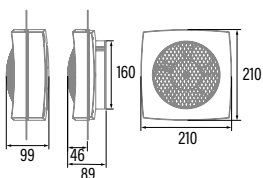
Helicoidal fans to be installed in walls or windows.

- Modern design.
- Impeller with **low noise profile and high efficiency.**
- **Window kit included.**
- Protection guard on inlet side.
- Series with 230 V, 50 motor, protection IP-44, insulation class B (type 160 IP-X4).
- 60Hz versions on demand.
- Speed controlled.
- Working temperature from: -20°C to +50°C.

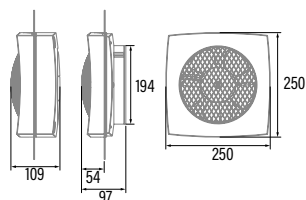


CODE	MODEL	COLOUR	EAN CODE	Ø (mm)	Voltage (V)	Speed (r.p.m)	Input Power (W)	Maximum AirFlow (m³/h)	Sound Pressure Level dB(A)	Weight (Kg)	Units per box	110-127V 60Hz on request
00660000	LHV 160	□	8422248009324	160	230	1750	20	450	40	1,2	1	-
00661000	LHV 190	□	8422248009331	190	230	1500	30	700	42	1,7	1	√
00662000	LHV 225	□	8422248009348	225	230	1150	45	900	44	3	1	√
00663000	LHV 300	□	8422248009355	300	230	1050	50	1450	47	3,4	1	√

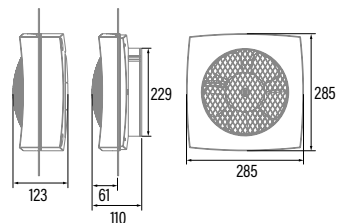
LHV160



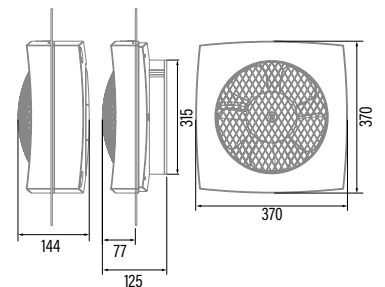
LHV 190



LHV 225



LHV 300

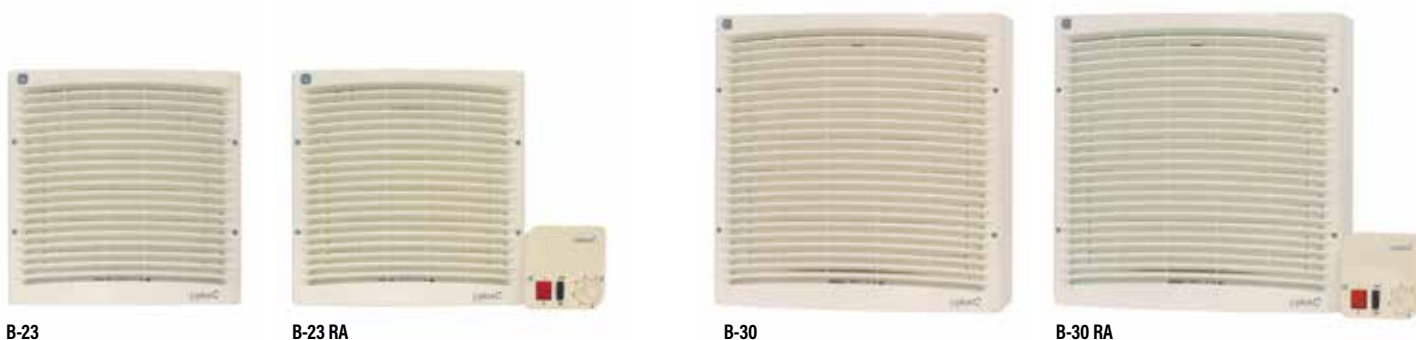


B-23 / B-30

Helicoidal fans to be installed in walls or windows.

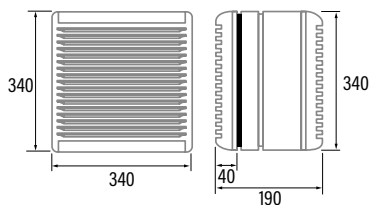
REVERSIBLE FAN	AUTOMATIC SHUTTER SYSTEM
-------------------	-----------------------------

- Elegant design.
- **Glass installation kit included as standard.**
- Protection guard on inlet side.
- Fitted with 230V 50 Hz motors and class B as standard.
- Fully adjustable.
- Working temperatures from -20°C to +50°C.
- **Model B:** MATIC (with automatic blind).
- **RA:** Reversible with 5-speed adjuster.

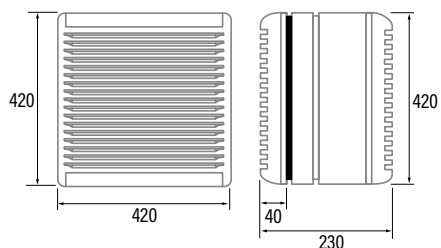


CODE	MODEL	EAN CODE	Ø (mm)	Voltage (V)	Speed (r.p.m)	Input Power (W)	Maximum Amps (A)	Maximum AirFlow (m³/h)		Sound Pressure Level dB(A)	Weight (Kg)	Units per box	110-127V 60Hz on request
								extract	intake				
00610000	B-23	8422248120234	230	230	1350	45	0,19	825	530	49	5,19	1	√
00620000	B-30	8422248120241	305	230	1260	90	0,39	1900	700	51	7,45	1	√
00611003	B-23 RA	8422248007740	230	230	1350	45	0,19	825	530	49	5,19	1	-
00621003	B-30 RA	8422248007764	305	230	1260	90	0,39	1900	700	51	7,45	1	-

B-23 / B-23 RA



B-30 / B-30 RA



ELECTRIC WATER HEATER



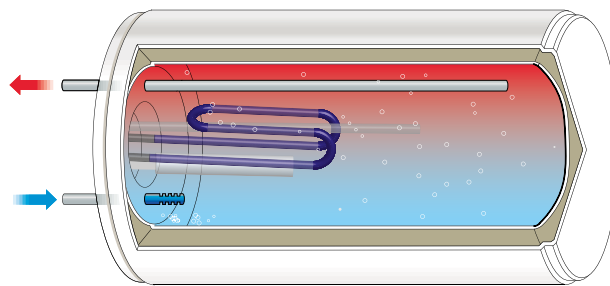
A new range of modernized electric water heaters

Following the philosophy of offering quality products, and investing in efficiency and technology, the brand presents a product mix that adapts to the real everyday needs of any user. From Slim models with reduced dimensions, to the incorporation of two resistances for the most impatient ones.

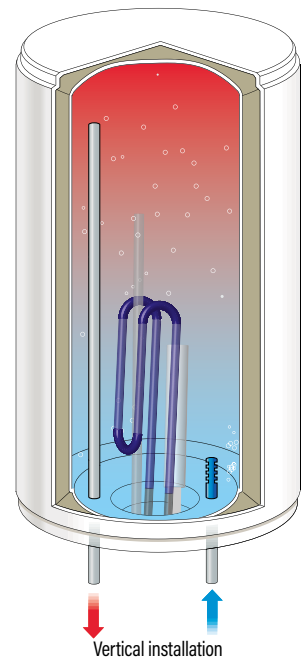
Versatility in installation

Most Cata water heaters offer the possibility of adaptation.

That is, according to the user's requirements, they can be installed both horizontally and vertically and will continue to be equally effective.



Horizontal installation



Vertical installation

Water heaters that comply with the regulations and that comply with you

The engineering and quality team works every day to improve processes and achieve better energy efficiencies in manufacturing.

All Cata water heaters comply with current regulations, and also comply with market expectations, offering heaters with up to energy efficiency B.

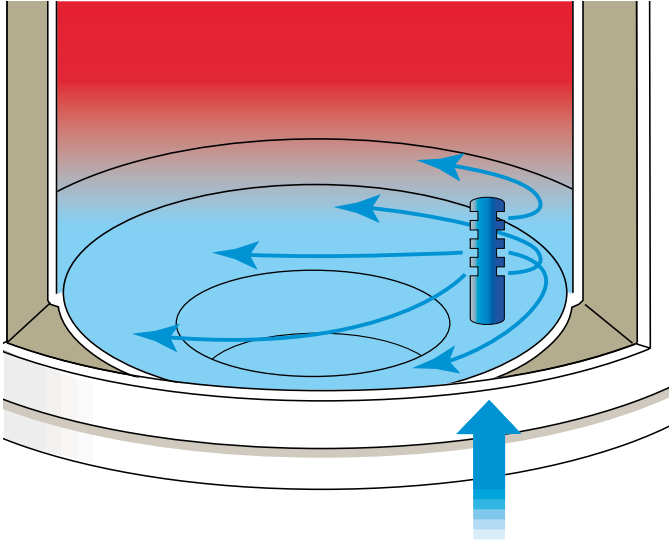
With the double tank, twice as efficient

The water heaters of the Slim range, incorporate two tanks inside, which allows to have hot water much faster.

In addition, it is more efficient, because it allows to regulate its use intelligently, depending on consumption.



Slow Flow



The cold water inlet diffuser of the Cata water heaters is designed to achieve a smooth mixture that does not affect the temperature inside the heaters.

Its operation is simple and practical, because thanks to its diffuser, distributes the water laterally, making a softer mixture and thus avoiding the decrease of the temperature inside the boiler and therefore unnecessary extra consumption.

With the Slim range of Cata we are twice as fast

In the Slim models you get more power in the heating, thanks to the incorporation of two resistances that can work independently or jointly, according to the needs of each moment.

When the heater detects an important consumption of hot water it immediately activates the maximum power by heating with both resistances.

When there is low consumption, the heater activates one of the two resistances cyclically. This results in a longer life of our device.

A range designed for every need

Quality components inside and out





The entire range incorporates an outer coating of cold rolled carbon steel, which carries a special paint, avoiding oxidation and providing it with an IPX4 protection index.

The heaters are protected against possible splashing of water in its entirety, whether water in vertical or horizontal direction. In addition, to avoid heat losses, it carries quality insulation inside.

The Cata water heaters last longer because they incorporate a vitreous titanium enamel steel vat at 850 °C of uniform thickness and perfect adhesion.



Scheme of capabilities

	30 l.	CTR-30-M CTRC-30-M
	50 l.	CTRS-50-REV SLIM CTRH-50-REV CTR-50-M
	80 l.	CTRS-80-REV SLIM CTRH-80-REV CTR-80-M
	100 l.	CTR-100-M CTRS-100-REV SLIM

Utility, versatility and technological innovation are the values fostered by CATA

Cata Smart Control, the intelligent way to operate

The heaters with electronic control of Cata allow programming the operation depending on the needs of each user.

The device offers the possibility to select between three options. If 1200W is enough, option 1 (mono) is adequate. If it is needed to work at maximum power, 2000W, the second option (duo), can be activated manually. And to be even more efficient, you can choose the third option that allows you to automatically adjust the power needed at any time, allowing you to save in an intelligent way (automatic).

Antifreeze protection

The antifreeze protection function protects the heaters from low temperatures, thus preventing ice from forming inside. The device incorporates an ambient temperature sensor, which detects if it is below 6 degrees; in that case, the resistances will be put into operation automatically, until reaching 10 degrees, thus avoiding possible breakages by freezing the water inside the heaters.

We bet on the armoured submerged resistances Resist-blue

The submerged resistances of Cata are armoured with a product that provides a longer useful life and adds greater protection to the corrosion produced by the water that is in contact with the resistance.

The so-called **Resist-blue** is the coating that prevents the formation of lime on the resistance itself and allows the surface to be cleaned in order to transmit directly and evenly heat to the water throughout the life of the heater.

Resist-blue submerged armoured resistors of the new Cata heaters are more effective, compared to resist sheathed, since the transmission of heat is direct and fast.

If it is necessary to change the resistance, the revision of the heaters is simpler, since it is possible to access the interior of the heater once emptied.

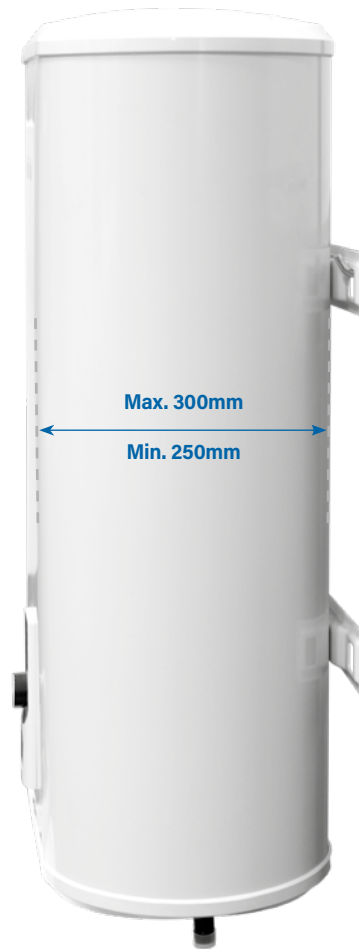
Once the resistance has been changed, the device is again like new, since the lime produced during the years of use has solidified on the replaced resistance and not on the resistance coating, as it happens in heaters with sheathed resistances.

In areas with very hard water it is advisable to use heaters with submerged resistances, such as Cata Resist-blue.



The Slim models of this range are designed so that they can be integrated in the high cabinets of any kitchen or in other small places in the house, since their depth is the smallest of the market with 250mm.

In short, they are electric heaters that have a reduced diameter, without losing any of the benefits presented by the rest of the range.



An aesthetic and a performance at height

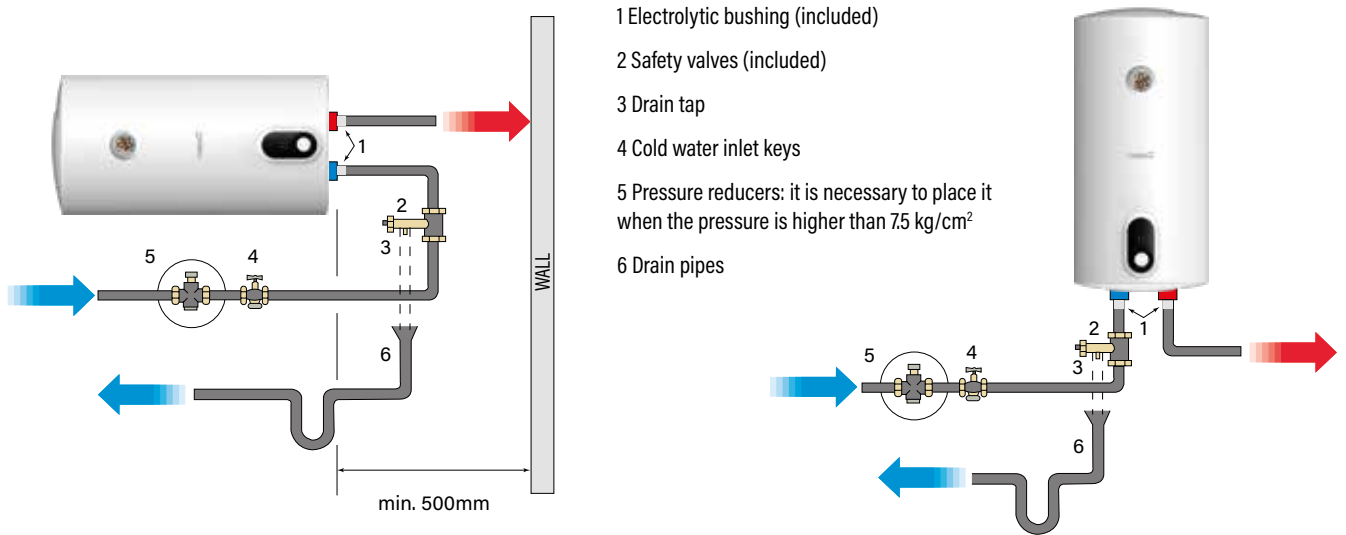
The new controls offer an innovative aesthetic, with more elegant and sophisticated lines and colours. For those who prefer simplicity, mechanical control is presented, while for those seeking precision in programming, there is the new digital control. In addition, all have the control thermostat on the front of the series, which allows adjusting the temperature in a much simpler and practical way.

A perfect fit to not spend more energy than necessary.



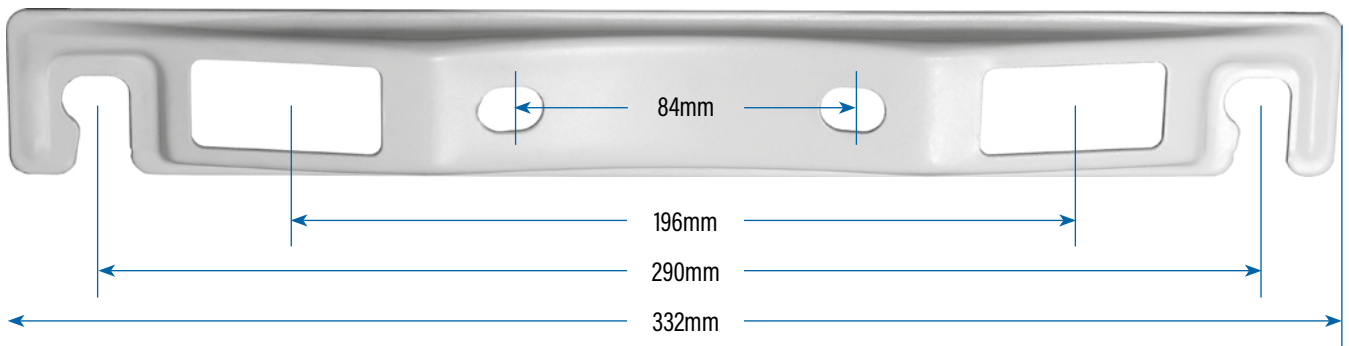
Safety and comfort, especially

The safety valve allows working at a maximum pressure of 75 bar. The overpressure valve that is supplied as standard in Cata heaters offers total safety and manages to maintain hydraulic safety avoiding possible pressure increases inside the boiler and minimizing its emptying inadvertently. In addition, if necessary, allows emptying the heaters, with greater comfort and speed.



Anchoring universal models

The system of hanging of the Cata heaters is universal, which allows making the change in a simple way, without the need for new holes in the wall. This revolutionary system makes the replacement by the new Cata heaters fast and much more effective. Both the CTR and the CTRH range have this universal hanging system which makes wall installation much easier.



ECO position

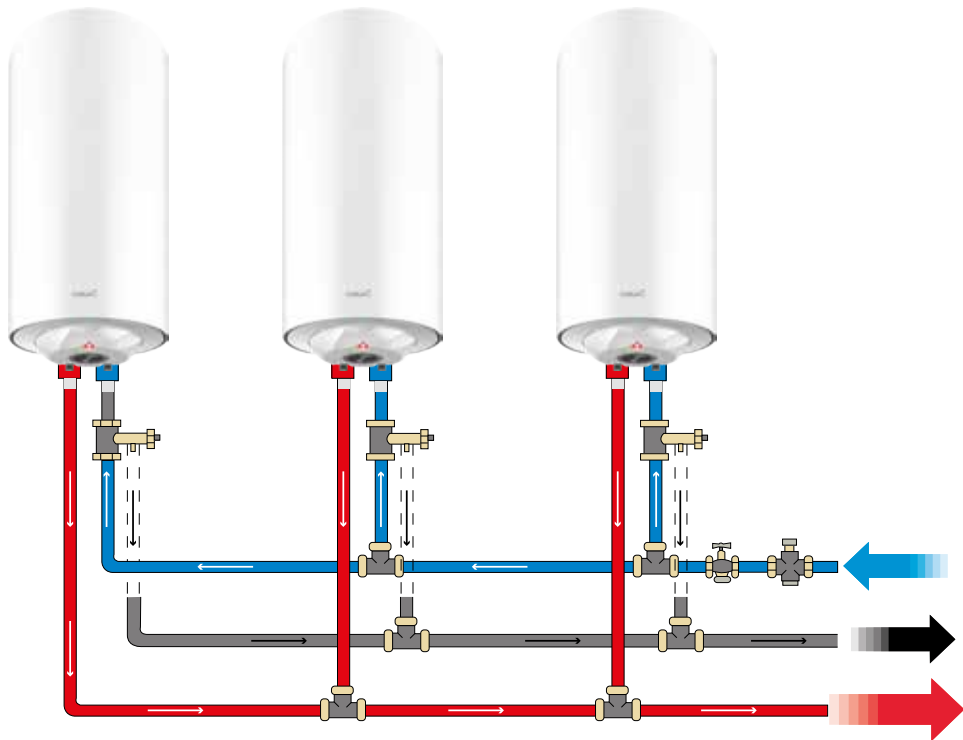
After years of research in new manufacturing processes and efficiency tests, Cata manages to be more Eco. The new heaters offer activating the energy saving position, from the control of energy regulation.

In this position, the perfect point between comfort and energy saving is achieved, which allows us to extend the life of the heaters.

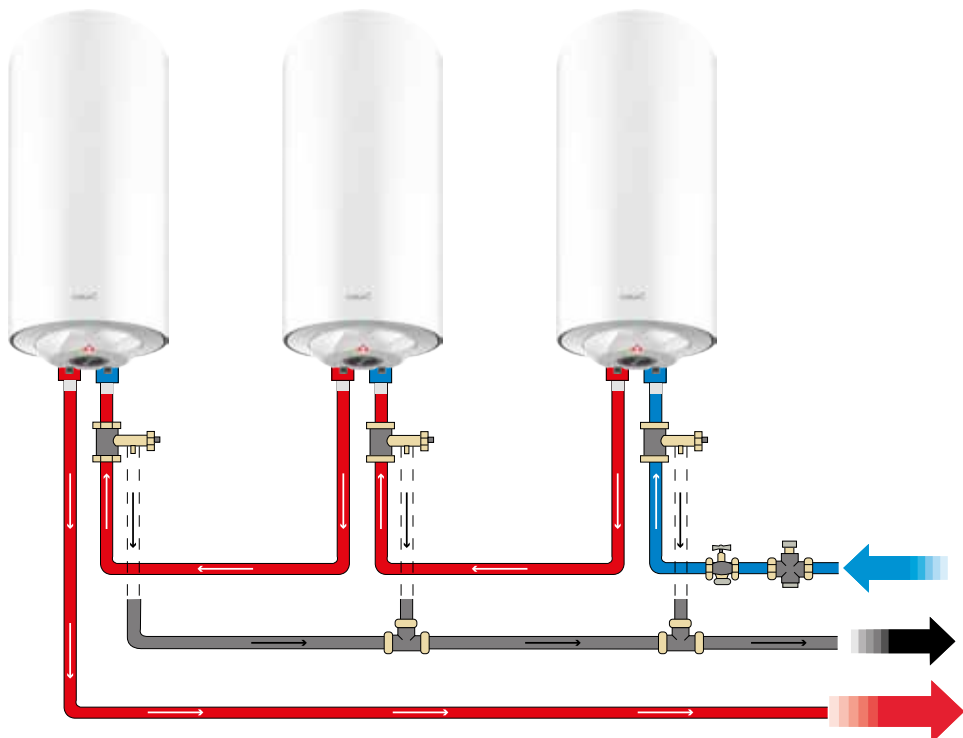
The best solution for large demands

The installation in series or in parallel of the Cata heaters is the ideal solution when big demands of hot water are needed. This system is safer and more efficient than industrial sanitary hot water systems. Save, because in case of failure of any of the devices in the system, the rest continues to work properly, and efficient, because it allows a better adaptation to the requested water demand. The electrical consumption is also reduced by using the resistances in a staggered manner according to the needs at each moment. It is ideal for gyms, hotels or sports centres, where the influx and needs can vary constantly.

Parallel installation



Serial installation



ELECTRIC WATER HEATER



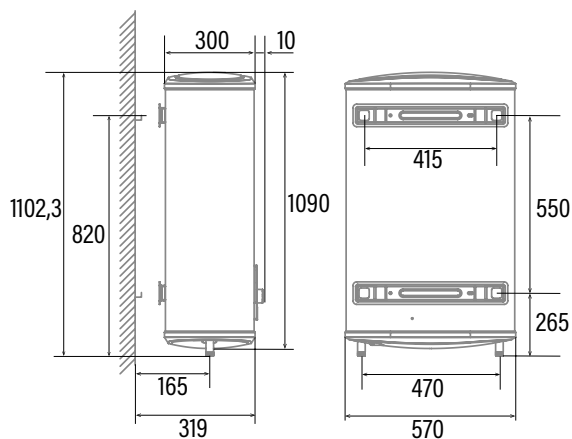
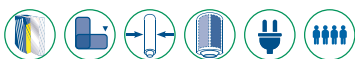
Double tank
and reversible



Double tank
and reversible

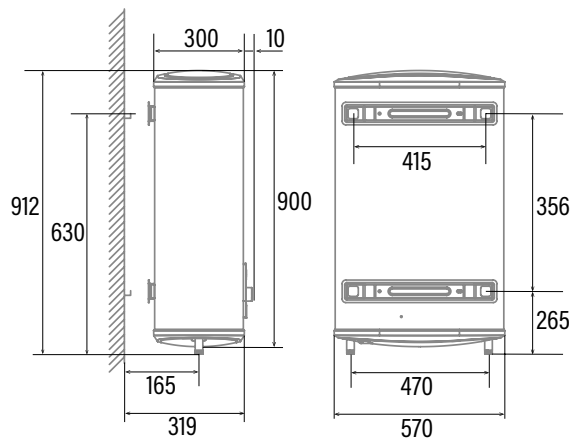
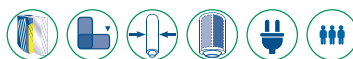
CTRS-100 REV SLIM Cod. **03114001** EAN **8422248102520**

- Square slim exterior shape electric water heater 93 litres
- Reversible horizontal and vertical installation
- Double tank
- Sumerged heating elements
- Steel tank with vitrified titanium enamelling at 850° C
- Digital display control
- Electronically adjustable temperature with display (accuracy to 1°C)
- Power mode (mono/duo/automatic)
- Magnesium anode
- Superinsulation expanded polyurethane without CFC and HCFC
- Anti-freezing protection
- Breakdown indicator
- Insulating sleeves
- Safety valve with draining appliance
- Polyester paint exterior coating
- Dimensions (height x width x depth): 1090 x 570 x 300 mm
- 220/240 V - 50/60 Hz
- Max. power: 2.000 W
- Min. power: 1.200 W



CTRS-80 REV SLIM Cod. **03112001** EAN **8422248081474**

- Square slim exterior shape electric water heater 74 litres
- Reversible horizontal and vertical installation
- Double tank
- Sumerged heating elements
- Steel tank with vitrified titanium enamelling at 850° C
- Digital display control
- Electronically adjustable temperature with display (accuracy to 1°C)
- Power mode (mono/duo/automatic)
- Magnesium anode
- Superinsulation expanded polyurethane without CFC and HCFC
- Anti-freezing protection
- Breakdown indicator
- Insulating sleeves
- Safety valve with draining appliance
- Polyester paint exterior coating
- Dimensions (height x width x depth): 900 x 570 x 300 mm
- 220/240 V - 50/60 Hz
- Max. power: 2.000 W
- Min. power: 1.200 W



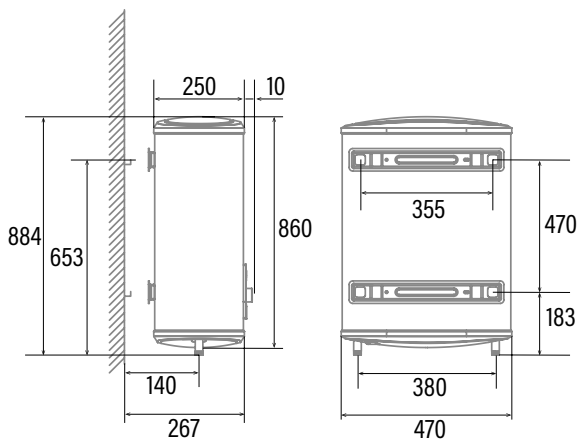
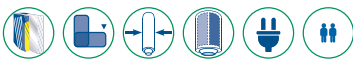
ELECTRIC WATER HEATER



Double tank
and reversible

CTRS-50 REV SLIM
Cod. **03111001** EAN **8422248081467**

- Square slim exterior shape electric water heater 46 litres
- Reversible horizontal and vertical installation
- Double tank
- Sumerged heating elements
- Steel tank with vitrified titanium enamelling at 850° C
- Digital display control
- Electronically adjustable temperature with display (accuracy to 1°C)
- Power mode (mono/duo/automatic)
- Magnesium anode
- Superinsulation expanded polyurethane without CFC and HCFC
- Anti-freezing protection
- Breakdown indicator
- Insulating sleeves
- Safety valve with draining appliance
- Polyester paint exterior coating
- Dimensions (height x width x depth): 860 x 470 x 250 mm.
- 220/240 V - 50/60 Hz
- Max. power: 2.000 W
- Min. power: 1.200 W



ELECTRIC WATER HEATER



Reversible

Reversible

CTRH-80-REV

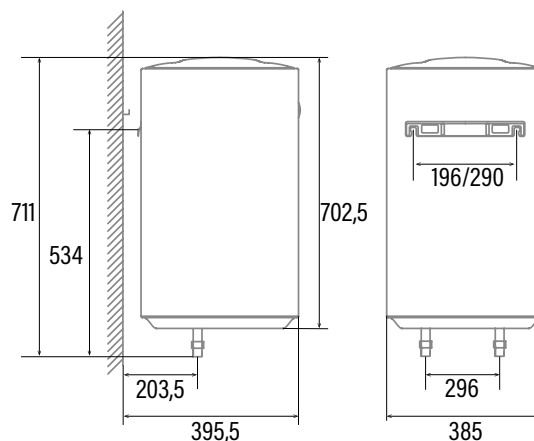
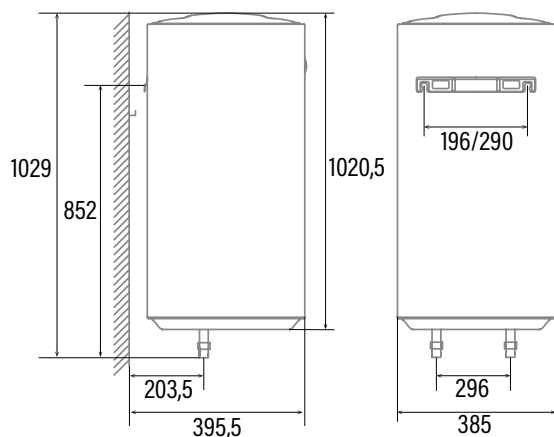
Cod. **03112004** EAN **8422248081580**

- Round exterior shape electric water heater 73 litres
- Reversible horizontal and vertical installation
- Sumerged heating element
- Steel tank with vitrified titanium enamelling at 850° C
- Mechanic display control
- ECO intelligent mode
- Magnesium anode
- Superinsulation expanded polyurethane without CFC and HCFC
- Insulating sleeves
- Safety valve with draining appliance
- Polyester paint exterior coating
- Dimensions (height x width x depth): 1030 x 385 x 385 mm
- 220/240 V - 50/60 Hz
- Total power: 1.500 W

CTRH-50-REV

Cod. **03111004** EAN **8422248081573**

- Round exterior shape electric water heater.46 litres
- Reversible horizontal and vertical installation
- Sumerged heating element
- Steel tank with vitrified titanium enamelling at 850° C
- Mechanic display control
- ECO intelligent mode
- Magnesium anode
- Superinsulation expanded polyurethane without CFC and HCFC
- Insulating sleeves
- Safety valve with draining appliance
- Polyester paint exterior coating
- Dimensions (height x width x depth): 711 x 385 x 385 mm
- 220/240 V - 50/60 Hz
- Total power: 1.500 W



ELECTRIC WATER HEATER



CTR-100-M

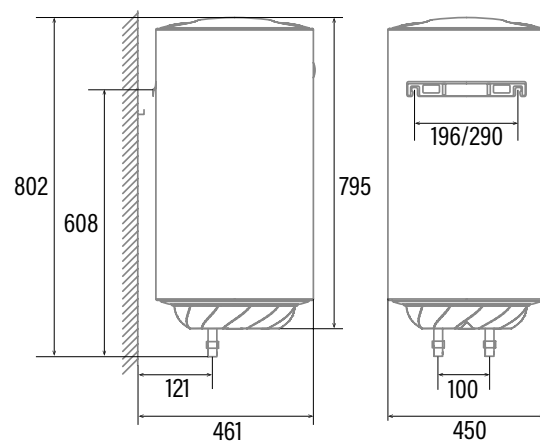
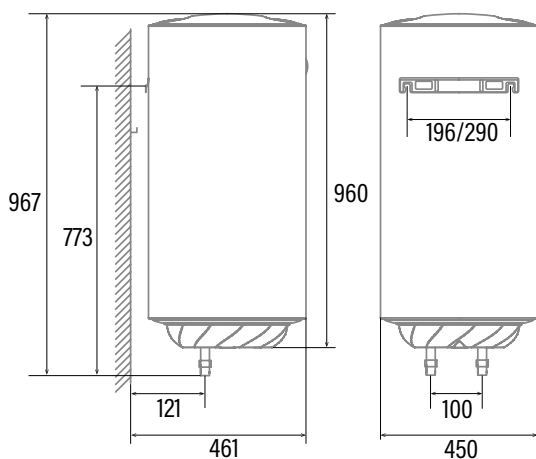
Cod. **03113001** EAN **8422248081559**

- Round exterior shape electric water heater 100 litres
- Vertical installation
- Submerged heating element
- Steel tank with vitrified titanium enamelling at 850° C
- Mechanic display control
- ECO intelligent mode
- Magnesium anode
- Superinsulation with CFC- and HCFC-free expanded polyurethane
- Insulating sleeves
- Safety valve with draining appliance
- Polyester paint exterior coating
- Dimensions (height x width x depth): 970 x 450 x 450 mm
- 220/240 V - 50/60 Hz
- Total power: 1.500 W

CTR-80-M

Cod. **03112003** EAN **8422248081542**

- Round exterior shape electric water heater. 80 litres
- Vertical installation
- Submerged heating element
- Steel tank with vitrified titanium enamelling at 850° C
- Mechanic display control
- ECO intelligent mode
- Magnesium anode
- Superinsulation with CFC- and HCFC-free expanded polyurethane
- Insulating sleeves
- Safety valve with draining appliance
- Polyester paint exterior coating
- Dimensions (height x width x depth): 805 x 450 x 450 mm
- 220/240 V - 50/60 Hz
- Total power: 1.500 W



ELECTRIC WATER HEATER



CTR-50-M

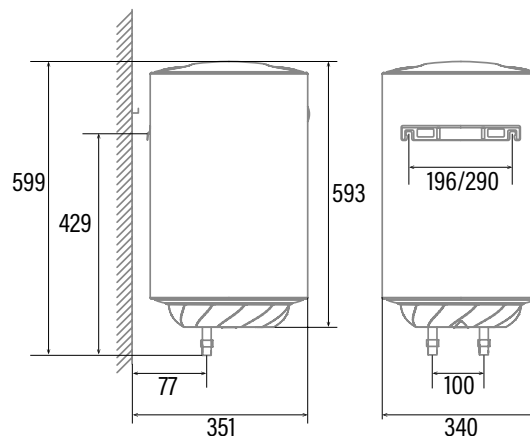
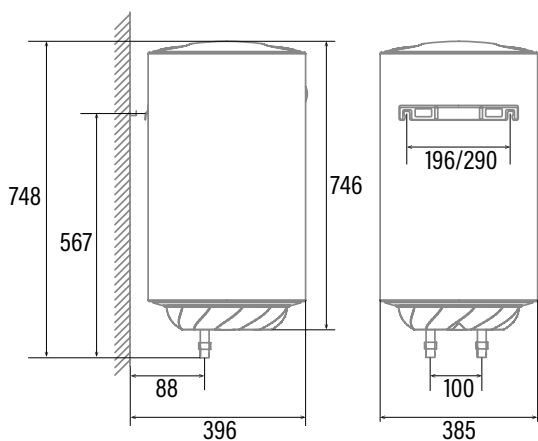
Cod. **03111003** EAN **8422248081535**

- Round exterior shape electric water heater. 50 litres
- Vertical installation
- Sumerged heating element
- Steel tank with vitrified titanium enamelling at 850° C
- Mechanic display control
- ECO intelligent mode
- Magnesium anode
- Superinsulation with CFC- and HCFC-free expanded polyurethane
- Insulating sleeves
- Safety valve with draining appliance
- Polyester paint exterior coating
- Dimensions (height x width x depth): 770 x 385 x 385 mm
- 220/240 V - 50/60 Hz
- Total power: 1.500 W

CTR-30-M

Cod. **03110001** EAN **8422248081528**

- Round exterior shape electric water heater. 30 litres
- Vertical installation
- Sumerged heating element
- Steel tank with vitrified titanium enamelling at 850° C
- Mechanic display control
- ECO intelligent mode
- Magnesium anode
- Superinsulation with CFC- and HCFC-free expanded polyurethane
- Insulating sleeves
- Safety valve with draining appliance
- Polyester paint exterior coating
- Dimensions (height x width x depth): 605 x 340 x 340 mm
- 220/240 V - 50/60 Hz
- Total power: 1.500 W



ELECTRIC WATER HEATER



CTRC-30-M

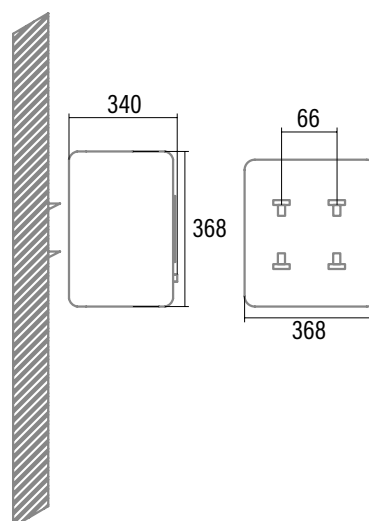
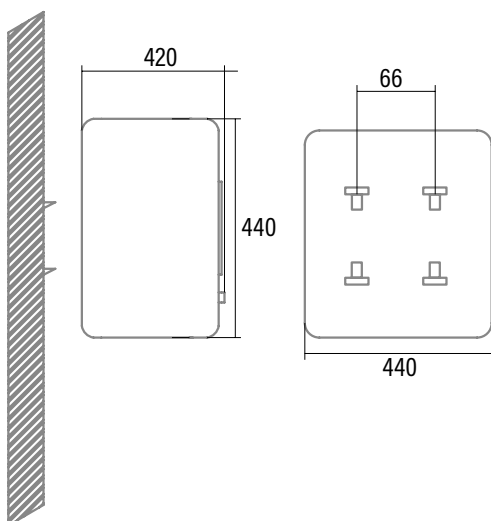
Cod. **03110003** EAN **8422248096621**

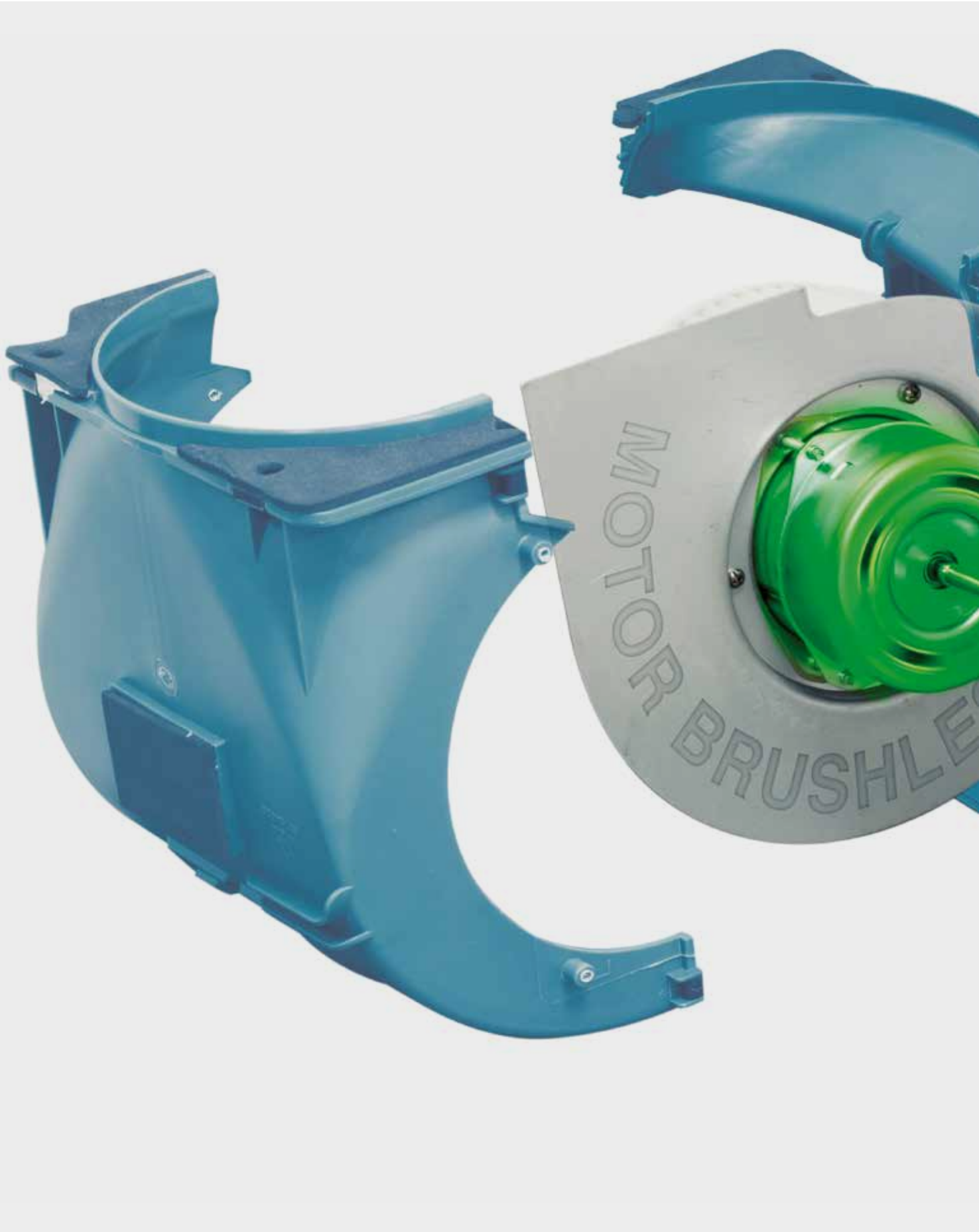
- 30 liter electric water heater over / under sink
- Vertical installation
- Submerged enameled resistance
- Maximum temperature 75°C
- Mechanic display control
- Magnesium anode
- Safety valve with draining appliance
- Installation kit
- Class C
- Measurements (high x wide x deep): 440 x 440 x 420 mm
- 220/240 V - 50 Hz
- Total power: 1500 W

CTRC-15-M

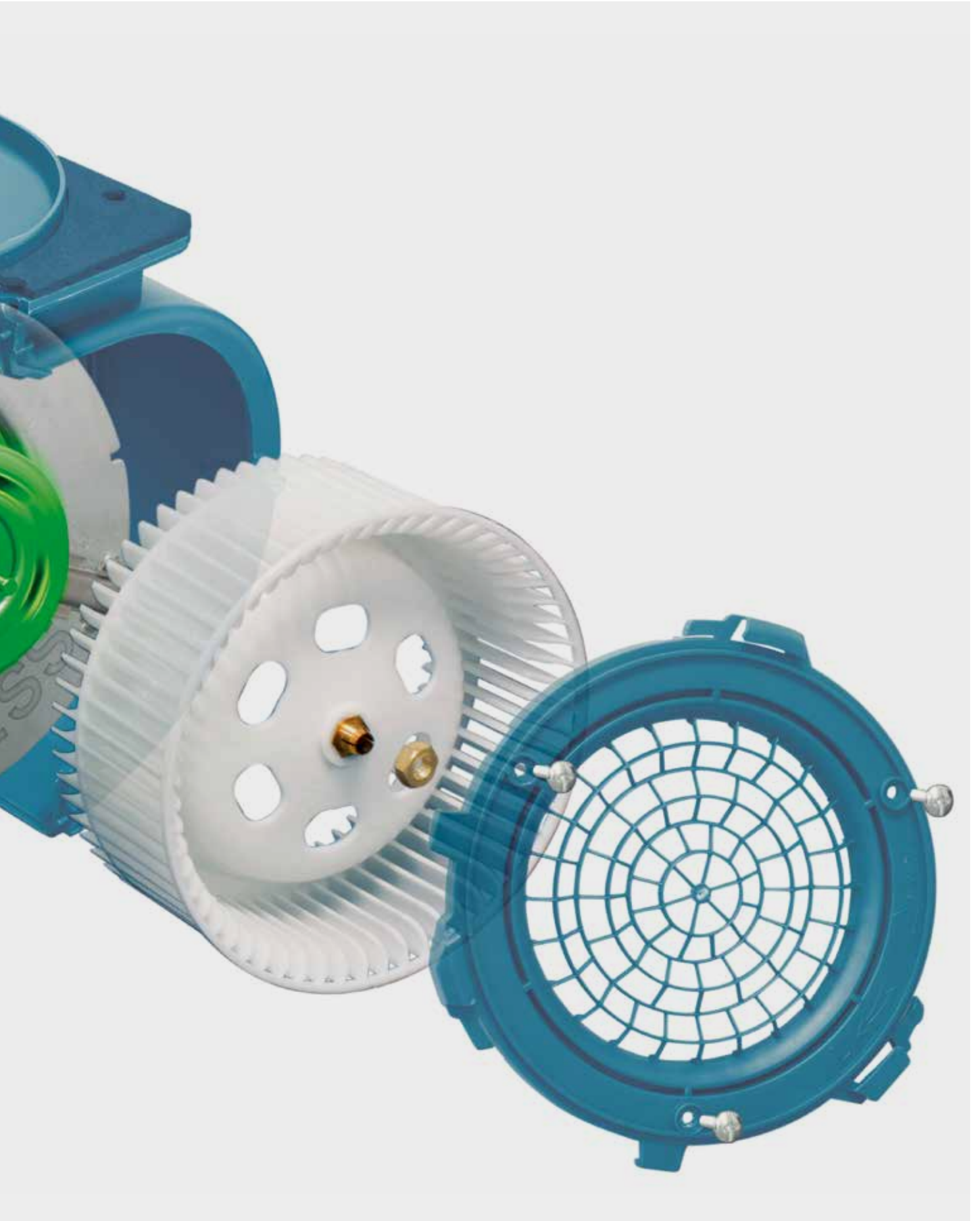
Cod. **03109000** EAN **8422248096638**

- 15 liter electric water heater over / under sink
- Vertical installation
- Submerged enameled resistance
- Maximum temperature 75°C
- Mechanic display control
- Magnesium anode
- Safety valve with draining appliance
- Installation kit
- Class A
- Measurements (high x wide x deep): 368 x 368 x 340 mm
- 220/240 V - 50 Hz
- Total power: 1500 W





TECHNICAL INFORMATION & PERFORMANCE CURVES



Code	00117000	00117100	00117400	00116110	00116002	00114102	00111002
EAN	8422248100816	8422248100823	8422248100832	8422248006316	8422248100601	8422248100403	8422248100830
Model	PROFESSIONAL 750	PROFESSIONAL 750 L	PROFESSIONAL 500	600 PLUS 2V	GS 600	GS 400 M	GS 400 P
Type	kitchen extractor	kitchen extractor	kitchen extractor	kitchen extractor	kitchen extractor	kitchen extractor	kitchen extractor
Product fiche according to directives EU65/2014 - EN61591, EN60704-2-13, EN50564							
AEC (Annual Energy consumption) (kWh/annum)	54	155,9	69,3	54,8	51,7	29,2	30,3
EEI class (Energy Efficiency Class)	C	E	D	C	C	B	B
FDE (Fluid Dynamic Efficiency)	9,5	5,1	5,1	9,3	12,5	10,7	10,5
FDE class (Fluid Dynamic Efficiency Class)	E	F	F	E	E	E	E
LE (Lighting Efficiency) (lux/W)	-	1,5	-	-	-	-	-
LE class (Lighting Efficiency Class)	-	G	-	-	-	-	-
GFE (Grease Filtering Efficiency)	53,7	53,7	51,9	51,9	-	-	-
GFE Class (Grease Filtering Efficiency class)	F	F	F	F	-	-	-
Air flow at minimum speed (m3/h)	-	-	-	420	-	-	-
Air flow at maximum speed (m3/h)	600	600	450	600	480	290	290
Air flow at intensive speed (TURBO) (m3/h)	-	-	-	-	-	-	-
Sound Power Level at minimum speed (dB)	-	-	-	45	-	-	-
Sound Power Level at maximum speed (dB)	49	49	57	52	50	52	52
Sound Power Level at intensive speed (TURBO) (dB)	-	-	-	-	-	-	-
Po (Power Consumption in off mode) (W)	0	0	0	0	0	0	0
Ps (Power Consumption in standby) (W)	0	0	0	0	0	0	0
Integration directive EU 66/2014							
f (Time Increase Factor)	1,7	1,8	1,8	1,7	1,6	1,6	1,6
EEI (Energy Efficiency Index)	86	109,9	95,2	84,5	78,9	68,7	69,7
QBEP (Flow Rate at Best Efficiency Point) (m3/h)	287,3	287,3	134,6	285,9	311,7	163,2	174,2
PBEP (Static Pressure Difference at Best Efficiency Point) (Pa)	106	106	142	105	131,6	117	110,6
WBEP (Electric Power Input at Best Efficiency Point) (W)	89,1	169,1	104,6	90,1	91,4	49,6	51,1
WL (Nominal Power Consumption of Lighting system) (W)	-	56	-	-	-	-	-
EMIDDLE (Average Illumination of Lighting system on Cooking surface) (lux)	-	82	-	-	-	-	-
External Dimensions							
Width (mm)	356	356	260	355	375	250	240
Depth (mm)	235	235	173	134	136	125	120
Total max height(mm)	-	-	-	-	-	-	-
Total min height(mm)	650	650	650	650	650	650	650
Outlet Diameter (mm)	120	120	100	120	125	110	110
Characteristics							
Motor	Induction	Induction	Induction	Induction	Induction	Induction	Induction
Extraction Levels	1	1	1	2	1	1	1
Motor Maximum Power Consumption	105W	105W	125W	105W	105W	60W	60W
Maximum Pressure	190	190	235	205	200	210	225
Intensive Speed (TURBO) Pressure	-	-	-	-	-	-	-
Control Type	-	-	-	speed control	-	-	-
Automatic shut-down timer	-	-	-	-	-	-	-
Electronic Filter Saturation Indicator	-	-	-	-	-	-	-
Filter Type	Metallic	Metallic	Metallic	Metallic	-	-	-
Anti-grease Filter Number	1	1	1	1	-	-	-
Inner Shield	-	-	-	-	-	-	-
Lighting							
Light Type	-	E-14 x 28W	-	-	-	-	-
Adjustable Intensity Lighting	-	-	-	-	-	-	-
N° of Lamps	-	2	-	-	-	-	-
Installation							
Minimum height distance to a electric worktop hob (mm)	65	65	65	65	65	65	65
Minimum height distance to a gas worktop hob (mm)	65	65	65	65	65	65	65
Installation with Outlet tube to the exterior / Recirculating	EXTERIOR	EXTERIOR	EXTERIOR	EXTERIOR	EXTERIOR	EXTERIOR	EXTERIOR
Easy Installation System	√	√	√	√	√	√	√
Electric Connection							
Total Rush Power (W)	105	161	125	105	105	60	60
Rated Voltage (V)	230	230	230	230	230	230	230
Network Frequency (Hz)	50	50	50	50	50	50	50
Electrical Insulation Class	CLASS I	CLASS I	CLASS II	CLASS I	CLASS I	CLASS I	CLASS I
Plug	-	-	-	-	-	-	-
Accessories							
Upper Decorative tube Extension	-	-	-	-	-	-	-
White Decorative Tube	-	-	-	-	-	-	-
Black Decorative Tube	-	-	-	-	-	-	-
Island Tube Enhancer	-	-	-	-	-	-	-
Check Valve	-	-	-	-	-	-	-
MAX PRO Metal Filter	-	-	-	-	-	-	-
Metal Filter	01140700*	01140700*	01140801*	01100000*	-	-	-
DUAL Filter (metal + active charcoal)	-	-	01140800	-	-	-	-
Active Charcoal Filter	-	-	-	-	-	-	-
Noiseless Flexible Duct	-	-	-	-	-	-	-

CODE	03114001	03112001	0311001	03112004	0311004
EAN CODE	8422248102520	8422248081474	8422248081467	8422248081580	8422248081573
Model	CTRS-100 REV SLIM	CTRS-80 REV SLIM /A	CTRS-50 REV SLIM /A	CTRH-80-REV	CTRH-50-REV
Type (Electric/Gas)	Electric	Electric	Electric	Electric	Electric
Product fiche according to EU Regulation n° 812/2013					
Declared Load Profile	M	M	M	M	M
Energy Efficiency Class	B	B	B	C	C
Energy Efficiency of Water Heating η_{wh}	42	39	41,3	36	36
Annual Electricity Consumption AEC (kWh/year)	1228	1316	1243	1427	1426
Temperature adjusted Thermostat Tout of box	75°C	75°C	75°C	75°C	75°C
Daily Electricity Consumption Qelec (kWh)	8,458	9,745	8,829	6,692	6,689
Mixed water at 40°C (l)	144	108	76	91	68
Maximum Thermostat Temperature Tmax	75°C	75°C	75°C	75°C	75°C
Out of the Box mode Tout of box	75°C	75°C	75°C	75°C	75°C
External Dimensions					
Width [mm]	570	570	470	385	385
Height [mm]	1090	900	860	1030	711
Depth [mm]	300	300	250	385	385
Net weight (Kg)	40,7	32,45	25,86	24,55	18,2
Features					
Capacity (l)	93	74	47	73	46
Number of people		2-4	2-3	2-4	2-3
Installation	VERTICAL/HORIZONTAL	VERTICAL/HORIZONTAL	VERTICAL/HORIZONTAL	VERTICAL/HORIZONTAL	VERTICAL/HORIZONTAL
Water connection size	G1/2	G1/2	G1/2	G1/2	G1/2
Temperature Regulation range (°C)	30-75	30-75	30-75	30-75	30-75
Type of heating elements	Enamel	Enamel	Enamel	Enamel	Enamel
Heating Time to 65° C (+50°C)	2,61h	2,33h	1,46h	3,11h	1,94h
Static losses to 65°C (kWh in 24h)	3,2	2,11	1,41	1,66	1,03
Average thickness of insulation (mm)	0,15-0,5	0,15-0,5	0,15-0,5	0,15-0,5	0,15-0,5
Controls					
Control Type	ELECTRONIC	ELECTRONIC	ELECTRONIC	MECHANICAL	MECHANICAL
Thermostat control location	Front	Front	Front	Front	Front
Connection indicator	YES	YES	YES	YES	YES
Temperature indicator light	YES	YES	YES	YES	YES
Heating indicator light	YES	YES	YES	YES	YES
Safety					
Overheating Protection	YES	YES	YES	YES	YES
Protection temperature °C	101	101	101	95°	95°
Antifreeze protection	YES	YES	YES	NO	NO
Protection against humidity	IPX4	IPX4	IPX4	IPX4	IPX4
Highest Pressure (Mpa)	0,75	0,75	0,75	0,75	0,75
Magnesium Anode dimensions (mm)	φ22*234	φ22*296	φ22*234	φ22*296	φ22*234
Power connection					
Rated power [W]	1200/2000	1200/2000	1200/2000	1500	1500
Voltage range [V]	220-240	220-240	220-240	220-240	220-240
Frequency [Hz]	50/60	50/60	50/60	50/60	50/60
Rated current [A]	8,69	8,69	8,69	6,52	6,52
Power cord length [m]	1,5	1,5	1,5	1,5	1,5

CODE	03113001	03112003	0311003	03110001	03110003	03109000
EAN CODE	8422248081559	8422248081542	8422248081535	8422248081528	8422248096621	8422248096638
Model	CTR-100-M	CTR-80-M	CTR-50-M	CTR-30-M	CTRC-30-M	CTRC-15-M
Type (Electric/Gas)	Electric	Electric	Electric	Electric	Electric	Electric
Product fiche according to EU Regulation n° 812/2013						
Declared Load Profile	M	M	M	S	S	XXS
Energy Efficiency Class	C	C	C	C	C	A
Energy Efficiency of Water Heating η_{wh}	36,2	37,1	36,6	31,6	33	35
Annual Electricity Consumption AEC (kWh/year)	1420	1382	1404	583	558	522
Temperature adjusted Thermostat Tout of box	75°C	75°C	75°C	75°C	75	75
Daily Electricity Consumption Qelec (kWh)	6,653	6,428	6,56	2,82	2,674	2,462
Mixed water at 40°C (l)	103	75	73	44	28	16
Maximum Thermostat Temperature Tmax	75°C	75°C	75°C	75°C	75	75°C
Out of the Box mode Tout of box	75°C	75°C	75°C	75°C	75	75°C
External Dimensions						
Width [mm]	450	450	385	340	440	368
Height [mm]	970	805	770	650	440	368
Depth [mm]	450	450	385	340	420	340
Net weight (Kg)	31,1	25,8	19,9	15	13,5	9,6
Features						
Capacity (l)	100	80	50	30	30	15
Number of people	3-5	2-4	2-3	1-2	1-2	1-2
Installation	VERTICAL	VERTICAL	VERTICAL	VERTICAL	VERTICAL	VERTICAL
Water connection size	G1/2	G1/2	G1/2	G1/2	G1/2	G1/2
Temperature Regulation range (°C)	30-63	30-75	30-75	30-75	30-65	30-75
Type of heating elements	Enamel	Enamel	Enamel	Enamel	Enamel	Enamel
Heating Time to 65° C (+50°C)	3,89h	3,11h	1,94h	1,17h	0,55	1,11
Static losses to 65°C (kWh in 24h)	1,43	1,38	0,88	0,81	2,46	2,67
Average thickness of insulation (mm)	0,15-0,5	0,15-0,5	0,15-0,5	0,15-0,5	0,15-0,5	0,15-0,5
Controls						
Control Type	MECHANICAL	MECHANICAL	MECHANICAL	MECHANICAL	MECHANICAL	MECHANICAL
Thermostat control location	Under Bottom Cover	Under Bottom Cover	Under Bottom Cover	Under Bottom Cover	Front	Front
Connection indicator	NO	NO	NO	NO	NO	NO
Temperature indicator light	YES	YES	YES	YES	NO	NO
Heating indicator light	YES	YES	YES	YES	NO	NO
Safety						
Overheating Protection	YES	YES	YES	YES	YES	YES
Protection temperature °C	69	82	82	82	101	101
Antifreeze protection	NO	NO	NO	NO	NO	NO
Protection against humidity	IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Highest Pressure (Mpa)	0,75	0,75	0,75	0,75	0,75	0,75
Magnesium Anode dimensions (mm)	φ22*296	φ22*296	φ22*234	φ22*234	φ18*110	φ18*110
Power connection						
Rated power [W]	1500	1500	1500	1500	1500	1500
Voltage range [V]	220-240	220-240	220-240	220-240	220-240	220-240
Frequency [Hz]	50/60	50/60	50/60	50/60	50/60	50/60
Rated current [A]	6,52	6,52	6,52	6,52	6,52	6,52
Power cord length [m]	1,5	1,5	1,5	1,5	1,5	1,5

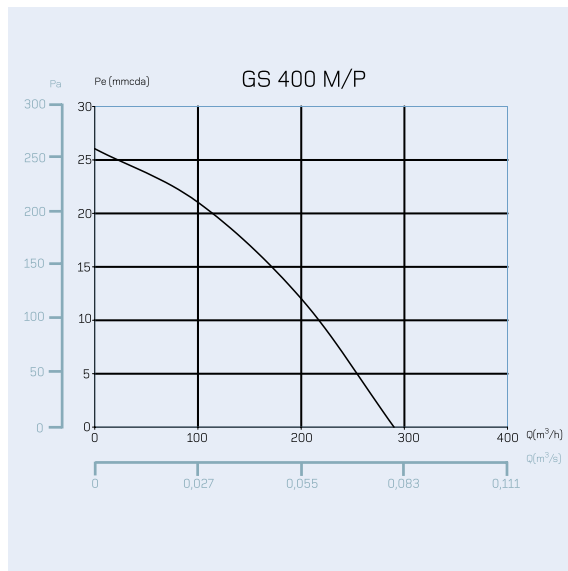
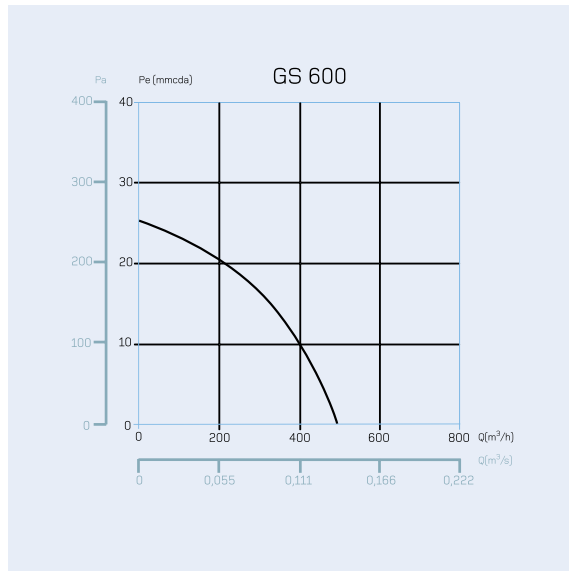
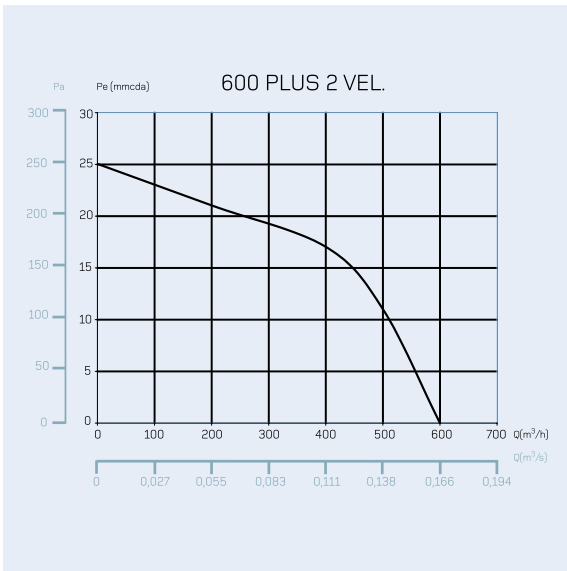
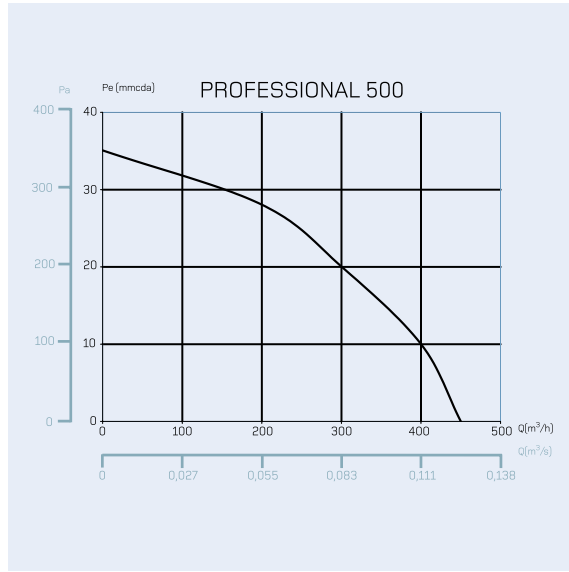
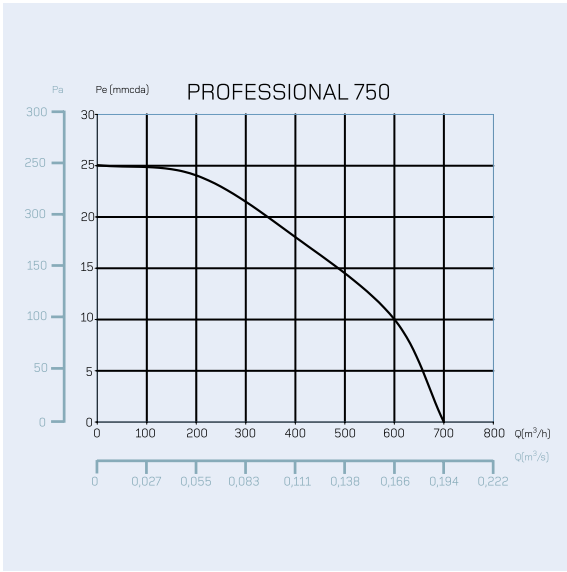


DOMESTIC VENTILATION RANGE ACCESSORIES	FIXED GRILL	GRILL ON PRESSURE	GLASS KIT	RING FIXTURE	BACKDRAUGHT SHUTTER	ANTI RETURN SHUTTER	SUPPORT	SPEED CONTROL
	REF.	REF.	REF.	REF.	REF.	REF.	REF.	REF.
E-100	01910200	01910300				01990097		
E-120	01920200	01920300				01990094		
E-150	01930200	01930300				01990095		
UC-10	01910200	01910300						
X-MART 10 MATIC	01910200	01910300	01970000	01910100		01990097		
X-MART 12 MATIC	01920200	01920300	01971000	01920100		01990094		
X-MART 15 MATIC	01930200	01930300	01972000	01930100		01990095		
X-MART 10 MATIC I-X						01990097		
B-10 MATIC	01910200	01910300	01910000	01910100				
B-15 MATIC	01930200	01930300	01930000	01930100				
X-MART 10	01910200	01910300	01970000	01910100		01990097		
X-MART 12	01920200	01920300	01971000	01920100		01990094		
X-MART 15	01930200	01930300	01972000	01930100		01990095		
X-MART 10 I-X						01990097		
X-MART 12 I-X						01990094		
X-MART 15 I-X						01990095		
SILENTIS LN 10	01910200	01910300				01990097		
SILENTIS LN 10 I-X						01990097		
SILENTIS 12	01920200	01920300				01990094		
SILENTIS 12 I-X						01990094		
SILENTIS 15	01930200	01930300				01990095		
B-10 PLUS	01910200	01910300				01990097		
B-12 PLUS	01920200	01920300				01990094		
B-15 PLUS	01930200	01930300				01990095		
B-12 PLUS TIMER	01920200	01920300		01920100	01920600			
B-10	01910200	01910300	01910000	01910100				
B-12	01920200	01920300	01920000	01920100				
B-15	01930200	01930300	01930000	01930100				
CB-100 PLUS	01910200	01910300						
CB-250 PLUS	01910200	019220200	01910300	01920300				
DUCT IN LINE 100/130	01910200	01910300						01142001
DUCT IN LINE 100/270	01910200	01910300						01142001
DUCT IN LINE 125/320	01920200	01920300						01142001
DUCT IN LINE 150/560	01930200	01930300						01142001
DUCT IN LINE 200/910								01142001
MT-100	01910200	01910300					01991000	
MT-125	01920200	01920300					01992000	
MT-150	01930200	01930300						
LHV-160		01560160						
LHV-190		01560190						
LHV-225		01560225						
LHV-300		01560300						

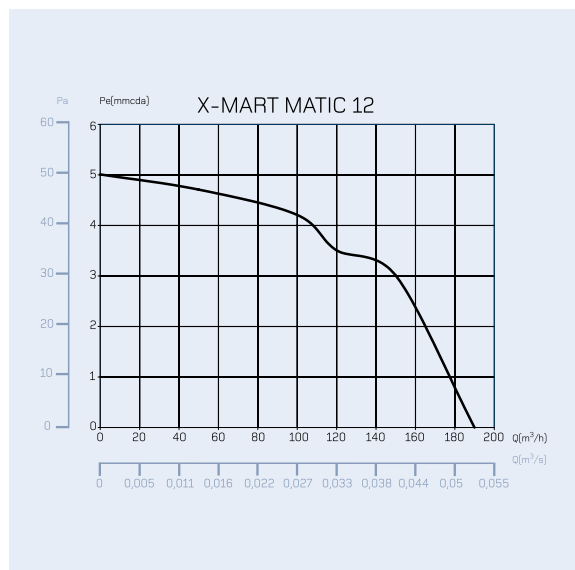
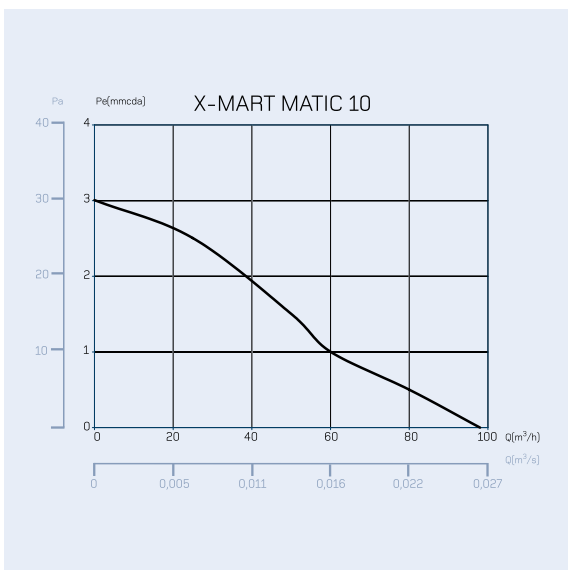
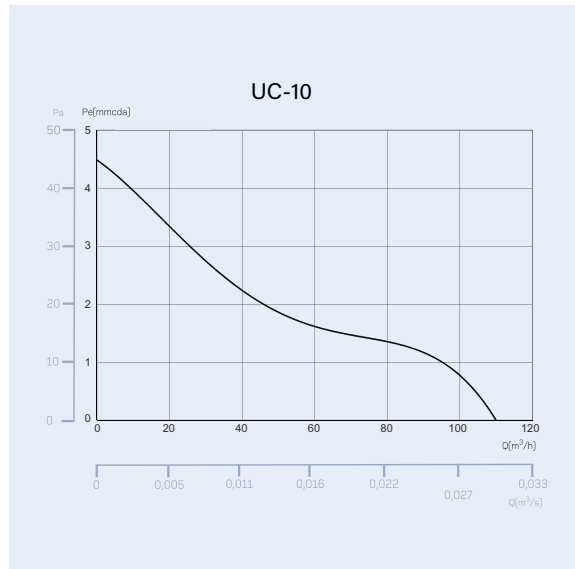
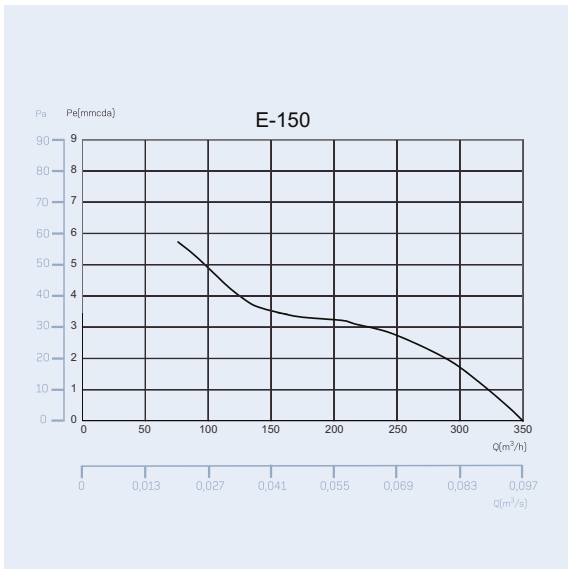
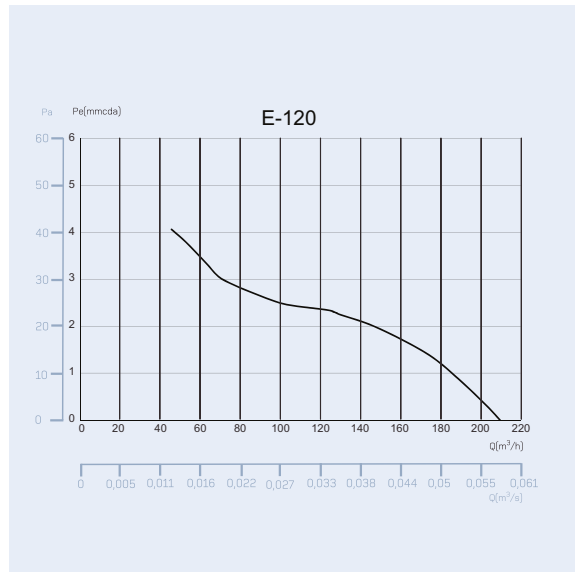
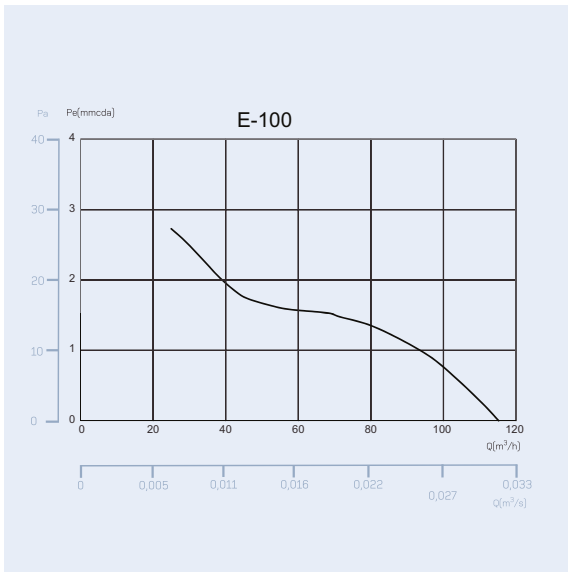
KITCHEN EXTRACTION ACCESSORIES - Metallic Filters, DUAL Filters (washables metallic+ active charcoal filters), Active Charcoal Filters and Speed Control

COD	EAN	Accessories	Model
01140700	8422248001007	Metallic Filter Professional 750	PROFESSIONAL 750 / PROFESIONAL 750 L
01140801	8422248078504	Metallic Filter Professional 500	PROFESSIONAL 500
01100000	8422248016704	Metallic Filter 600 PLUS	600 PLUS
01140800	8422248072731	DUAL Filer PROFESSIONAL 500	PROFESSIONAL 500
01141051	8422248075459	SPEED CONTROL	GS 600 2V

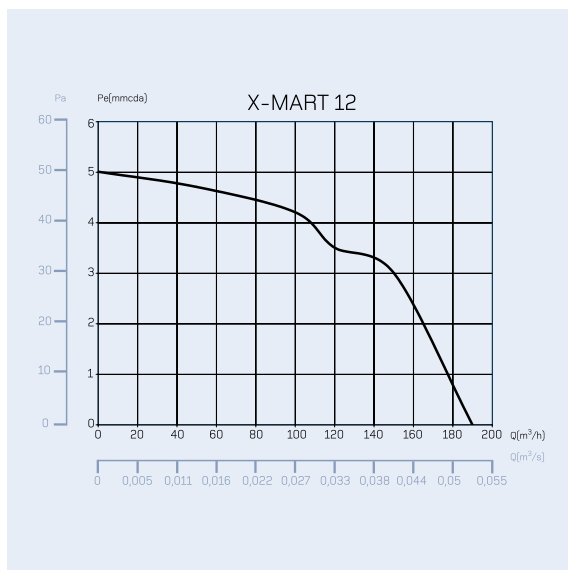
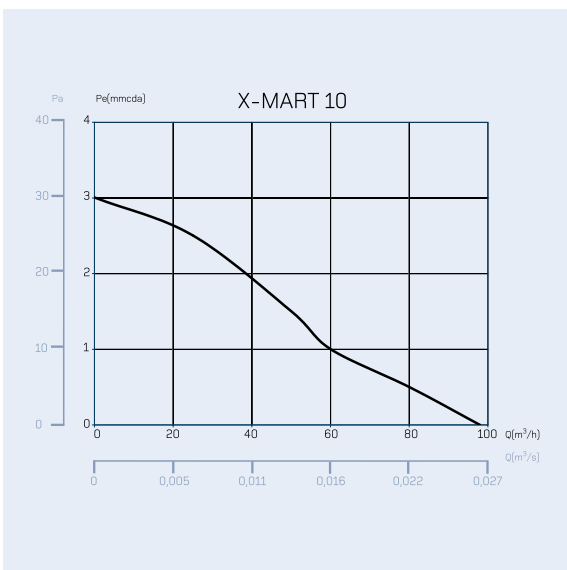
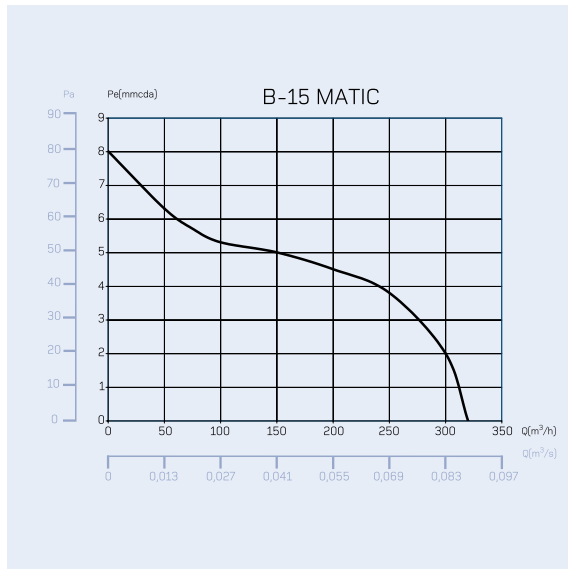
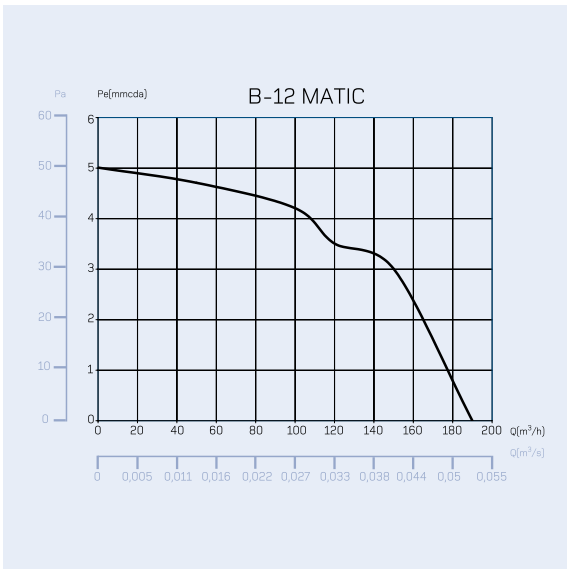
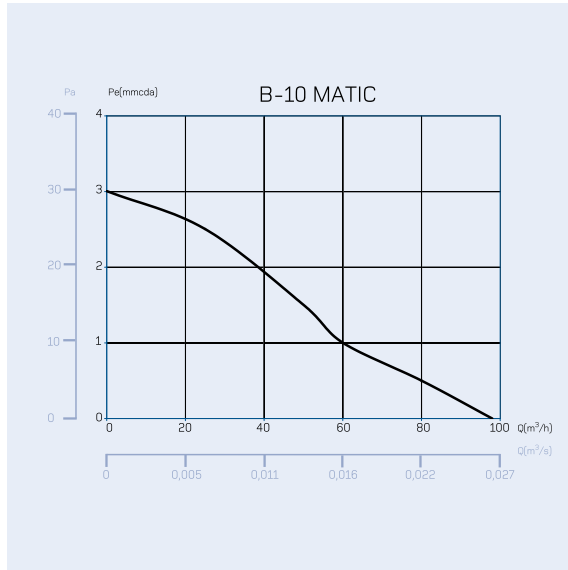
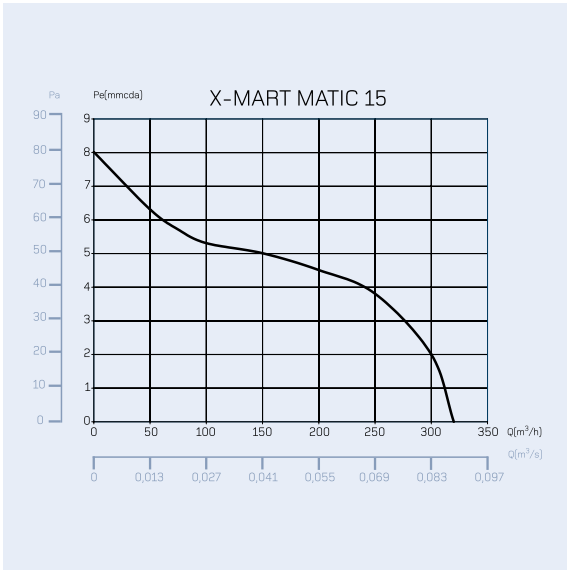
PERFORMANCE CURVES



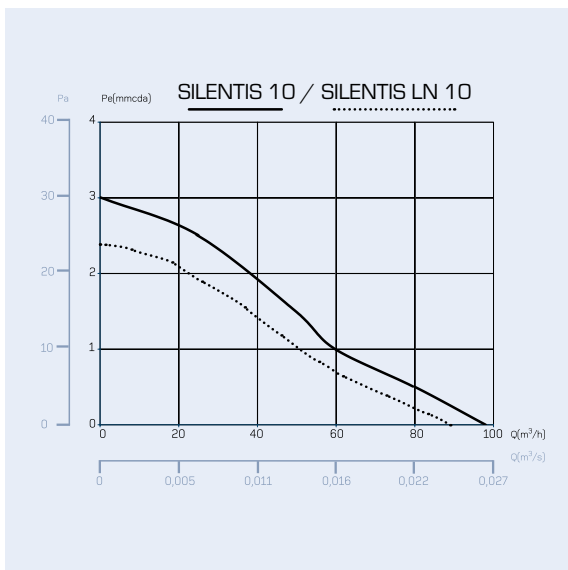
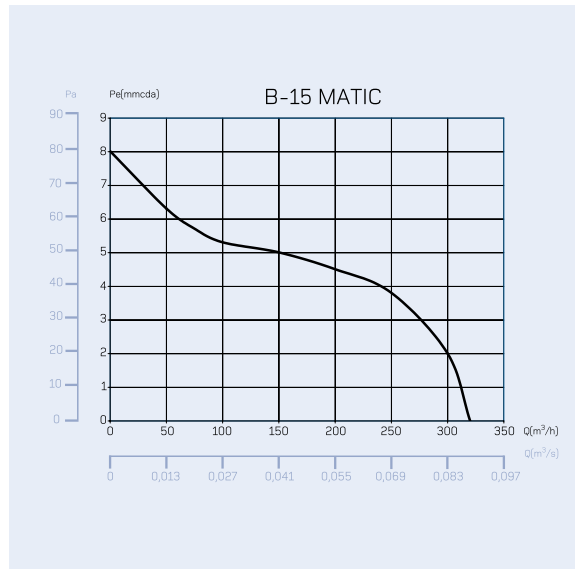
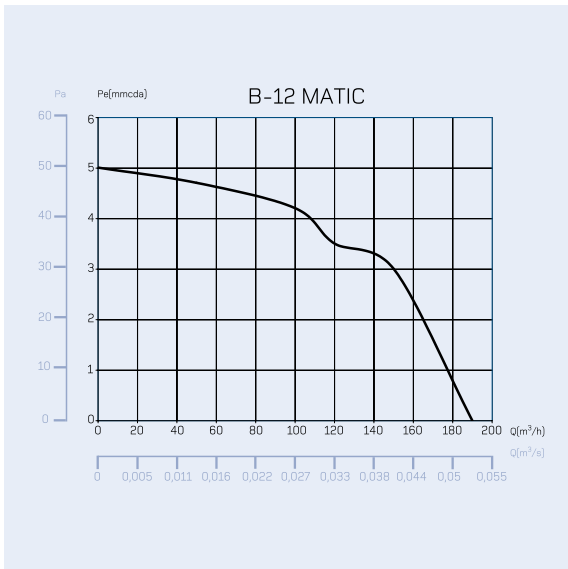
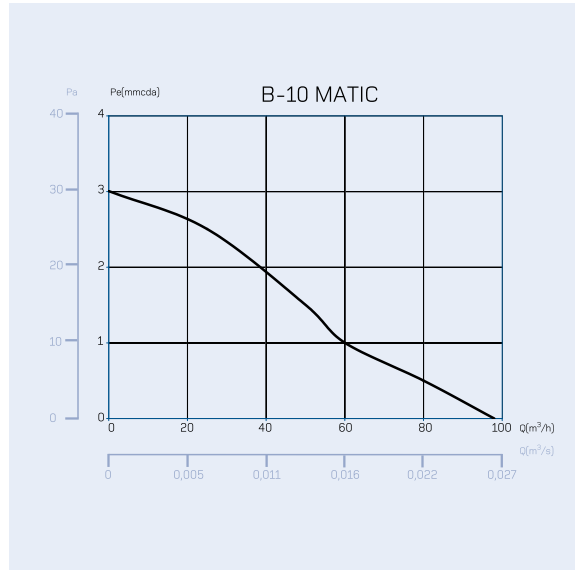
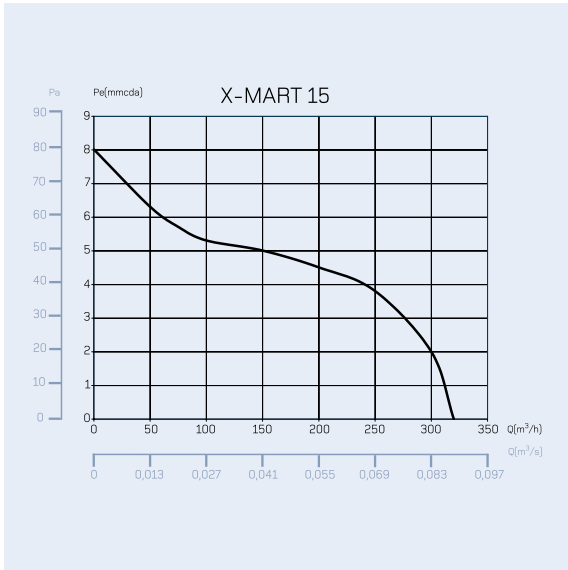
PERFORMANCE CURVES



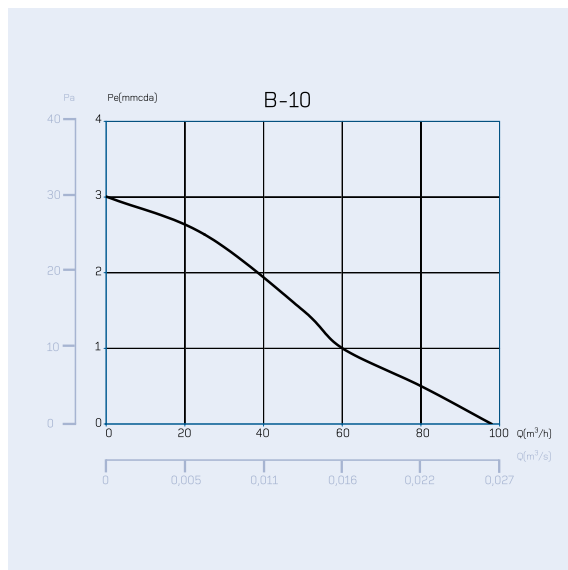
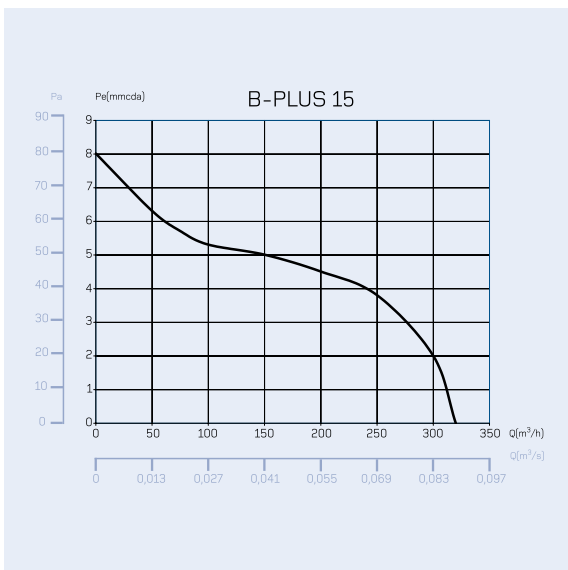
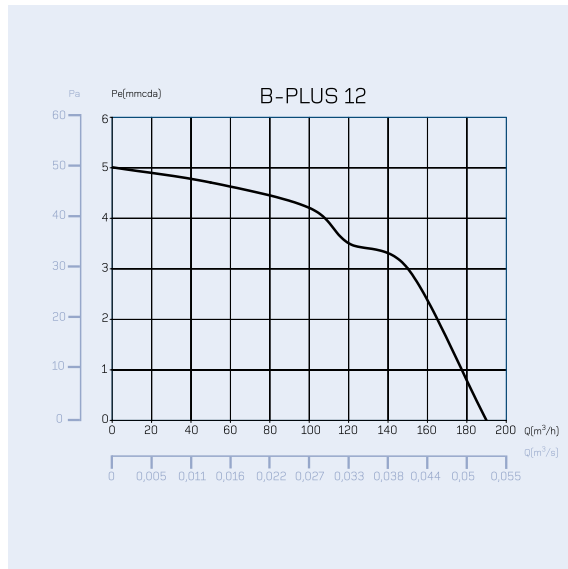
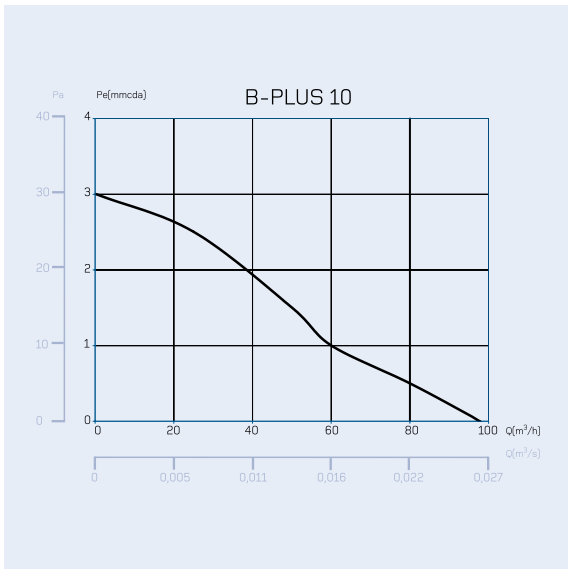
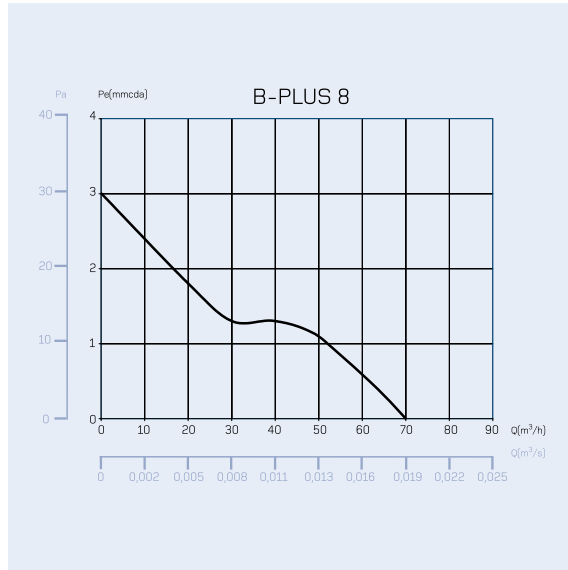
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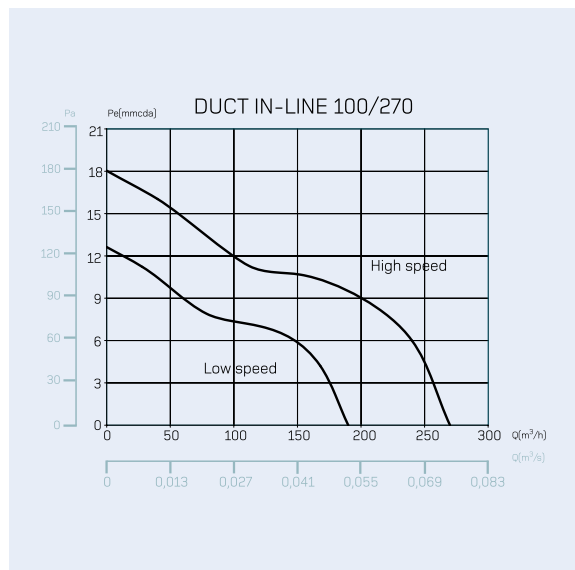
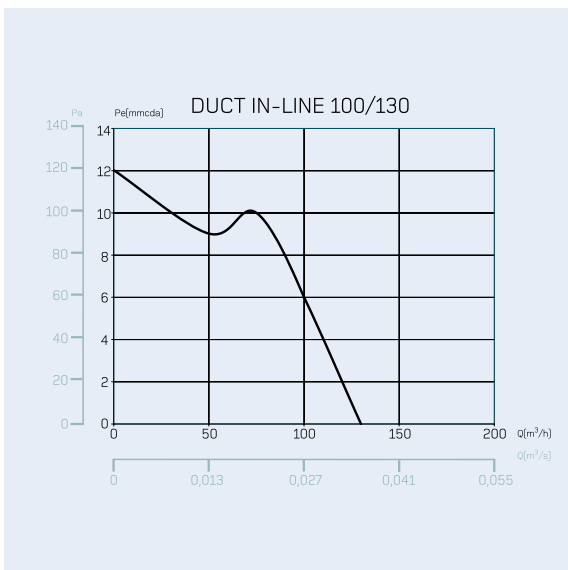
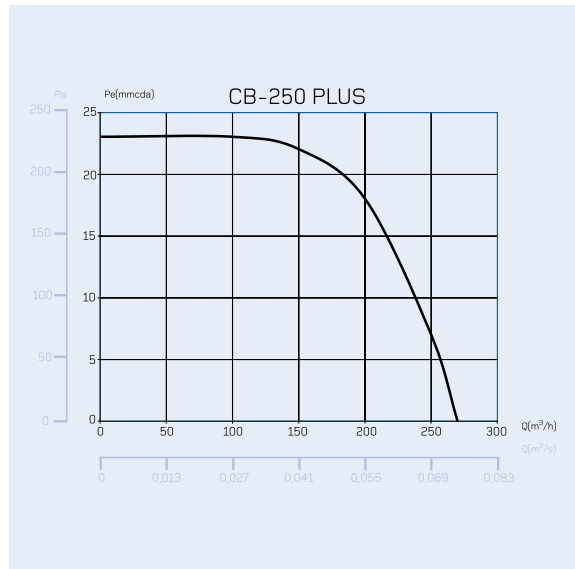
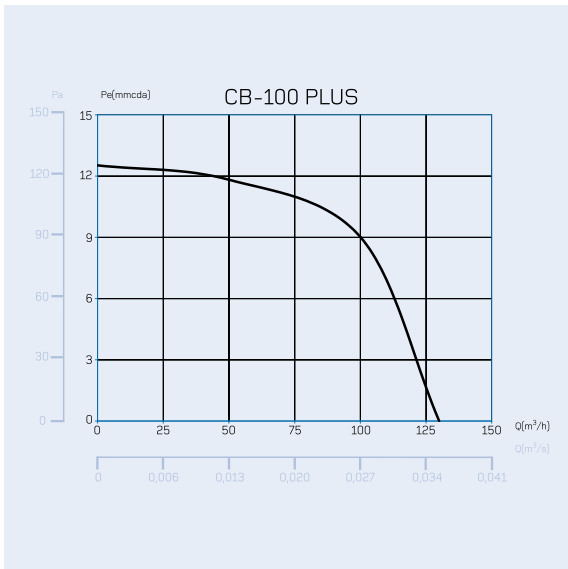
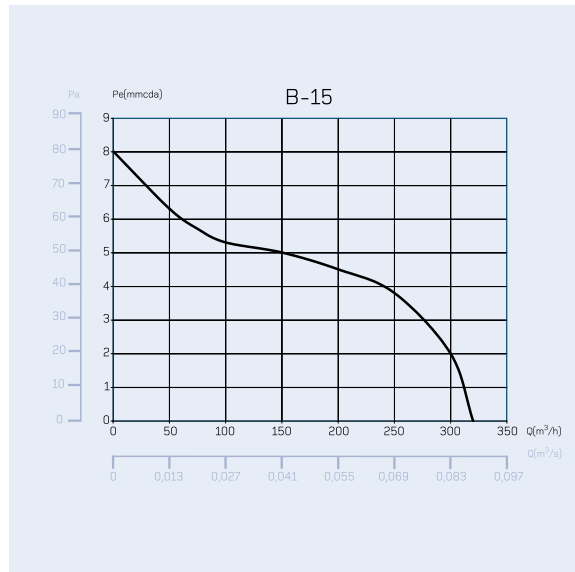
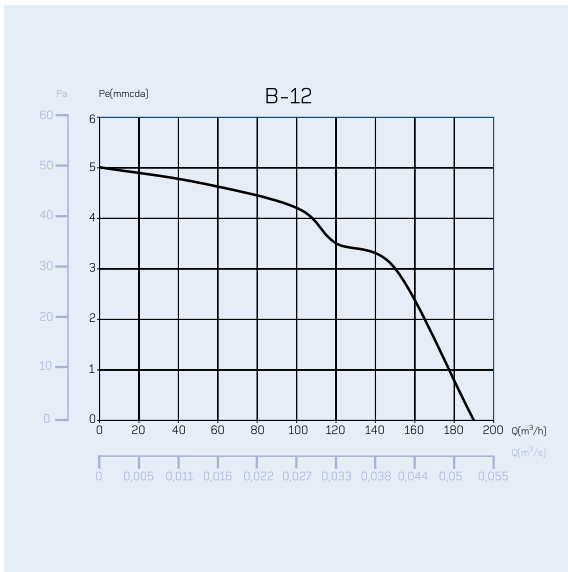
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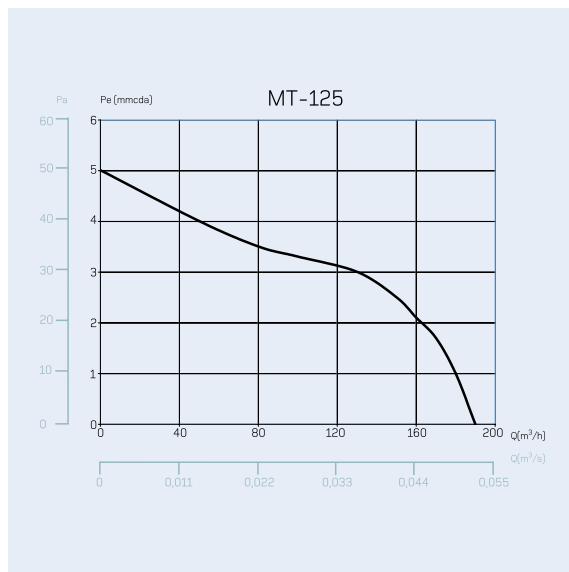
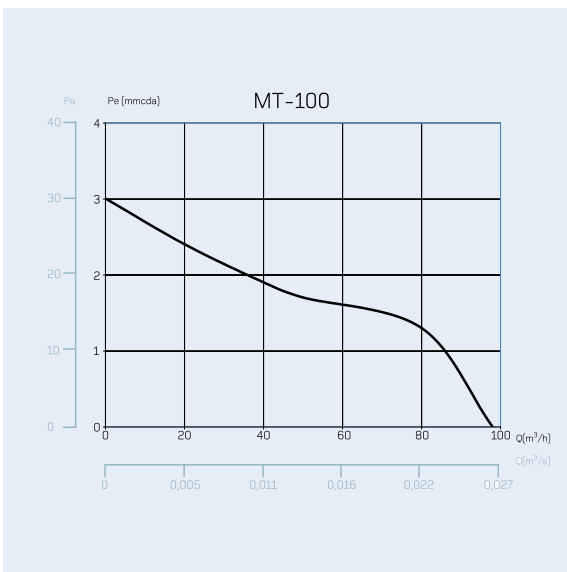
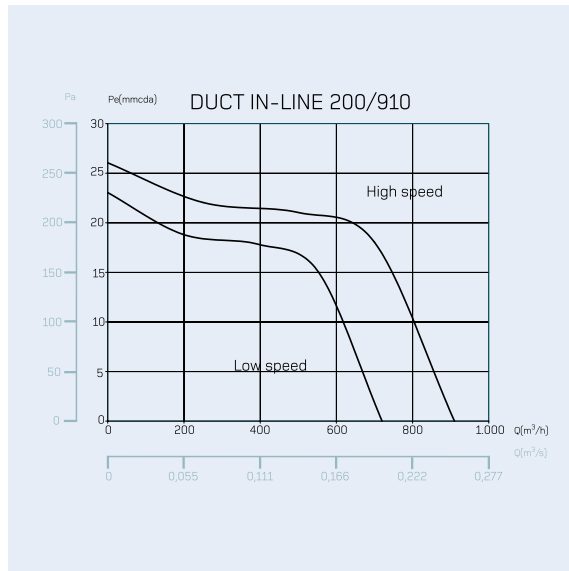
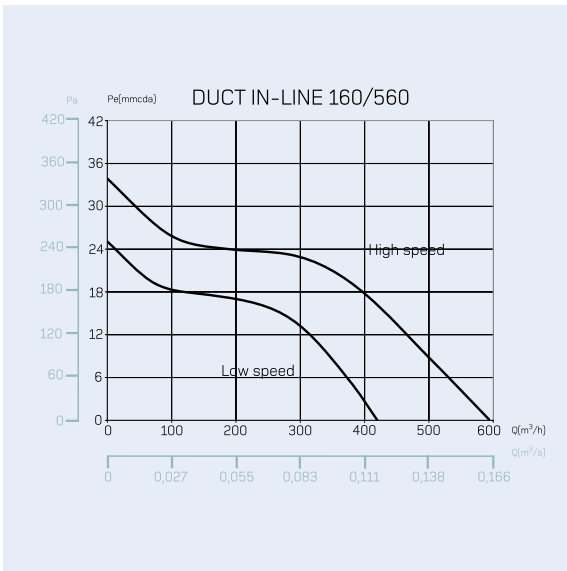
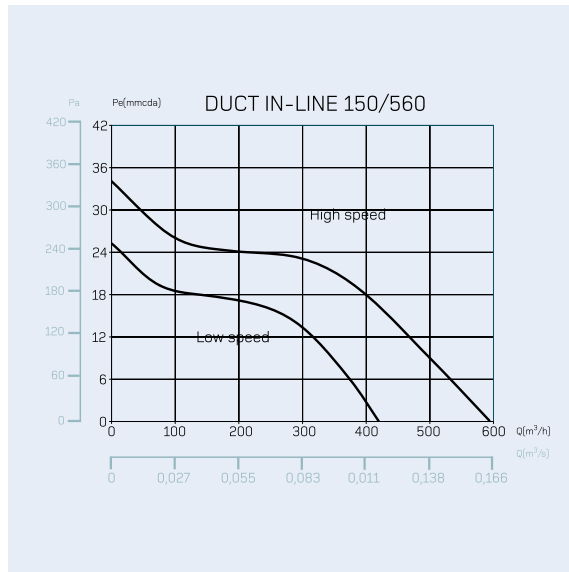
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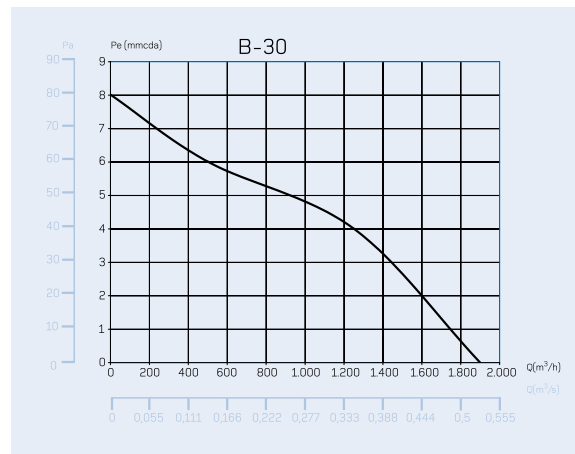
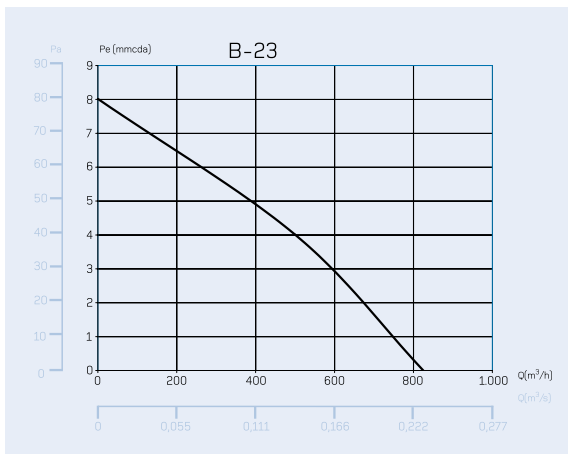
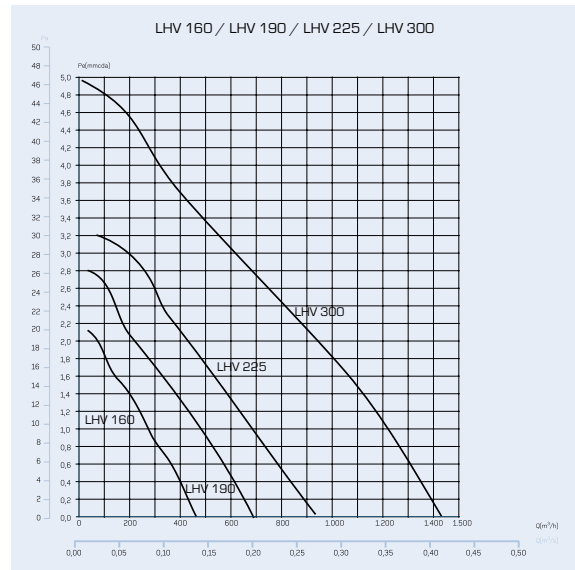
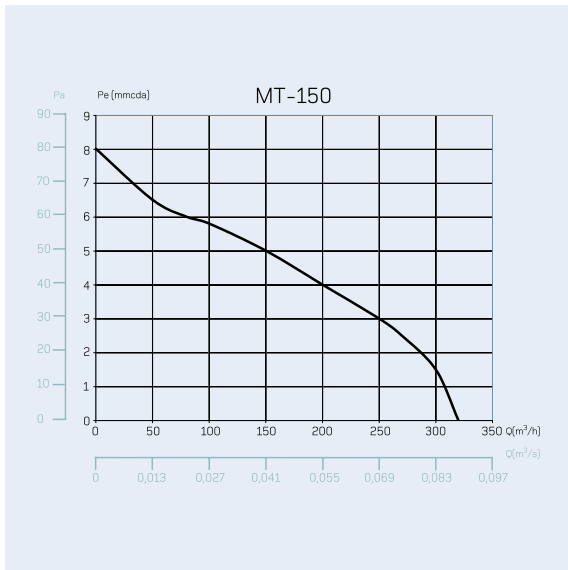
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