

Model	A	B	C	D	ØE
TEMPERO ECO 100 CERAM	215	215	83	80,5	100
TEMPERO ECO 150 CERAM	215	215	83	80,5	160



TEMPERO ECO CERAM

HEAT RECOVERY FOR SINGLE ROOM INSTALLATION

- Aerator with heat recovery with efficiency up to 90%;
- Ideal for domestic applications and suitable for single room installation;
- Long life and high quality materials with an elegant design;
- Equipped with automatic shutter which prevents undesired external entry while turned off;
- Ceramic heat exchanger with performance up to 93%;
- Silent running;
- Condensation drainage is not necessary;
- Brushless motor, high performance, low energy consumption;
- Equipped with filters dustproof for inlet and outlet;
- Easy cleaning and maintenance;
- Possible to move ON/OFF and speed selection switches on the wall;
- For ducts 100 and 160 mm;
- Adjustable duct, from a 250 to 400 mm length. Maximum length of the duct is 3 m (2,5 m in case of 90° curve);
- Indicator light for functions;
- Adjustable speed in terms of air flow through dedicated accessories: remote control or remote panel (optional);
- Available in 3 versions: CERAM (base version) - CERAM ACTIVE (wiring connection) - CERAM WIRELESS (wireless connection).

POSITIONING

Tempero Eco Ceram has been projected to be installed in the main premises of the house (living room, bedroom,...). Eco Ceram base version can be installed as one unit even if the highest efficiency can be reached by installing two units. By selecting Eco Ceram Active and/or Eco Ceram Wireless versions in fact, thanks to the technology of synchronization, two or more products communicating each others can be installed.

TECHNICAL DATA

Model	Code	Ø Hole (mm)	Voltage (Volt)	Frequency (Hz)	Flow rate "IN" (m³/h)	Flow rate "OUT" (m³/h)	Max press. (mm H₂O)	Max press. (Pa)	Power (W)	Noisiness dB(A) _{1m}	Weight (Kg)
TEMPERO ECO 100 CERAM BASE	0010100	100	220-240	50	30	30	3,5	34	7,9	23	3,5
TEMPERO ECO 100 CERAM ACTIVE	0010110	100	220-240	50	30	30	3,5	34	7,9	23	3,5
TEMPERO ECO 100 CERAM WIRELESS	0010130	100	220-240	50	30	30	3,5	34	7,9	23	3,5
TEMPERO ECO 150 CERAM BASE	0010200	160	220-240	50	60	60	3,1	31	8,9	24	4,3
TEMPERO ECO 150 CERAM ACTIVE	0010210	160	220-240	50	60	60	3,1	31	8,9	24	4,3
TEMPERO ECO 150 CERAM WIRELESS	0010230	160	220-240	50	60	60	3,1	31	8,9	24	4,3

CONTROL INSTRUMENTS (necessary for Active and Wireless versions, one for each system, to run all functions)

Model	Code	Type	Suitable for series
INFRA TEC	0010320	Telecomando	Tempero Eco 100 o 150 Ceram Active
INFRA TECWL	0010330	Telecomando	Tempero Eco 100 o 150 Ceram Wireless
PR ACTIVE 100	0010341	Pannello remoto	Tempero Eco 100 Ceram Active
PR WIRELESS 100	0010381	Pannello remoto	Tempero Eco 100 Ceram Wireless
PR CO ₂ ACTIVE 100	0010301	Pannello remoto	Tempero Eco 100 Ceram Active
PR CO ₂ WIRELESS 100	0010311	Pannello remoto	Tempero Eco 100 Ceram Wireless
PR ACTIVE 150	0010340	Pannello remoto	Tempero Eco 150 Ceram Active
PR WIRELESS 150	0010380	Pannello remoto	Tempero Eco 150 Ceram Wireless
PR CO ₂ ACTIVE 150	0010300	Pannello remoto	Tempero Eco 150 Ceram Active
PR CO ₂ WIRELESS 150	0010310	Pannello remoto	Tempero Eco 150 Ceram Wireless

ACCESSORIES

Model	Code	Suitable for series
TUBO 100-400 mm	0010390	Tempero Eco 100 Ceram
TUBO 100-700 mm	0010391	Tempero Eco 100 Ceram
TUBO 160-400 mm	0010370	Tempero Eco 150 Ceram
TUBO 160-700 mm	0010371	Tempero Eco 150 Ceram
FILTRI CERAM 100 (4 pz)	0010351	Tempero Eco 100 Ceram
FILTRI CERAM 150 (4 pz)	0010350	Tempero Eco 150 Ceram

FURTHER DETAILS

Tempero Eco Ceram available versions:

Base version's main technical features

- Internal Automatic shutter;
- ON/OFF switch and 2 speed switch (possible to control by remote);
- Indicator light for functions.

Active version's main technical features

- Internal Automatic shutter
- ON/OFF switch (possible to control by remote);
- Surveillance function (sleep mode);
- Humidistat function;
- Operating indicator light for functions/filter cleaning;
- 3 Speed selection through remote control or remote panel (optional);
- Up to 16 units communicating in sequence, through cable connection.

Wireless version's main technical features:

- Internal Automatic shutter;
- ON/OFF switch (possible to control by remote);
- Surveillance function (sleep mode);
- Humidistat function;
- Operating indicator light for functions/filter cleaning;
- 5 Speed selection through remote control or remote panel (optional);
- Up to 16 units communicating in sequence, without any additional cable connection.

FLOW RATE AND POWER VALUES

Model	I° SPEED		II° SPEED		III° SPEED		IV° SPEED		V° SPEED	
	flow rate m³/h	power W	flow rate m³/h	power W	flow rate m³/h	power W	flow rate m³/h	power W	flow rate m³/h	power W
TEMPERO ECO 100 CERAM BASE	15	3,9	30	7,9	-	-	-	-	-	-
TEMPERO ECO 100 CERAM ACTIVE	15	3,9	22,5	5,9	30	7,9	-	-	-	-
TEMPERO ECO 100 CERAM WIRELESS	15	3,9	18,5	4,9	22,5	5,9	26,5	6,9	30	7,9

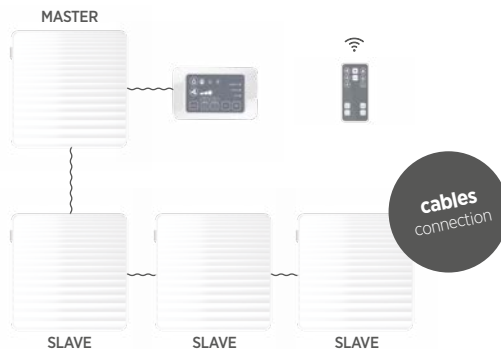
Model	I° SPEED		II° SPEED		III° SPEED		IV° SPEED		V° SPEED	
	flow rate m³/h	power W	flow rate m³/h	power W	flow rate m³/h	power W	flow rate m³/h	power W	flow rate m³/h	power W
TEMPERO ECO 150 CERAM BASE	30	4,9	60	8,9	-	-	-	-	-	-
TEMPERO ECO 150 CERAM ACTIVE	30	4,9	45	6,9	60	8,9	-	-	-	-
TEMPERO ECO 150 CERAM WIRELESS	30	4,9	37,5	5,9	45	6,9	52,5	7,9	60	8,9

FUNCTIONING SCHEMES

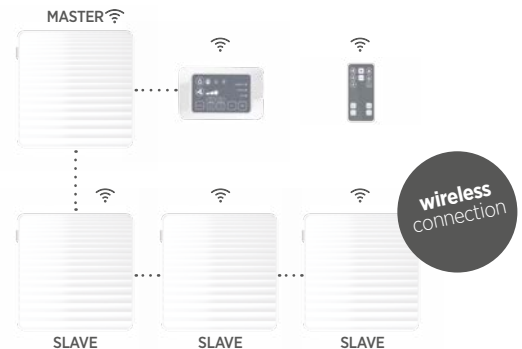
Base Version



Active Version



Wireless Version



IN EVIDENCE

EASY MAINTENANCE

The product has been properly designed to be easily inspected and cleaned for maintenance.

EASY CLEANING

By disassembling every single component of the product, the cleaning operations are fast and practical: simply washing all the components (filter, impeller, etc) except the electronic parts, and cleaning the cover and back grille, the product will be periodically inspected.

DUCT LENGTH CUSTOMIZATION

Due to various wall sizes in terms of thickness, a versatile and adjustable duct in length is useful for the installation: it is possible to shorten the duct from its maximum length (40 cm.) as required.