

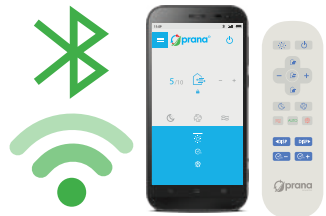
HOW DOES THE RECUPERATOR WORK?

Recuperator is a decentralized mechanical ventilation system with power supply. Inside the working module, air moves in different directions: the exhaust warm air passes through a copper heat exchanger, transferring thermal energy to the oncoming fresh air flow.

The ventilation system based on copper heat exchanger provides a stable high Output - Input ratio of up to 98 % (energy saving class A), which guarantees a high level of energy saving. The recuperator is aimed at normalizing the humidity level and ensuring a healthy indoor climate, which significantly reduces the likelihood of fungus and mold development and prevents windows from fogging up.

The recuperator is recommended for use in residential and administrative premises: apartments, private homes, cottages, offices, classrooms, infant schools, early childhood development centers, and medical centers.

CONTROL SYSTEM OF RECUPATORS



management of all systems possible from the application or the remote control



INNOVATIVE SERIES OF VENTILATION SYSTEMS

- Unique patented ventilation technology based on copper heat exchanger.
- Separate control of input and extract.
- Smart control (Prana ONLINE mobile app, remote control). AUTO mode is autonomous control of the operation of the ventilation system.
- Creating and maintaining a safe and healthy indoor air environment.
- An energy saving ventilation solution for premises of any purpose: residential, administrative and educational.
- Fine purification and natural disinfection of input air to preserve the health of users.



SUPPLY AND EXHAUST VENTILATION SYSTEM WITH HEAT RECOVERY

- DOMESTIC SERIES



MODEL RANGE M23 SUPPLY AND EXHAUST VENTILATION SYSTEMS PRANA



SYSTEM CONFIGURATION

PRANA-160, PRANA-210G, PRANA-210C recuperators are popular decentralized ventilation systems based on copper heat exchanger. Recuperators proved to be good in the field of ventilation of residential, educational, office, administrative, industrial premises.

The new generation of recuperators – the PRANA ERP and the PRANA ERP PRO series – supplemented the range of ventilation systems with a number of useful options: temperature, humidity sensors, atmospheric pressure sensor, CO₂eq sensor, air quality sensor, TVOC. The air condition information is immediately sent to the control card and determines the optimum operation mode of the recuperator in the Auto mode.

MAIN FEATURES OF THE RECUPERATOR

| | |
|--|---|
| COMPACT SIZES | SILENT NIGHT MODE |
| COPPER HEAT EXCHANGER | EASY CONTROL. REMOTE CONTROL AND MOBILE APPLICATION |
| EFFICIENCY IS UP TO 98% | ECONOMY: POWER CONSUMPTION FROM 3,2 W PER HOUR |
| NATURAL FRESHNESS IN THE ROOM. STABILIZATION OF INTERNAL ENVIRONMENT | AVAILABILITY AND EASE OF MAINTENANCE |
| QUICK AND EASY INSTALLATION WITHOUT DAMAGING THE INTERIOR | QUALITY SERVICE |

PRANA-160 M23

- STANDARD
- ERP
- ERP PRO

| | |
|-----------------------------------|-------|
| Diameter of the mounting hole, mm | ≥ 162 |
| Length of the working module, mm | ≥ 450 |

| | |
|--------------------------------|----------|
| Ventilation consumption**, W·h | from 3,2 |
| Full consumption***, W·h | 74 |

| | |
|---------------------------------|-------------------|
| Noise 3m (Lpa3m), dBA | from 8 |
| Air exchange, m ³ /h | 5/14/21/32/52/70* |

| | |
|---------------|----------|
| Efficiency, % | up to 98 |
|---------------|----------|

Tested by an independent testing laboratory IMQ S.P.A. according to EN 13141-8:2014

PRANA-210G M23

- STANDARD
- ERP
- ERP PRO

| | |
|-----------------------------------|-------|
| Diameter of the mounting hole, mm | ≥ 220 |
| Length of the working module, mm | ≥ 440 |

| | |
|--------------------------------|----------|
| Ventilation consumption**, W·h | from 3,2 |
| Full consumption***, W·h | 74 |

| | |
|---------------------------------|-------------------|
| Noise 3m (Lpa3m), dBA | from 8 |
| Air exchange, m ³ /h | 5/20/28/38/65/85* |

| | |
|---------------|----------|
| Efficiency, % | up to 97 |
|---------------|----------|

Tested by an independent testing laboratory IMQ S.P.A. according to EN 13141-8:2014

PRANA-210C M23

- STANDARD
- ERP
- ERP PRO

| | |
|-----------------------------------|-------|
| Diameter of the mounting hole, mm | ≥ 220 |
| Length of the working module, mm | ≥ 490 |

| | |
|--------------------------------|----------|
| Ventilation consumption**, W·h | from 3,2 |
| Full consumption***, W·h | 91 |

| | |
|---------------------------------|--------------------|
| Noise 3m (Lpa3m), dBA | from 8 |
| Air exchange, m ³ /h | 6/25/35/48/90/140* |

| | |
|---------------|----------|
| Efficiency, % | up to 92 |
|---------------|----------|

Tested by an independent testing laboratory IMQ S.P.A. according to EN 13141-8:2014

*Boost mode, an unregulated mode, is not recommended for continuous use.
 **Electrical power consumption of the fan motor, including any equipment to control the including any motor control equipment.
 ***Total consumption of the appliance as standard.

| SYSTEM CONFIGURATION | STANDARD | ERP | ERP PRO |
|---|----------|-----|---------|
| Individual motor control | + | + | + |
| Air humidity sensor | - | + | + |
| Filter checkup | - | + | + |
| Date and time | + | + | + |
| Sleep timer | + | + | + |
| Support Bluetooth, WI-FI | + | + | + |
| Atmospheric pressure sensor | - | + | + |
| AUTO, AUTO PLUS mode | - | + | + |
| Sensor CO ₂ eq | - | - | + |
| Efficiency coefficient | - | - | + |
| Air quality sensor, TVOC | - | - | + |
| 1 - Exhaust air temperature before recuperation, °C | - | + | + |
| 2 - Inflow air temperature after recuperation, °C | - | + | + |
| 3 - Inflow air temperature before recuperation, °C | + | - | + |
| Function "Mini heating up" | + | + | + |
| Function "Winter mode" | + | + | + |