

INSTALLATION AND EMPLACEMENT OF DOMESTIC SERIES



1

DRILL A HOLE OF THE REQUIRED DIAMETER USING A DIAMOND DRILL.



2

INSTALL THE PRANA RECUPERATOR IN THE OPENING BY MEANS OF THE MOUNTING FOAM OR SEALANT.



3

RECUPERATOR PRANA IS READY FOR USE.

It takes specialists up to 2 hours to install the air recuperator without damaging the repair. If the operating module is meant for in-wall installation, a through opening of corresponding diameter inclined 3-5 degrees towards the street should be drilled on the upper part of the wall bordering the street. The operating module should be installed in the opening by means of mounting foam or other sealant.

INSTALLATION OF INDUSTRIAL SERIES



The ventilation modules of the industrial series meant for free placement indoors are mounted to the load-bearing surface using collars or hangers. The supply and exhaust air ducts are connected to the ventilation system subject to the ventilation system design.

OUR ACHIEVEMENTS:



The company received a Climate Innovation Voucher from the European Bank for Reconstruction and Development (EBRD)



PRANA recuperators are the most popular recuperators purchased by customers under the IQ Energy program



The company received a Special Climate Innovation Award from the European Bank for Reconstruction and Development (EBRD)

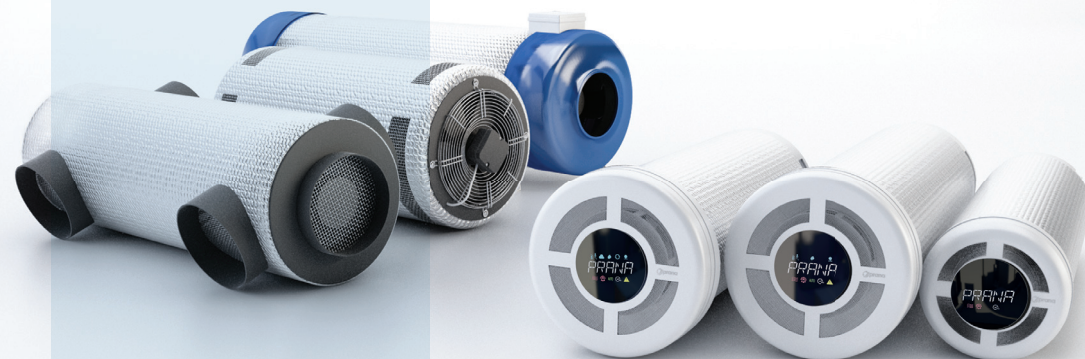


PRANA recuperators have been awarded the best innovative products in the direction of Ventilation at the international exhibition BUDMA for 2 years in a row

For detailed instructions recuperator operation, please refer to your smartphone



www.prana.org.ua



SUPPLY AND EXHAUST VENTILATION SYSTEM WITH HEAT RECOVERY



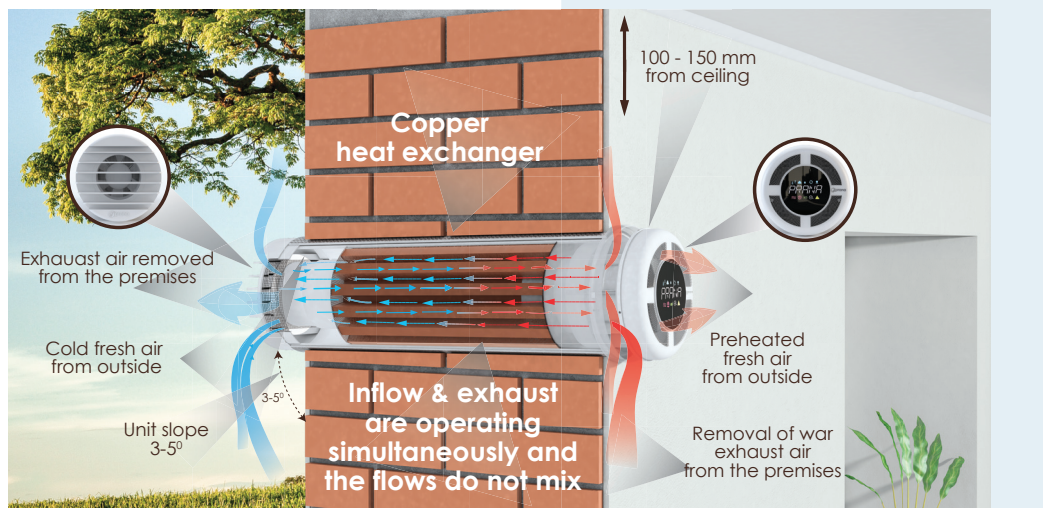
Author and producer of a number of state-of-the-art technologies in the field of energy saving.

Integrated energy saving ventilation solutions have been saving money and making life comfortable for you for 15 years under the trade mark PRANA across the continents.

Today the company PRANA produces the fourth generation of air recuperators based on copper heat exchanger.

Engineers can use a climatic laboratory which allows developing and introducing new time-tested models to the market.

- **Compact dimensions.**
The length is adjustable depending on the wall thickness.
- **COPPER HEAT EXCHANGER**
- **Output-Input ratio up to 96 %**
- **Speed and ease of installation.**
- **Absence of consumable materials:**
The system has no items that need periodic replacement.
- **Convenient and simple control system:**
remote control, dimmer (resistor), PRC mobile application.
- **The warranty period is 2 years.**
- **Availability and ease of maintenance:**
The system is a monoblock and does not require operation costs.
- **Economy:**
Power consumption from 4 W per hour to 310 W per hour (depending on the model).



The engineering solution for heat recovery ventilation is based on a direct-flow copper heat exchanger with continuous heat cycle, which creates two air flows in different directions in the volume of a single cylinder.

High velocity stream at sufficient heat-exchange efficiency provides removal of up to 96 % of dispersed condensed moisture, preventing the freezing of the heat exchanger at low ambient temperatures.

The operation cycle of the recuperator is as follows: when the system is operated at extract warm air that is removed from the room, passing through the heat exchanger it transmits its heat.

At the same time, the incoming air flow (at the input) heats up taking away this heat.

The system allows recovering the heat, which helps to raise the overall recovery coefficient and to maintain the optimum humidity in the room. Since the air flows are separated and adjusted at the input – output, they do not mix.

Product name	Flow rate, m ³ /hour				Working module housing diameter, mm	Recommended floor area		Consumption, Wh	%*
	Natural	Inflow	Exhaus	Night		m ²	Pressure, Pa		
A⁺ DOMESTIC SERIES									
Prana 150	7-8	105	97	12	150	60	—	4-68	95
Prana 200G	3-5	108	100	12	200	60	—	4-68	96
Prana 150 ERP	7-8	105	97	12	150	60	—	4-68	95
Prana 200G ERP	3-5	108	100	12	200	60	—	4-68	96
Prana 150 ERP PRO	7-8	105	97	12	150	60	—	4-68	95
Prana 200G ERP PRO	3-5	108	100	12	200	60	—	4-68	96
A⁺ SEMI-INDUSTRIAL SERIES									
Prana 200C	9-15	185	177	21	200	120	—	4-91	93
Prana 200C ERP	9-15	185	177	21	200	120	—	4-91	93
Prana 200C ERP PRO	9-15	185	177	21	200	120	—	4-91	93
A INDUSTRIAL SERIES									
Prana 250	17-27	650	610	80	250	—	ΣΔp350Pa	20-120	74-51
Prana 340S	15-20	1100	1020	110	340	—	ΣΔp350Pa	80-310	78-48

* Efficiency, %