

Model	A	B	ØC	D	E	F	G
TEMPERO ECO HV 950	1250	136	250	610	30	580	1250
TEMPERO ECO HV 2400	1550	201	355	680	30	730	1550
TEMPERO ECO HV 3200	1800	138	400	830	40	840	1800

TEMPERO ECO HV E BP

CENTRALIZED HEAT RECOVERY UNIT



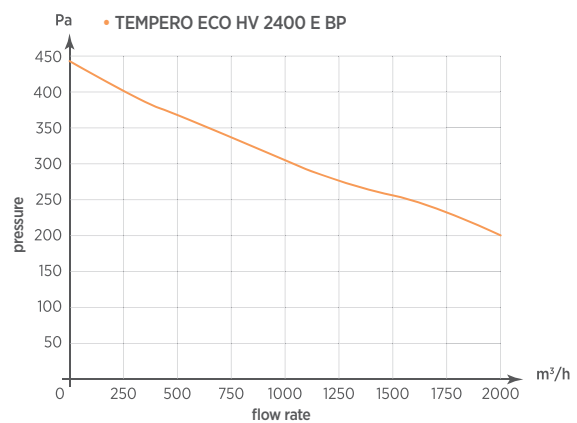
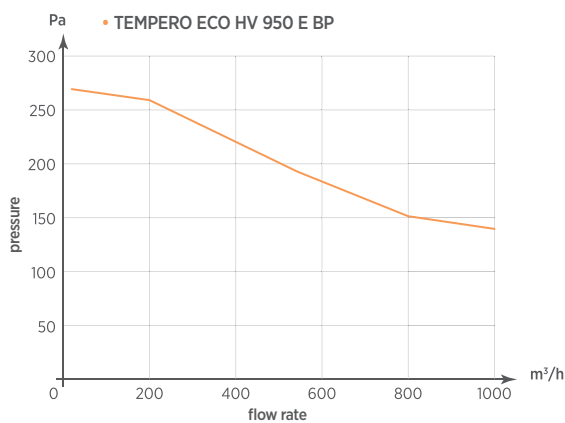
- Heat Recovery Unit with cross flow heat exchanger for HORIZONTAL installation;
- High thermal efficiency: heat exchanger > 70%;
- Double inlet centrifugal fans, motor directly coupled at low energy consumption;
- Equipped with 2 synthetic fiber class G4 filters both for inlet and outlet;
- Suitable for installation in tertiary/commercial sector or for collective

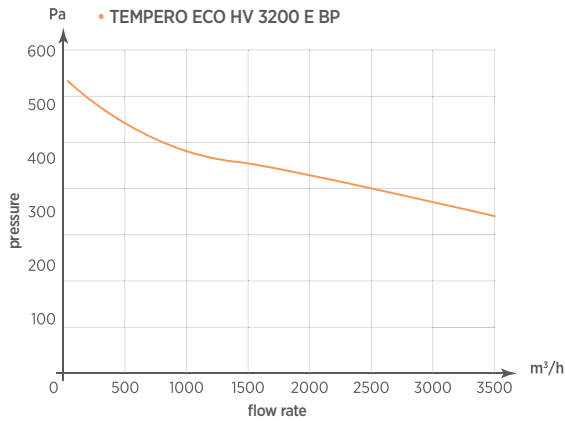
- centralized systems;
- Equipped with a drain for condensation drainage;
- Equipped with automatic BY-PASS;
- Adjustable speed: through RG HV controller, by 3 intensity levels ;
- I insulation class;
- In Compliance with ERP 2016 Directive.

TECHNICAL DATA

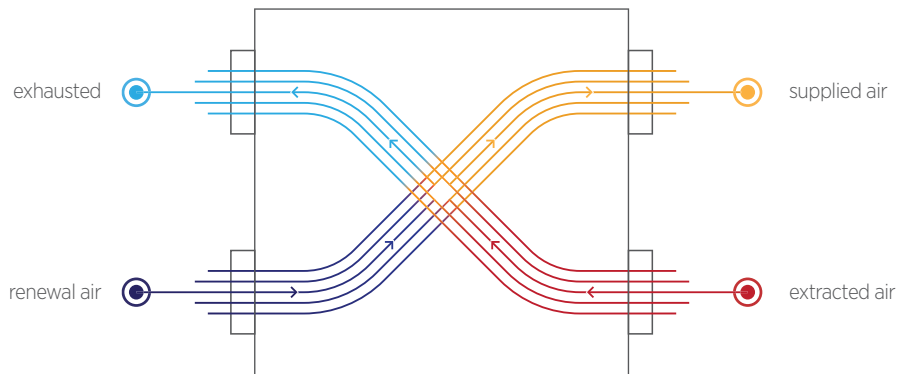
Model	Code	Ø tubes (mm)	Voltage (Volt)	Frequency (Hz)	Flow rate (m³/h)	Useful capacity utile (mm H ₂ O)	Useful capacity utile (Pa)	Power (W)	Nom. Curr. (A)	Noisiness dB(A) _{1m}	Weight (Kg)
TEMPERO ECO HV 950 E BP	0069032	250	230	50	1000	14,3	140	300	4,2	35,5	150
TEMPERO ECO HV 2400 E BP	0069052	355	230	50	2000	20,4	200	750	5,6	43,5	170
TEMPERO ECO HV 3200 E BP	0069062	400	230	50	3500	34,7	340	1500	16	45,5	270

FLOW CHARTS

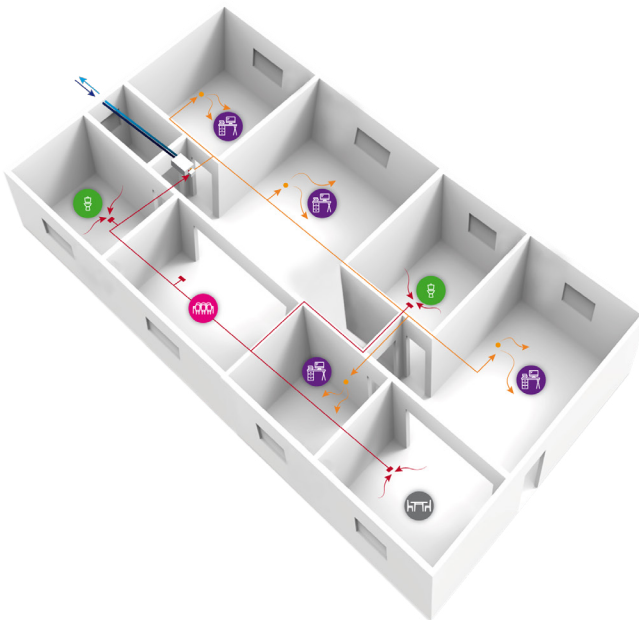




FLUX SCHEME



INSTALLATION EXAMPLE



The “foul” air is extracted from the so-called “technical” premises of the house (bathroom, kitchen...) and through suitable ducts connected to the plenum where the heat reaches the TEMPERO ECO HV recovery unit where the heat exchange occurs by mixing with the fresh air, before being exhausted.

The fresh air, in fact, is introduced from the outside directly from Tempero where it is filtered, crosses the heat exchanger and after reaching the Plenum, it is directed towards the “noble” premises (living room, bedrooms...)

IN EVIDENCE

MAXIMUM INSTALLATION COMFORT

TEMPERO ECO HV E BP series is particularly suitable for installation in tertiary/commercial sector or for collective centralized systems. It can be easily installed in horizontal position, in technical rooms.

70% MAXIMUM EFFICIENCY

TEMPERO ECO HV E BP allows to achieve a high degree of efficiency in terms of energy recovery, thanks to a cross flow heat exchanger: when outside temperature is -2°C and an internal temperature is 21°C , the air blown into the room will be around 14°C .

E BP (BY-PASS) VERSION

When recovering the heat of the extracted air is not convenient, for example in summer, the By-Pass allows to use TEMPERO ECO HV E BP thus avoiding the extracted air to cross the heat exchanger.

FILTERS WITH A HIGH DEGREE OF FILTRATION

Both the fresh and the extracted air are filtered through synthetic fiber class G4 filters.

Two synthetic fiber class G4 filters, guarantee a high degree of filtration both on the incoming fresh air and the extracted air.

EVERYTHING UNDER CONTROL

RG HV controller allows to manually select the speed, through 3 different intensity levels. (1 controller per each motor is recommended, and thus in total 2 controllers per unit)