

Qualidade que se sente **CONTROLLED MECHANICAL VENTILATION** VMC DOUBLE FLOW WITH HEAT RECOVERY **SLIM** 75 **BOX** 95 EVASLIM 75 www.nipon.pt BOX 95



VERTICAL VMC CHARACTERISTICS A BOX 95 **A EPP STRUCTURE** The inner structure is made of EPP material, which is lightweight, thermal, insulating, eco-friendly and odorless. It has good performance for air tightness and heat insulation. i & & & **CONSTANT AIR FLOW EC FAN** Equipped with constant airflow EC fans. EC fans can regulate the air flow to the set automatically, regardless of the length of the pipe, filter or any other pressure drop Sensor CO2 **VARIOUS CONTROL** (optional) **FUNCTIONS** It is composed of a main cod: NI5002010 controller, a commissioning **3D HEAT EXCHANGER** controller and a remote LCD Heat can be transferred from 3 directions control panel (optional), through the air channels. Its large heat exchange which can realize the surface allows the unit to reach a higher level of functions of real-time efficiency. display, one-key function, fault alarm, remote control **HIGH EFFICIENCY MATERIAL** and centralized control. Maximum thermal performance F7 Filter - filters 95% Great air tightness with good rigidity of particles Oxidation/mildewresistance (optional) **UPTO 15 YEARS OF USE** The heat exchanger core is washable and easy to clean and can have a service life of up to 15 years. Exchanger Plate 3D STANDARD G4 DOUBLE FILTERS Filter dust and pollen particles. REJECTION Rejection of stale air to the outside **HUMIDITY SENSOR** Sensor integrated into the equipment for better bypass operation. **EXAMPLE SCHEME OF EVABOX 95 OPERATION** Detail of an installation DOUBLE FLOW MECHANICAL VENTILATION Example of a right side installation **SUMMER WINTER EV**BOX 95 Recovery Efficiency up to 900/0 Recovery Efficiency up to 950/0

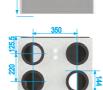


TECHNICAL CHARACTERISTICS (SOURCE MANAGEMENT OF THE PROPERTY O



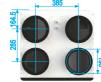


EVABOX 95		EVAB250 HA	EVAB350 HA	EVAB500 HA			
Voltage/Frequency	V/Hz	230V/50Hz					
Air flow	m³/h	250	350	500			
Static pressure	Pa	130	150	160			
Nominal efficiency	0/0	85	85	85			
Maximum efficiency	0/0	95	95	95			
Rated power	W	137	272	412			
Max Electric Current	Α	1,0	1,9	2,9			
Sound Power	dB(A)	35	37	39			
Energy Class		Α	Α	Α			
Weight	kg	40	40	50			
Dimensions (LxPxA/Ø)	mm	595x480x975/144	595x480x975/144	655x625x1090/196			
Filter F7	cod.	NI5002040	NI5002040	NI5002045			
Code		NI5001025	NI5001035	NI5001050			









Note: This noise level is measured under the condition of 70% of the maximum air volume and static pressure of 50Pa.

HUMANIZED DESIGN

- Flexible installation: Left or right side. Installation type can be adjusted to take into account different installation requirements.
- Easy operation: The air flow can be adjusted by the user as desired.
- One key boost function: The unit provides fan boost, which can be set from a single keystroke. After pressing the key, the unit will run at maximum airflow for 60 minutes (running time is adjustable) and then it will return to the previous setting.



BENEFITS OF USING VMC NIPON Coolair

Effective Ventilation

It improves air quality, as it introduces fresh air from the outside and removes stale air from inside the house.

High Efficiency Energy Recovery

The high-efficiency built-in heat exchanger allows heat exchange from stale air to fresh air during ventilation, and can recover more than 75% (EVASLIM 75) and 95% (EVABOX 95) of energy.

Filters impurities and purifies

These VMC equipments have air filters that are designed to remove polluting particles from the air coming in from the outside, providing you with fresh and clean air for the interior of the dwelling.

By-pass function

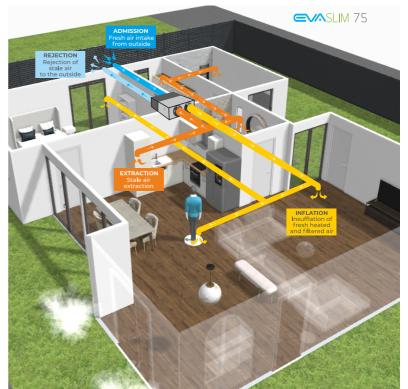
The by-pass function allows the unit to ventilate without passing through the exchanger when temperatures permit, which helps extend the life of the heat exchanger.

High Airtight Characteristic and Easy Maintenance

The heat exchanger is connected to the equipment by a channel existing in the mold and embedded with special sealing materials. It can be hand-pulled for easy maintenance. At the same time, it ensures fresh air and exhaust air circulate completely separately, preventing cross-pollution.

EXAMPLE SCHEME OF EVASLIM 75 OPERATION

DOUBLE FLOW MECHANICAL VENTILATION

















M5 filter for greater particle filtration (optional)

See code in the table below

- 150-1300m³/h air flow
- Heat recovery
- Silent function
- Dual G3 filters as standard
- Integrated WI-FI
- Integrated humidity sensor
- Easy ceiling installation
- Automatic bypass function
- LCD touch control
- 3 speeds
- Indoor temperature measurement
- Defrost function
- CO2 concentration control (optional)
- Smart alarm
- Data memory
- Weekly scheduler

* 3 years full warranty + 2 years on parts

EVASLIM 75 EVAS200 HA EVAS300 HA EVAS400 HA EVAS600 HA EVAS800 HA EVAS1000 HA EVAS1300 HA

Air flow (L/M/H)	m³/h	150/200/200	250/300/300	350/400/400	500/600/600	700/800/800	900/1000/1000	1000/1300/1300
Static pressure	Pa	60/70/75	75/82/85	80/85/88	89/92/97	92/96/100	80/85/86	75/85/90
Summer efficiency(min./Max) %	55/60	62/57/57	62/57/57	63/59/59	57/55/55	60/58/58	58/56/56
Winter efficiency (min./Max)	0/0	59/63	65/61/61	65/60/60	67/61/61	63/57/57	64/62/62	62/59/59
Rated efficiency temp.	0/0	70	68	69	70	68	70	70
Maximum efficiency temp.	0/0	75	73	74	76	74	76	76
Energy Class		Α	Α	Α	Α	Α	Α	Α
Rated electrical power	W	105	117	150	200	355	440	710
Voltage	٧				220V			
Electric current	Α	0.5	0.56	0.72	0.96	1.7	2.1	3.4
Sound Power (L/M/H)	dB(A)	22/25/27	23/27/30	25/29/32	25/31/35	32/37/39	32/36/40	37/40/42
Weight	kg	23	25	31	36	60	70	79
Dimensions (CxLxA/Ø)	mm 6	66x580x264/14	4 744x599x270/144	744x599x270/144	824x904x270/194	1116x804x388/242	1116x1134x388/242	1129x1216x388/242
M5 Filter	Cod.	NI5006040	NI5006042	NI5006044	NI5006046	NI5006048	NI5006050	NI5006052
Code		NI5005020	NI5005030	NI5007040	NI5005060	NI5005080	NI5005100	NI5005130

SOME FUNCTIONS OF THE TOUCH CONTROLLER







By-pass function Automatic



SMART LIFE WI-FI CONTROL APP



- Air quality control temperature control, humidity, CO2 concentration
- Various configuration available Various configuration available...
- Available in multiple languages
- Allows you to control multiple units.







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