



NVSAIR

ventilation for life

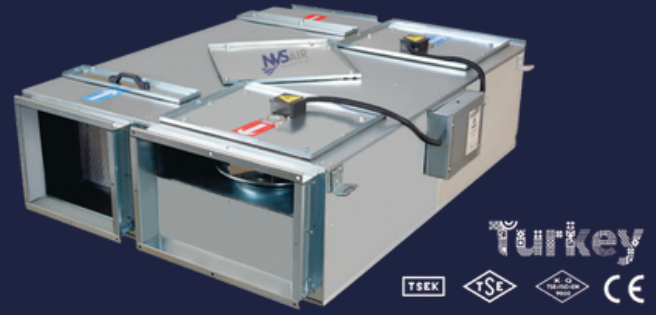


PRODUCT CATALOGUE

NGK Heat Recovery Devices

NGK

WITH ALUMINUM EXCHANGER CROSS CURRENT, PLUG FAN DUCT TYPE HEAT RECOVERY DEVICES



NGK for comfortable ventilation of all kinds of facilities heat recovery devices that can be used. While consuming ambient air, It serves to give fresh air. Using the heat energy of fresh air air preheating / cooling provides.

MATERIAL Body; It is made of galvanized sheet. Internal surfaces are heat and sound insulated with rubber-based material closed. Plug fan is used. High efficiency heat recovery inside heat exchanger available.

SPEED CONTROL It can be with the digital control panel.

USAGE AREAS

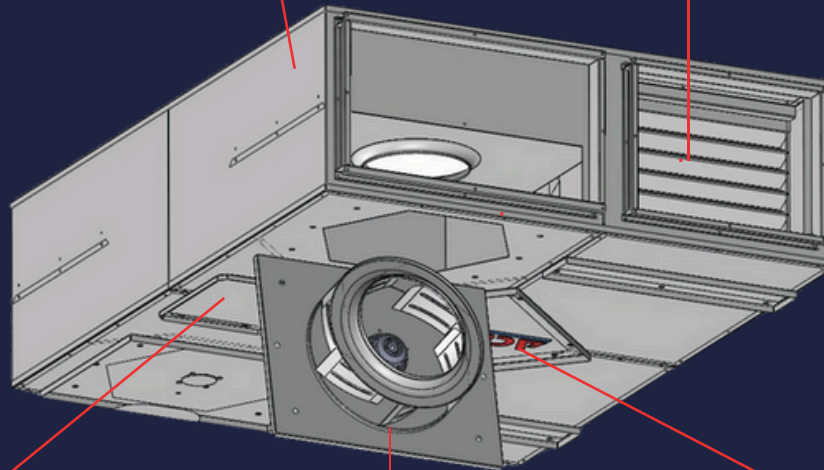
Workplaces, offices, hospitals, restaurants, meeting rooms and gymnasiums, etc.

DETAIL

Type/Code	Electrical Motor			Air Flow m ³ / h	Sound Pressure dB (A)
	Voltage	Power	Speed		
	(V)	(HP)	(d/d)		
NGK-75-M-2K	220	2x135	2.660	750	43
NGK-100-M-4K	220	2x210	1.400	1.000	46
NGK-200-M-4K	220	2x400	1.375	2.000	46
NGK-300-M-4K	220	2x430	1.380	3.000	48
NGK-400-M-4K	220	2x600	1.335	4.000	49
NGK-500-M-4K	220	2x630	1.340	5.000	54
NGK-600-M-4K	220	2x1070	1.430	6.000	57

Body and Insulation The body is covered with galvanized metal with high corrosion resistance. The inside of the device is insulated with a 10 mm polythene foam for sound and heat insulation

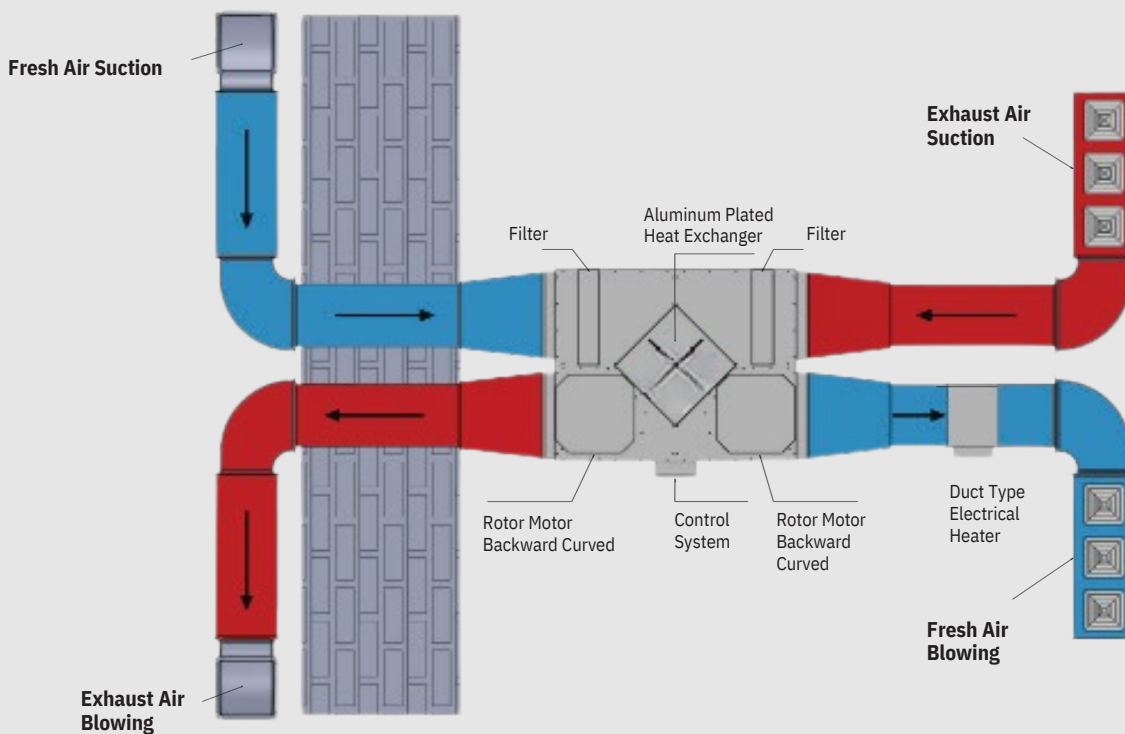
Filters G4 class filters are used both for exhaust and fresh air to raise the indoor air quality and protecting the components inside the unit .

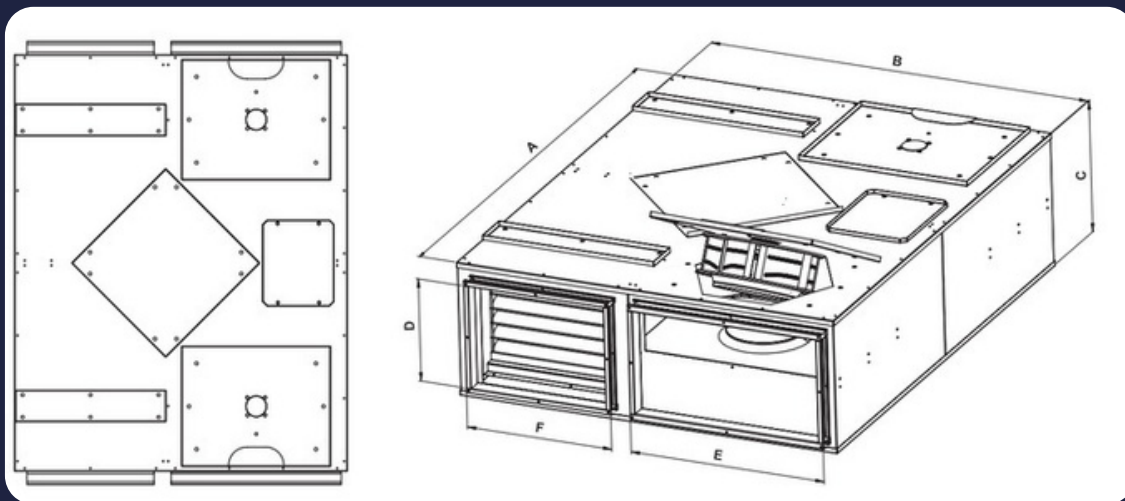


Control System Control System has been developed to control all equipment, meet user demands and is made simple and easy to user. The equipment in the standard device and the optional accessories can be controlled by the system.

Fresh Air and Exhaust Air Rotor Motor Backward curved plug fan is used in heat recovery units. The fan blades are of high aerodynamic efficiency. Since the fans are connected directly to the motor, belt-pulley problems are eliminated and maintenance costs are reduced with AC fans .

Aluminum Plated Heat Exchanger IGKP Heat Recovery Units use an aluminum cross-flow plated heat recovery exchanger. Heat Recovery Exchanger consists of plates that have an improved surface area to ensure high efficiency and no leakage from the edges. With heat exchanger optimization, heat transfer efficiency is increased and pressure loss is reduced





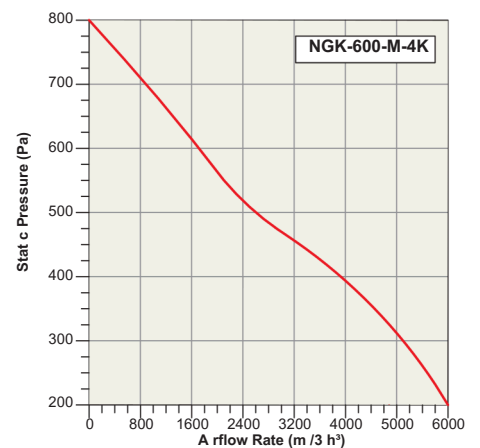
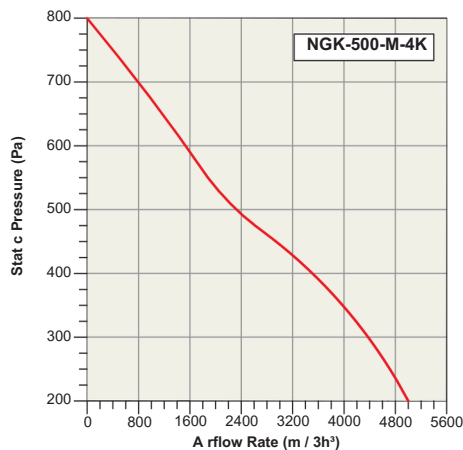
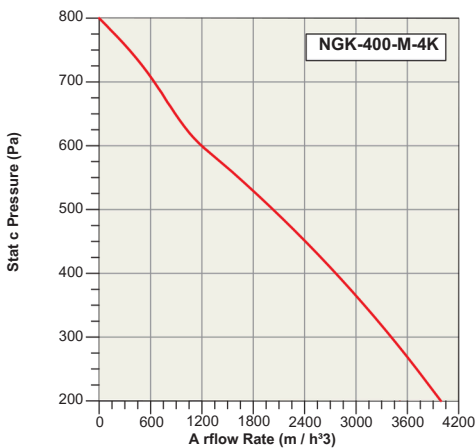
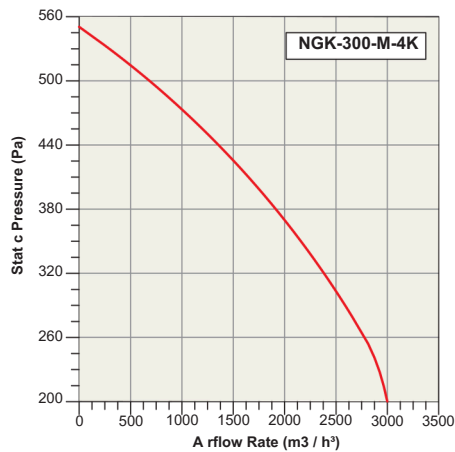
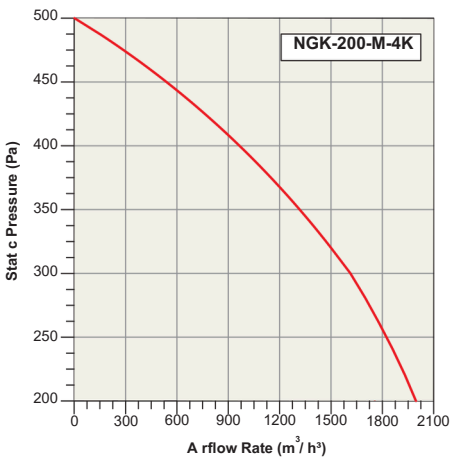
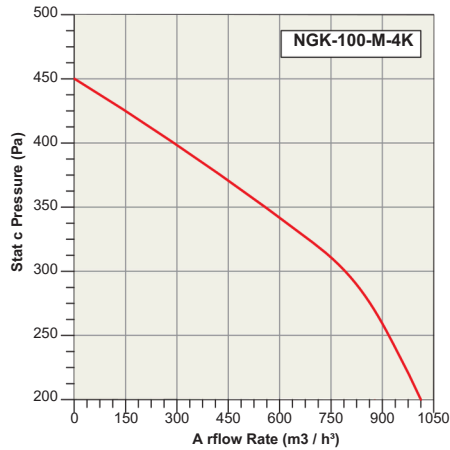
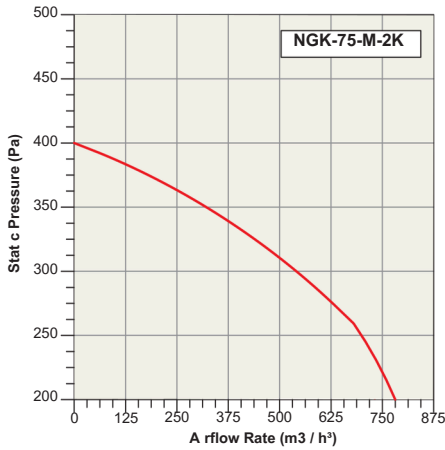
VALUE CHART (m³ / h & Pa)

Type/Code	Air Flow (m3/h)									
	200 Pa	250 Pa	300 Pa	350 Pa	400 Pa	450 Pa	500 Pa	600 Pa	700 Pa	800 Pa
NGK-75-M-2K	750	700	550	300						
NGK-100-M-4K	1.000	900	800	500						
NGK-200-M-4K	2.000	1.800	1.700	1.300	1.000	500				
NGK-300-M-4K	3.000	2.800	2.500	2.100	1.700	1.200	600			
NGK-400-M-4K	4.000	3.800	3.500	3.200	2.750	2.300	1.800	1.200	650	
NGK-500-M-4K	5.000	4.800	4.550	4.000	3.500	3.000	2.200	1.500	800	
NGK-600-M-4K	6.000	5.200	4.800	4.300	3.800	3.400	2.700	2.100	1.200	

TECHNICAL DIMENSION

Type/Code	Sizes (mm)				
	A	B	C	FxD	ExD
NGK-75-M-2K	1.100	900	315	200x220	460x220
NGK-100-M-4K	1.200	1.000	365	350x270	465x270
NGK-200-M-4K	1.500	1.200	415	400x350	555 x350
NGK-300-M-4K	1.700	1.200	475	400x380	555x380
NGK-400-M-4K	1.800	1.300	515	400x420	635x420
NGK-500-M-4K	2.000	1.460	520	400x450	865x450
NGK-600-M-4K	2.000	1.460	695	400x520	705 x520

TECHNICAL DIMENSION





CONTACT

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