

HEAT RECOVERY DEVICES

VAM DEVICES



With the PHRV series heat recovery devices, it is aimed to keep the indoor air quality at comfort levels. With high efficiency plate heat exchangers, heat transfer is carried out without mixing fresh air and exhaust air, and the heat left by the exhaust air is loaded and blown into the space.

Fans and Motors

According to the capacity needed in heat recovery devices; Frequent bladed fans with the feature of being silent are used. The fans are statically and dynamically balanced and are also mounted on rubber wedges to prevent possible vibrations from being transmitted to the body. With the self-powered fan technology, heat recovery devices can be stepped over the control panel.

Filters

Washable EU4 filters are used for fresh air and exhaust air in PHRV series heat recovery devices. With its sliding assembly structure, the filters can be easily disassembled and cleaned during maintenance, and the assembly can be done simply in the same way.

Control Board

PHRV series heat recovery devices are controlled by digital control panel as standard. With this control panel, fresh air and exhaust aspirators can be controlled independently of each other; indoor temperature can be set to desired temperature; The electric heater can be activated and deactivated manually and a time program can be made.

Electric Heater

Electric heaters were integrated into all heat recovery devices in accordance with the capacity, and the cold air was heated and blown into the space in winter.

By-Pass Damper

By-Pass dampers are manufactured optionally to heat recovery devices. It is used to cut off the air flow when the device is in the off position.

Device Capacity	1.000 m3/h	2.500 m3/h	3.500 m3/h	4.400 m3/h	5.700 m3/h
Efficiency	Up to 70%				
Motor Voltage	230V – 50 Hz				
Electric Heater Voltage	380V – 50 Hz				
Filter	EU4 Filter				
Heat Recovery	Cross Flow Plate Heat Exchanger				
Motor Power	150W x2	450W x2	550W x2	750W x2	1270W x2
Electric Heater Power	4 kW	6,75 kW	10,5 kW	12,8 kW	13,5 kW