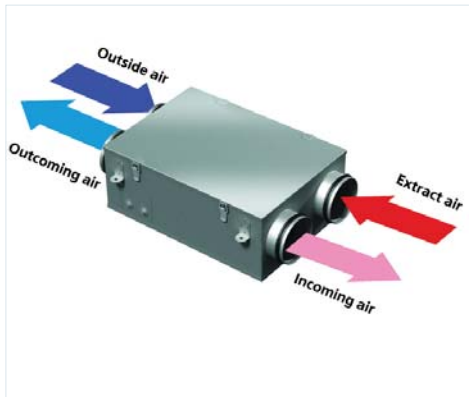


ENERGY SAVING VENTILATION

DPR 125 DECENTRALIZED AIR HANDLING UNIT WITH HEAT RECOVERY

**NEW
PRODUCT**



Description

DPR 125 is a compact decentralized air handling unit with heat recovery designed for creation of a continuous air exchange inside of small and middle-size domestic and public premises. Use of built-in heat exchanger allows using the heat from the air exhausted from the room for heating the inflowing clean air. The unit is installed inside premises behind suspended ceilings and compatible with 125 mm air ducts.

Operation of the DPR

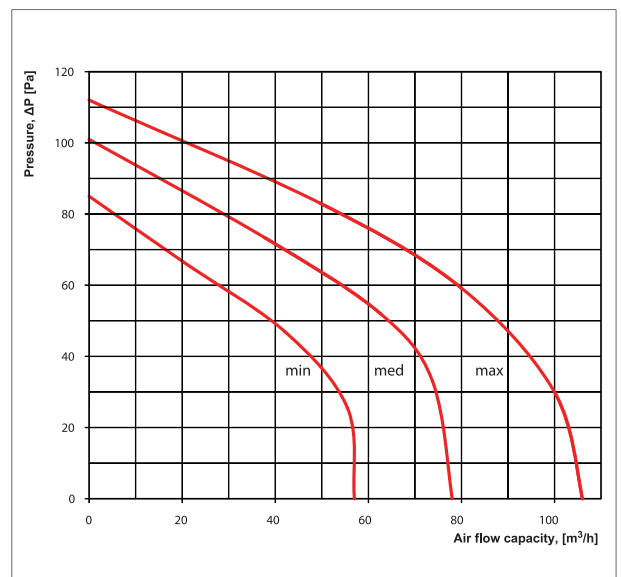
Warm air from the room is directed through a cleaning filter to the heat exchanger and, after a portion of heat is transferred to the exchanger, the air is exhausted by a centrifugal exhaust fan. Cold outer air is also directed through the cleaning filter to the heat exchanger where it absorbs a portion of heat from the exhaust air, and after that it is blown inside the room by a centrifugal inflow fan.

The built-in heat exchanger allows transferring largest portion of heat from the exhaust air to the inflow air, which makes it possible to significantly cut down the costs of heating the premises and to reduce losses of heat energy in the cold period of the year. Air exhaust and inflow is effected through a system of air ducts.

Specification

Speed	min	med	max
Voltage, V (-50 Hz)		1-230	
Power consumption, W	30	38	56
Consumption current, A	0,18	0,23	0,34
Air flow capacity, m ³ /h	57	78	106
r.p.m.	1300	1950	2500
Sound level 3m, dBA	24	32	41
Max temperature of transferred air, °C	from -25 up to +50		
Case material	aluzink		
Insulation	5 mm izofol		
Filter: exhaust	G4		
inflow	G4		
Dimensions: length, mm	590		
width, mm	355		
height, mm	195		
Diameter of connected air duct, mm	4x125		
Weight, kg	6,5		
Heat exchanger efficiency	до 68%		
Heat exchanger type	channel, cross-flow type		
Heat exchanger material	polystyrol		

Aerodynamic performance



Order code

VENTS DPR

125