Cvsair | HEAT RECOVERY UNIT

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HEAT
RECOVERY UNIT

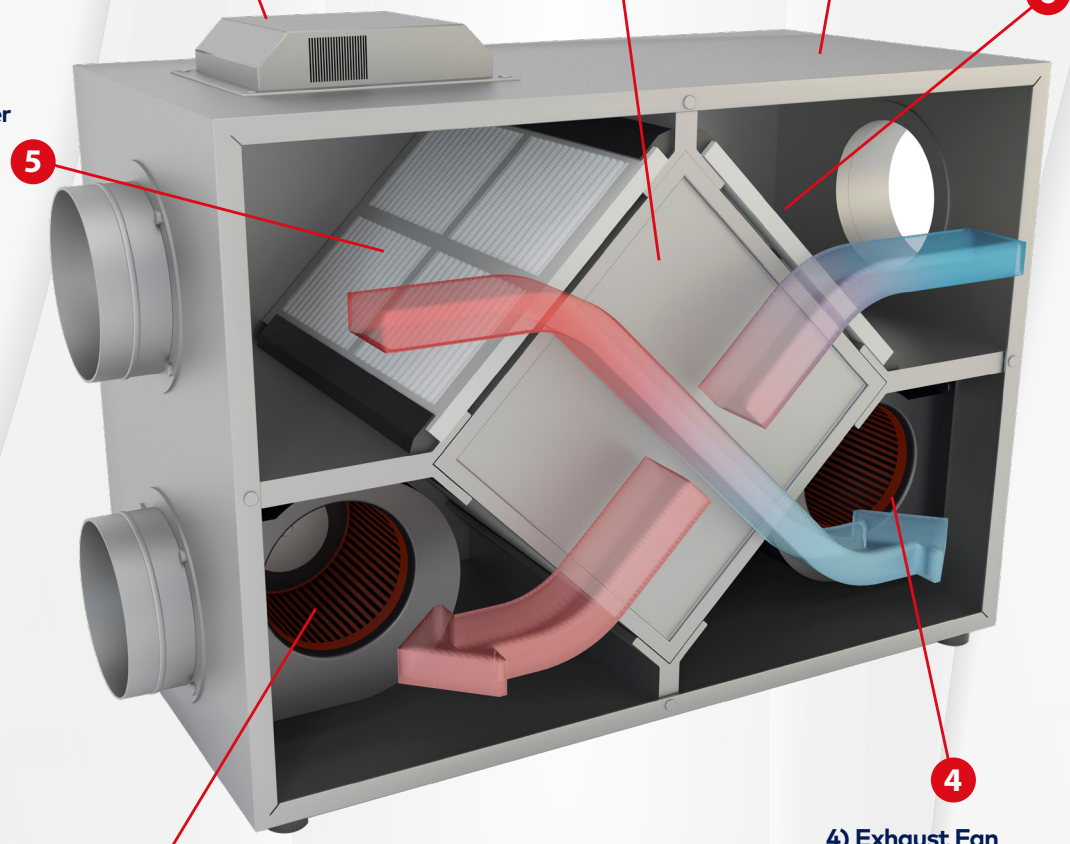
1) Casing
- Single wall galvanized sheet
- 10 mm rubber insulation on the inner wall
- Aluminum profile carcass (optional)
- 30mm polyurethane filled, heat and sound insulated sandwich panels (optional)
- Easy installation and maintenance by compact design

2) Terminal Box
- Ability to turn the device on and off, to adjust the fan speed, to control the duct type resistances with the control panel placed in the space

7) Aluminum Plate Type Heat Exchangers
- Efficiency up to %70 depending on working conditions
- Heat recovery exchanger made of polymer-based plates (optional)

6) Fresh Air Filter

5) Exhaust Filter



3) Fresh Air Fan
- High efficient
- Static and dynamically balanced double suction direct drive and low noise level fan
- Ability to compensate high air flow and pressures with the belt-pulley assembly (optional)

4) Exhaust Fan
- High efficient
- Static and dynamically balanced double suction direct drive and low noise level fan
- Ability to compensate high air flow and pressures with the belt-pulley assembly (optional)

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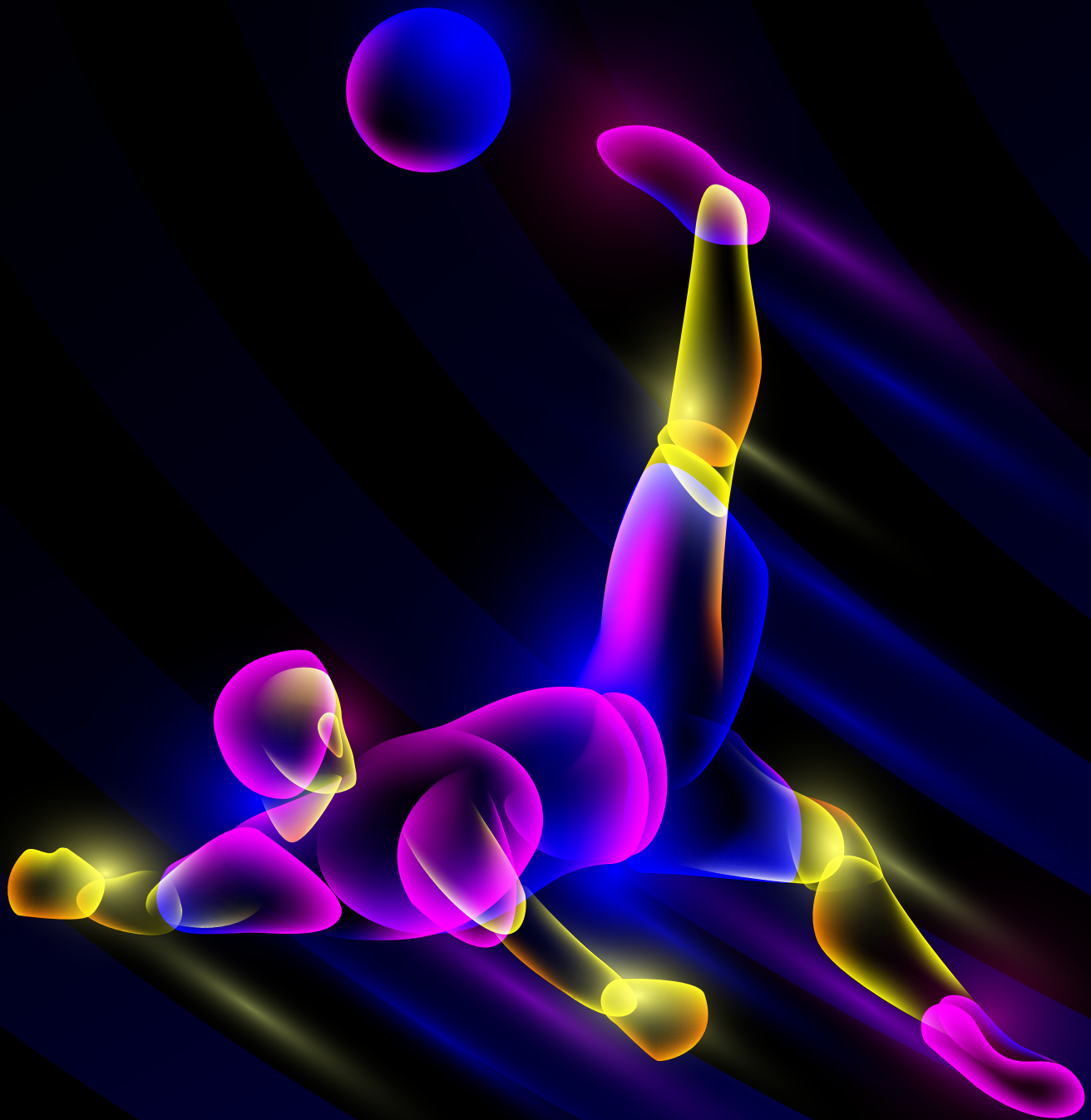

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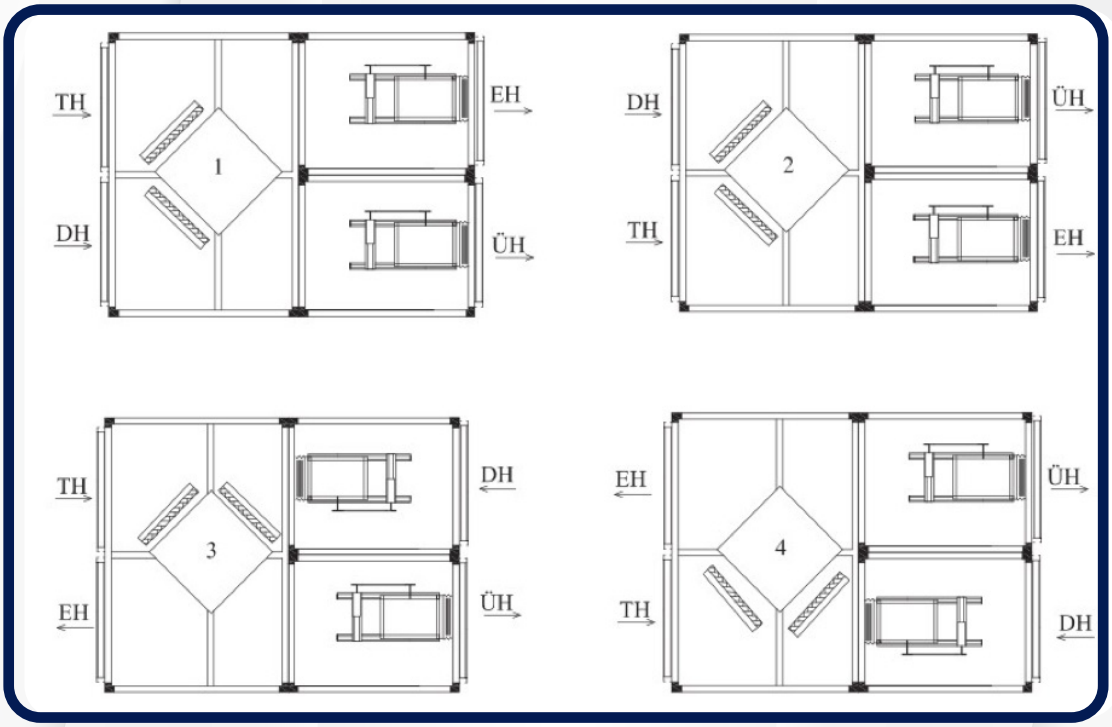

MODEL	AIR FLOW (m³/h)	MAX. PRESSURE (Pa)	MOTOR POWER (W)	VOLTAGE (V)	LENGTH (mm)	WIDTH (mm)	HEIGHT (mm)
IGK 71	500	250	300	230	1115	780	360
IGK 72	1.000	210	300	230	1310	870	440
IGK 73	1.500	400	750	230	1310	1050	440
IGK 91	2.000	300	750	230	1310	1050	440
IGK 92	2.500	350	900	230	1310	1310	440
IGK 93	3.000	350	1.100	230	1410	1310	490
IGK 101	3.500	280	1.500	230	1310	1310	440
IGK 102	4.000	400	1.500	230	1510	1410	640
IGK 103	5.000	350	2.200	230	1510	1410	640
IGK 104	6.000	250	2.200	230	1510	1410	640

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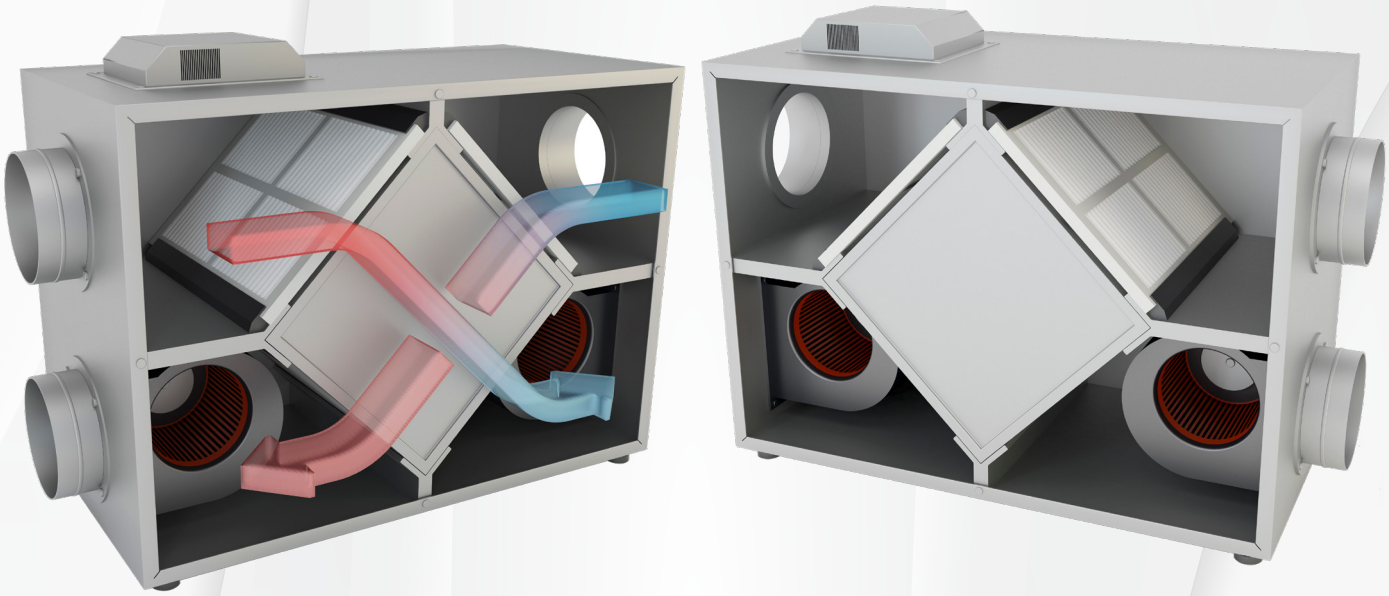
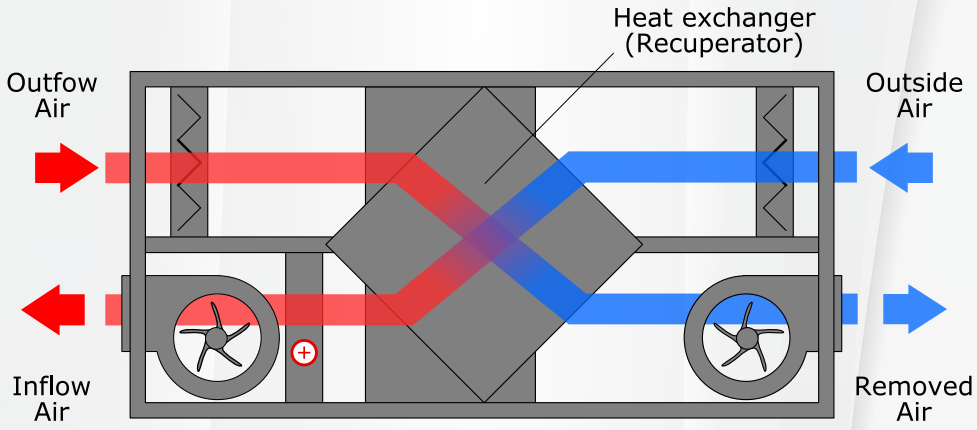


VENTILATION CIRCUIT WITH RECUPERATION



In heating, ventilation and air conditioning systems, HVAC, recuperators are used to reuse released heat from exhaust air, usually expelled to the atmosphere. The heat from the exhaust air flow is transferred into the supply air flow.

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