

KVR

Inline extractor for rectangular ducts



Product

KVR

Application

Civil and industrial applications

Construction

Aluminium profile, galvanized sandwich panels

FEATURES

The KVR series inline extractors are suitable for inline installation along rectangular ducts. They consist of a compact galvanized steel sheet casing with standard flanges of 20 mm on both sides.

Both horizontal and vertical mounting positions possible.

They are suitable for air renewal in commercial and industrial buildings and for installation in ventilation and air conditioning systems.

Maximum operating temperature: 70 °C.

FAN

Impeller with backward curved blades, mounted on the external rotor of a voltage-controllable motor. The impeller is dynamically balanced according to quality class G 6.3 of DIN/ISO 1940, on 2 planes.

Fan easy to clean thanks to the tilting fan section, therefore also suitable for handling slightly contaminated air.

MOTOR

Motor in single-phase 230 V/50 Hz or three-phase 400 V/50 Hz execution. Enclosed drive motor with maintenance-free ball bearings with lifetime lubrication, sealed on both sides. In single-phase models, it is equipped with an integrated thermal contact in the winding, internally wired in series; in three-phase models, the motor thermal protection must be externally wired.

ON REQUEST

EC version

APPLICATIONS



CIVIL VENTILATION



FAST FOOD



CANTEENS



RESTAURANTS



GARAGE

TECHNICAL FEATURES - OPERATING RANGE

Operating range	Flow rate (m ³ /h)	From 500 to 11,460
Motor	Volt (±10%)/Hz	230/50 - 400/50
Max. continuous operating temperature	°C	70



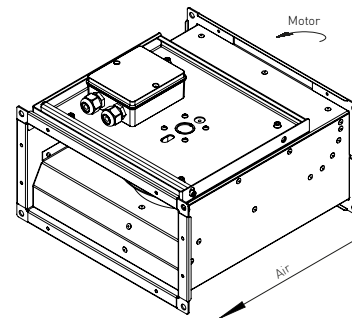
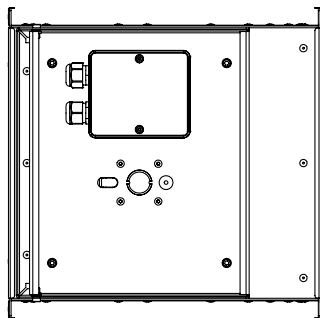
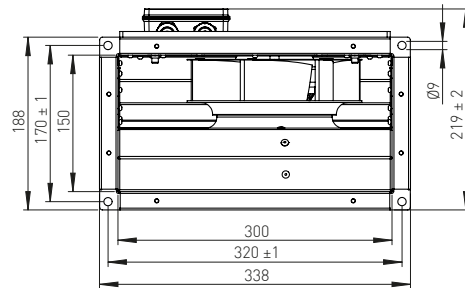
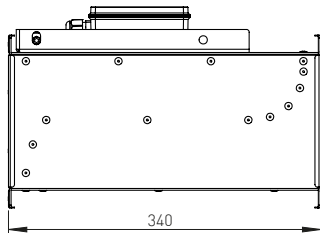
QUICK SELECTION TABLE

KVR	Speed	Power supply	Max. allowed current	Power	Flow rate	Power sound	Wt.
Model	RPM	V/Hz	A	kW	max. m ³ /h	dB(A)	kg
3015 E2 40	2350	230/50	0,3	0,52	500	68	6,1
4020 E2 30	2720	230/50	0,9	0,158	1060	78	9,8
6035 E4 30	1350	230/50	1,4	0,256	3020	71	24
6035 E4 31	1360	230/50	3,1	0,453	3920	80	23,6
8050 D4 30	1370	400/50	3,5	1,524	9120	84	59,9
10050 D4 30	1400	400/50	4,7	1,867	11.460	88	80

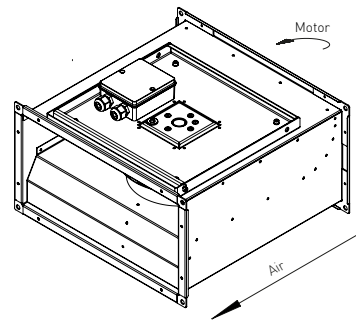
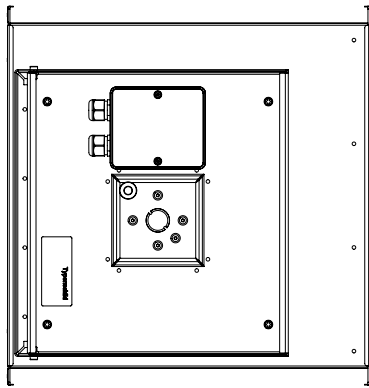
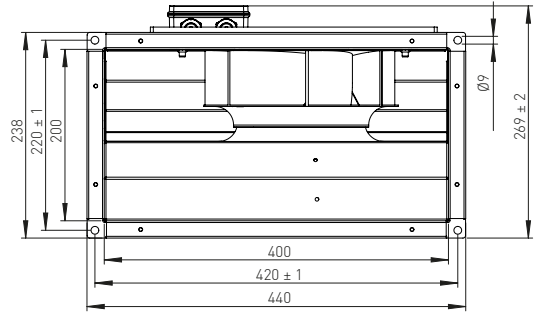
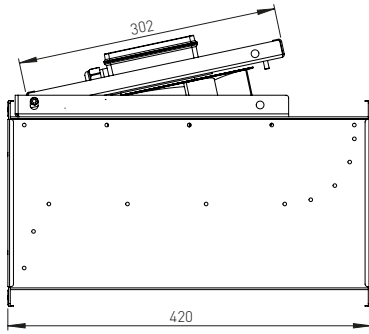
DIMENSIONS

KVR Model	A mm	B mm	C mm	D mm	E mm	F mm	G mm	ØH mm	I mm	L mm
3015 E2 40	—	340	150	170	188	300	320	339	9	219
4020 E2 30	302	420	200	220	238	400	420	440	9	269
6035 E4 30	485	610	350	370	388	600	620	638	9	419
6035 E4 31	485	610	350	370	388	600	620	638	9	419
8050 D4 30	644	830	500	520	538	800	820	838	9	589
10050 D4 30	644	830	500	520	538	1000	1020	1038	9	568

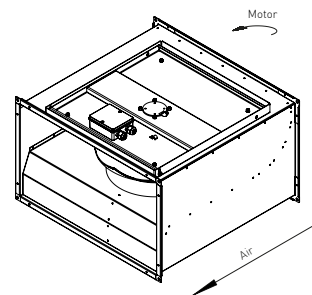
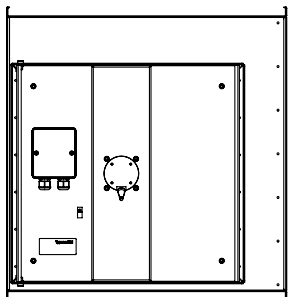
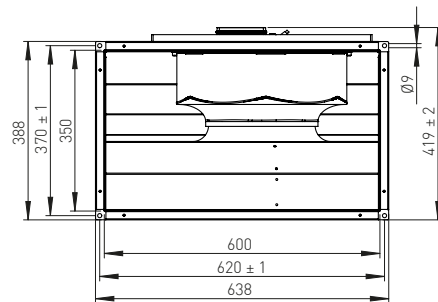
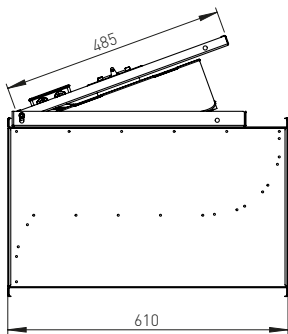
3015 E2 40



4020 E2 30



6035 E4 30

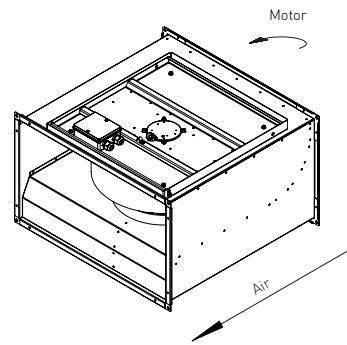
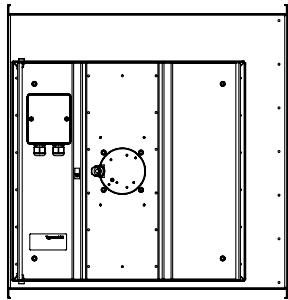
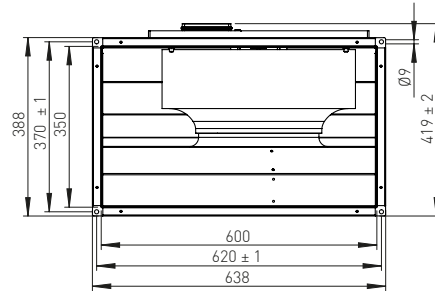
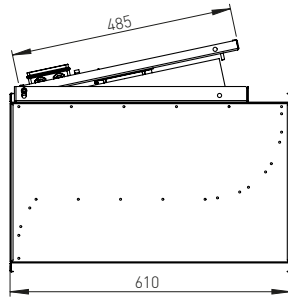




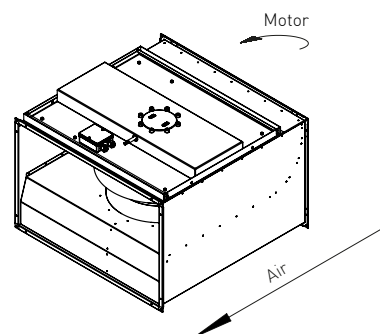
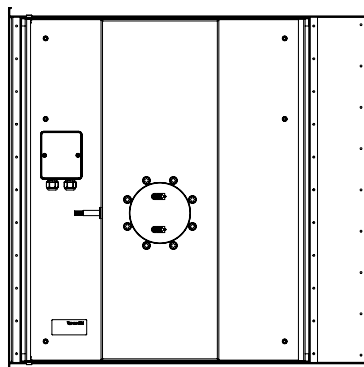
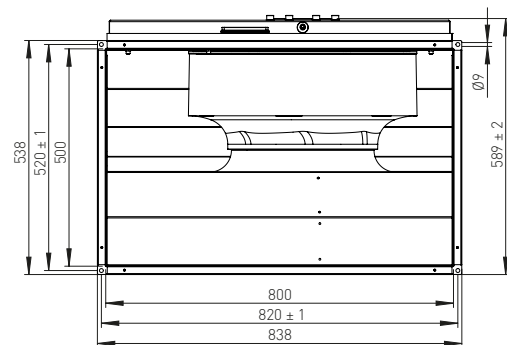
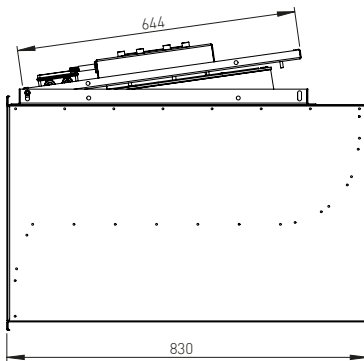
Ventilation

Comfort and performance
at maximum efficiency
energy

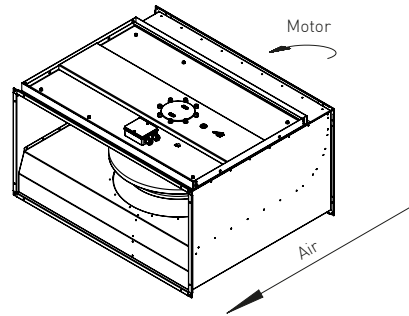
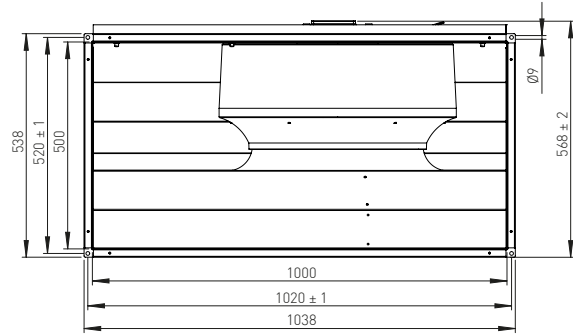
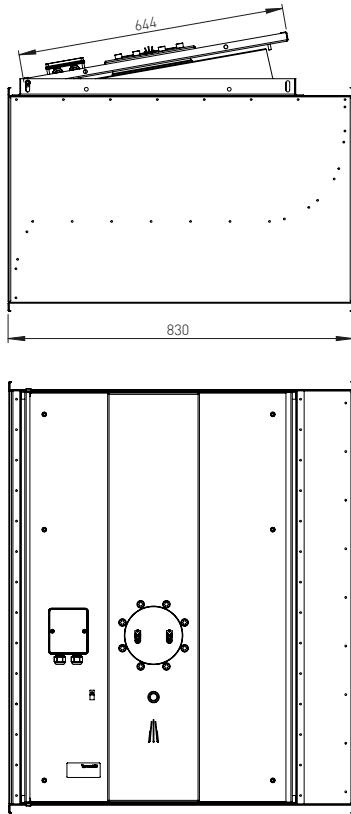
6035 E4 31



8050 D4 30

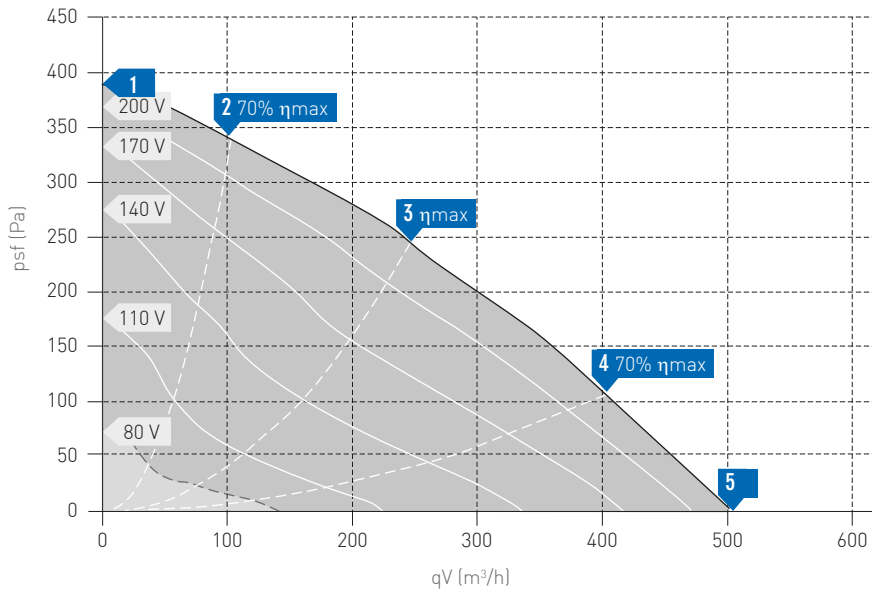


10050 D4 30

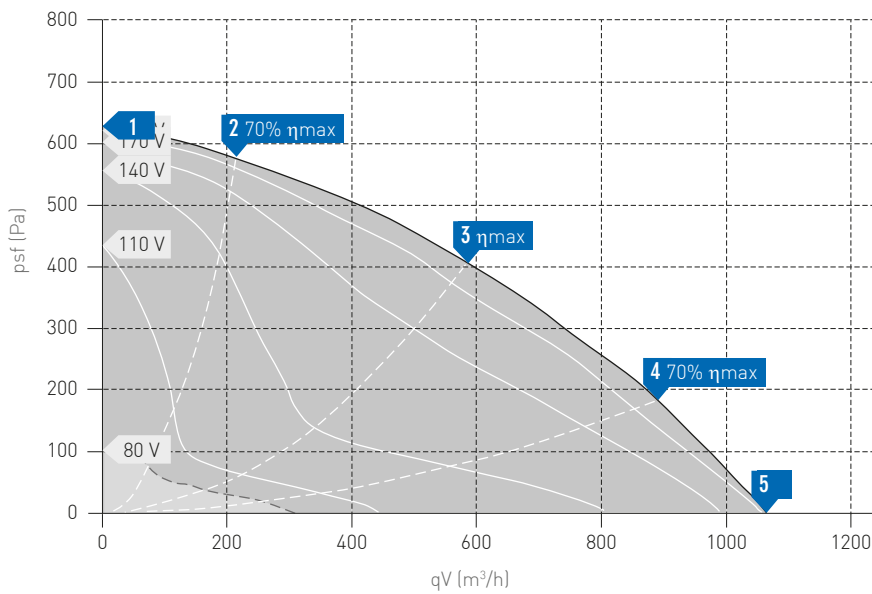




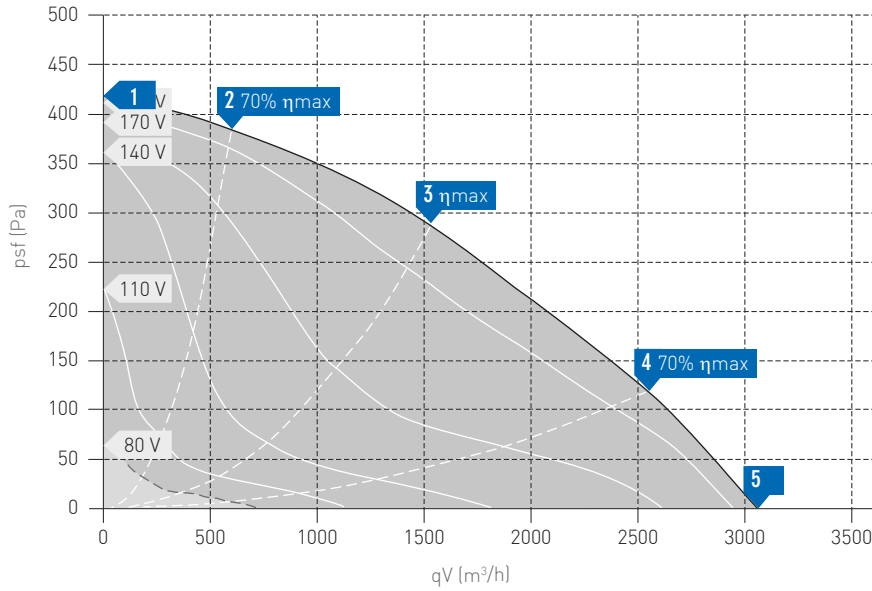
CHARACTERISTIC CURVES 3015 E2 40



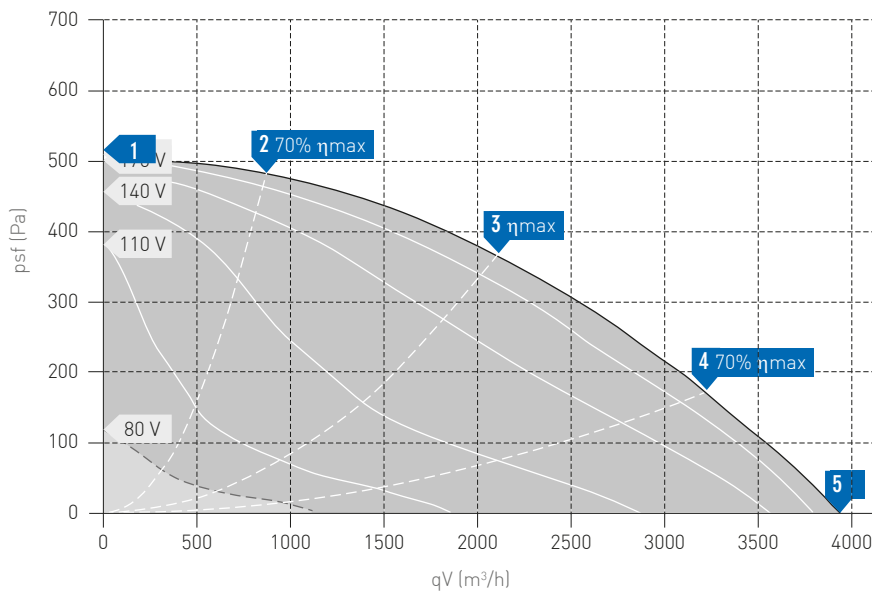
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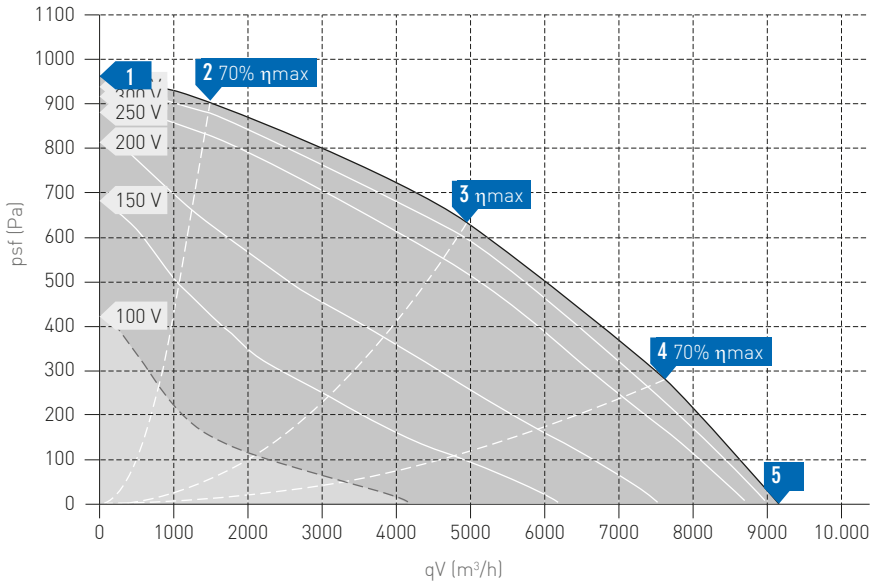


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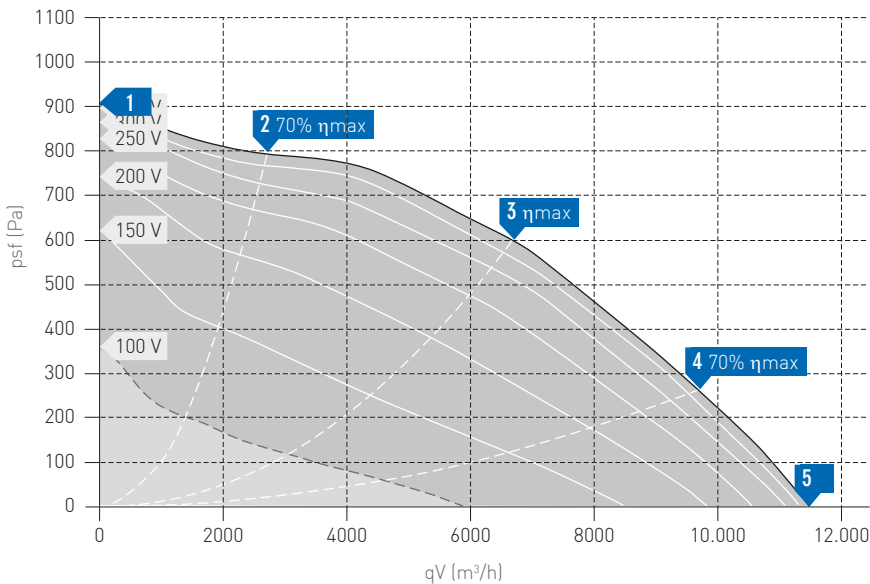




8050 D4 30



10050 D4 30



ACCESSORIES



Safety start/stop switch to stop the fan before of any maintenance work.
Compliant with IEC 947-3 standard.
Protection IP-65



RVIT
Inverter IP20 AND IP66



Speed controller
single-phase



Anti-vibration joint



Regulation damper

All images are only indicative of the product type and may differ from the actual article.