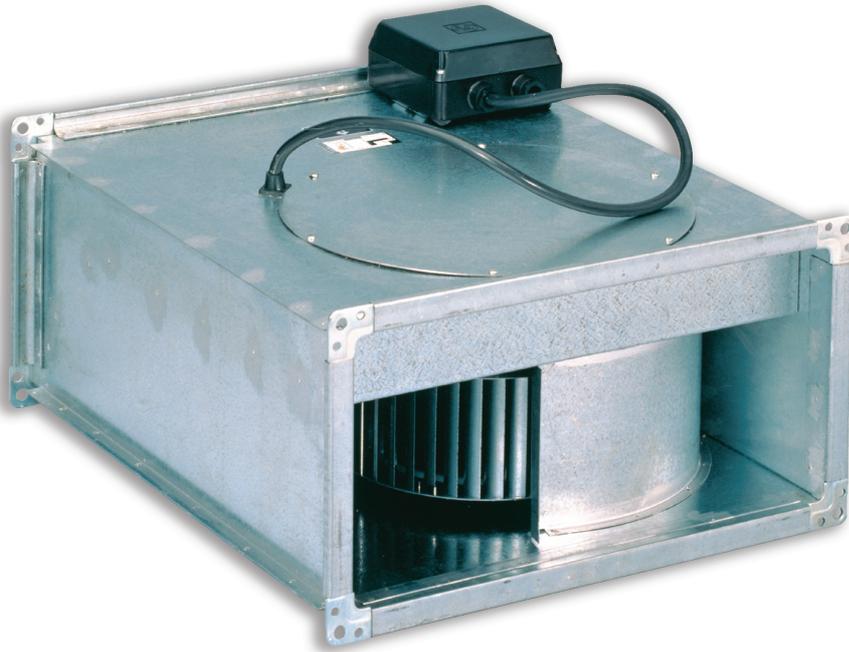


- Duct fans
- Rectangular
- Galvanized steel



## Rectangular duct fans type VCR/VCR-T

- The VCR / VCR-T range of centrifugal low pressure fans are specifically designed to be installed within rectangular ducted ventilation systems or where the space for installation is limited

### Application

They are suitable for application in:

- Commercial offices
- Car park supply air
- Restaurants
- Installations with limited or confined mounting space

### Composition

#### Fan

- The fan casings are manufactured from heavy gauge galvanised sheet steel. All models incorporate an inspection cover that can be removed to access the motor / impeller assembly without having to remove the complete fan casing from the ducting

#### Impeller

- All models incorporate direct-drive low pressure forward curved centrifugal impellers. The impeller is factory matched to the motor and the complete assembly is dynamically balanced to ISO 1940 standards

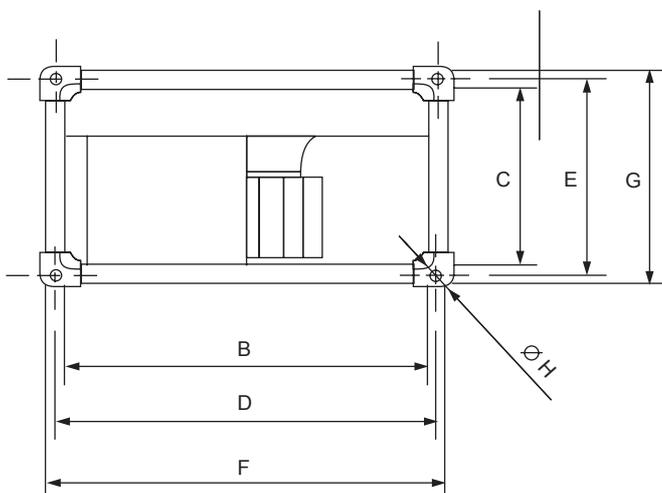
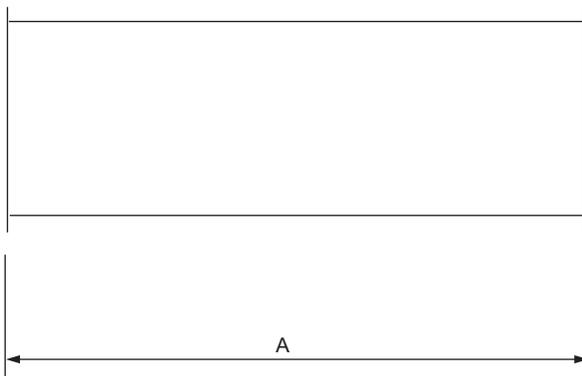
#### Motor

- Manufactured in accordance with IEC 34-1 standard
- Single Phase 230V 50Hz
- Three Phase 230/400V 50Hz
- IP55 protection
- Class F insulation
- Thermal Overload Protection

		Technical data					Q [m <sup>3</sup> /h]	Pw [dB(A)]	Kg
		RPM [min <sup>-1</sup> ]	P [W]	I [A]		4p 1Ph			
				230 V	400 V				
VCR/4-200	400x200	1240	240	1.15	-	1090	57	15	
VCR/4-225	500x250	1130	520	2.45	-	1670	65	20	
VCR/4-250	500x300	1130	950	4.40	-	2350	66	25	
		<b>6p 1Ph</b>							
VCR/6-225	500x250	800	200	1	-	1080	56	20	
VCR/6-250	500x300	800	310	1.50	-	1500	57	25	
VCR/6-285	600x300	825	660	3.20	-	2650	62	32	
VCR/6-315	600x350	810	710	3.40	-	2780	62	40	
VCR/6-355	700x400	800	1300	6.30	-	4070	64	60	
		<b>4p 3Ph</b>							
VCR-T/4-200	400x200	1270	260	0.90	0.52	1150	57	15	
VCR-T/4-225	500x250	1160	500	1.70	0.98	1700	65	20	
VCR-T/4-250	500x300	1170	930	3	1.77	2650	66	25	
VCR-T/4-285	600x300	1070	1260	4.15	2.40	3100	68	32	
VCR-T/4-315	600x350	1390	2440	8	4.60	4160	70	42	
		<b>6p 3Ph</b>							
VCR-T/6-225	500x250	840	220	1	0.57	1185	56	20	
VCR-T/6-250	500x300	800	280	1	0.57	1630	57	25	
VCR-T/6-285	600x300	840	670	2.30	1.33	2700	62	32	
VCR-T/6-315	600x350	900	710	2.50	1.44	2820	62	40	
VCR-T/6-355	700x400	875	1380	5.20	3	4200	64	65	
VCR-T/6-400	800x500	950	3000	11	6.37	7400	69	80	
VCR-T/6-450	1000x500	900	4000	17.30	10	10850	71	100	
		<b>8p 3Ph</b>							
VCR-T/8-355	700x400	660	614	2.31	1.33	3030	56	65	
VCR-T/8-400	800x500	710	1340	4.93	2.84	5350	63	80	
VCR-T/8-450	1000x500	675	2380	7.71	4.45	8000	65	100	

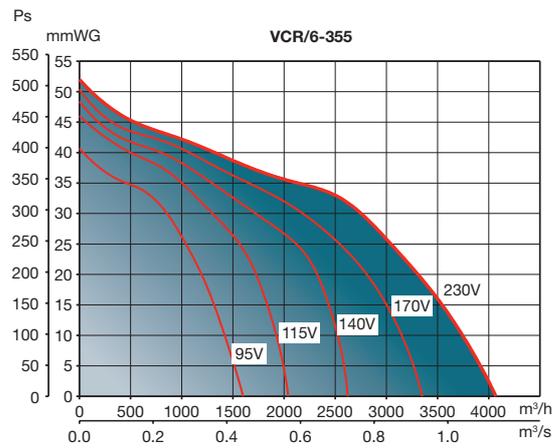
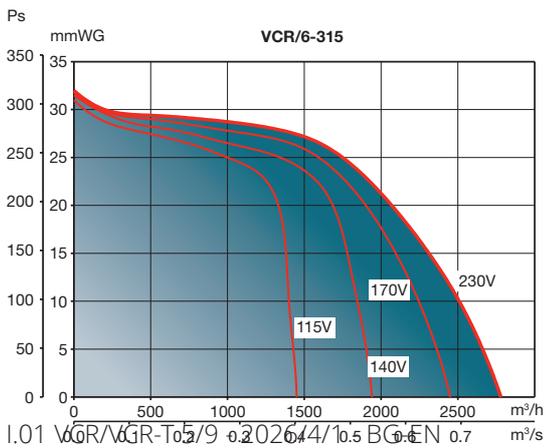
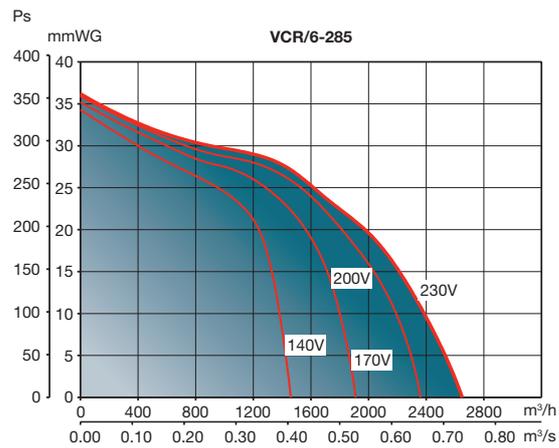
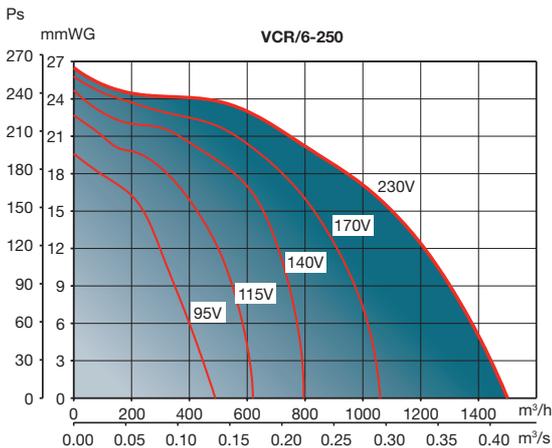
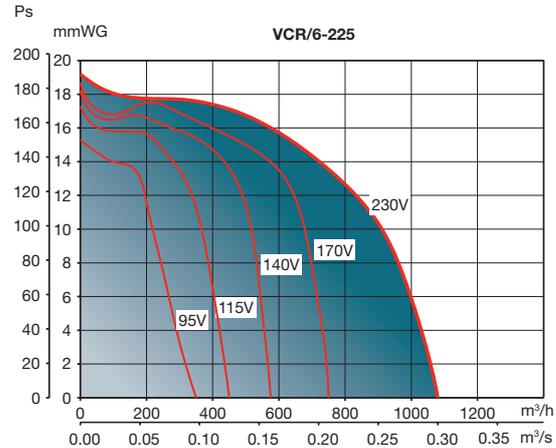
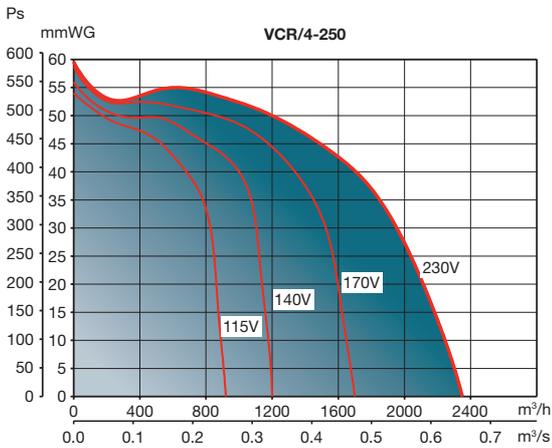
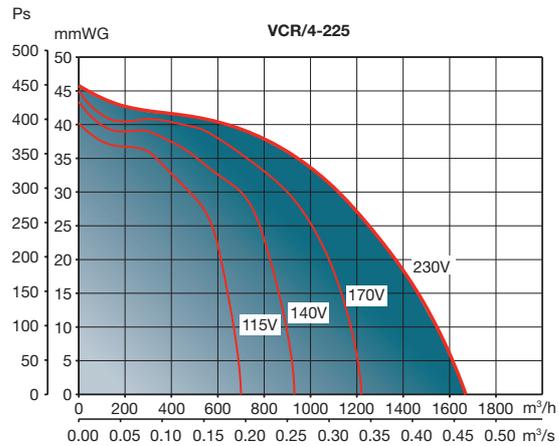
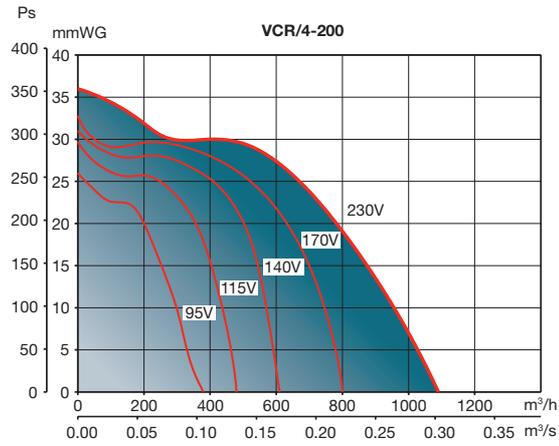
**Notes:**

- P = Maximum absorbed power
- I = Maximum absorbed current
- Q = Maximum air volume
- L<sub>PA</sub> = Sound pressure level

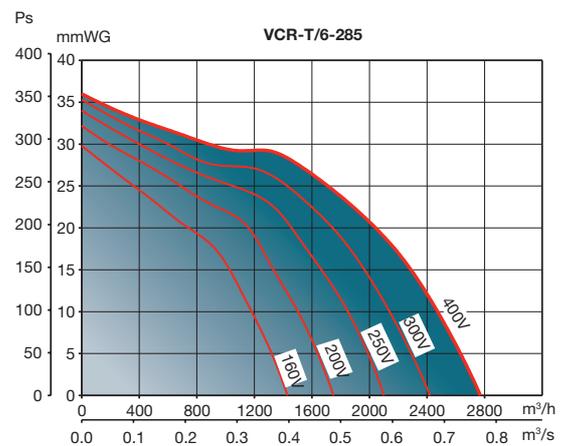
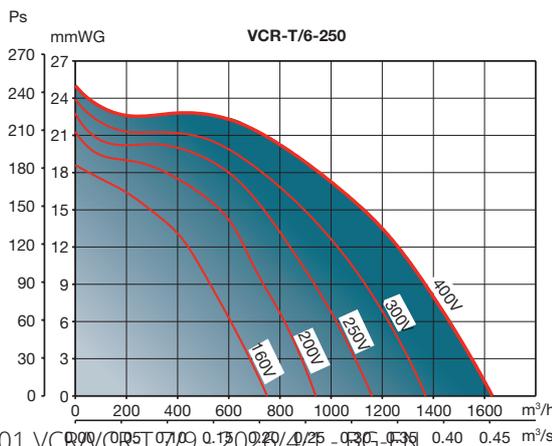
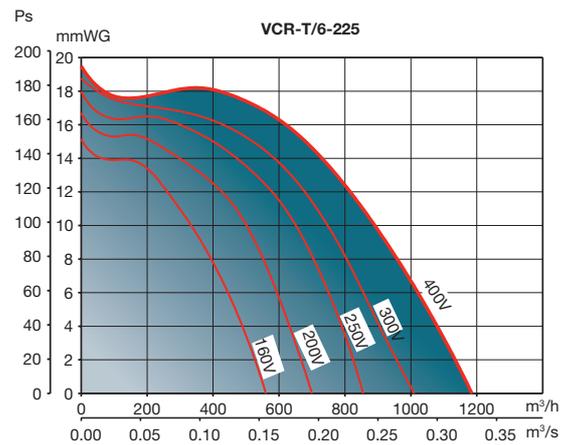
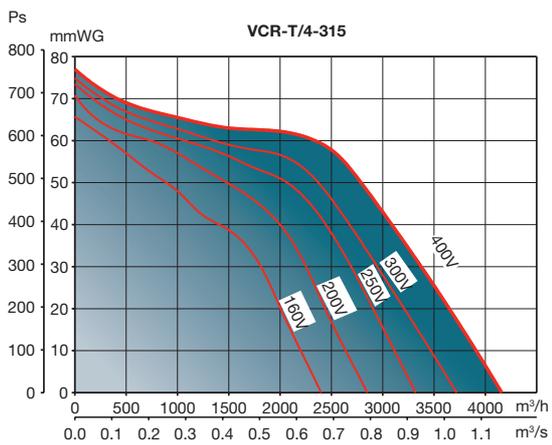
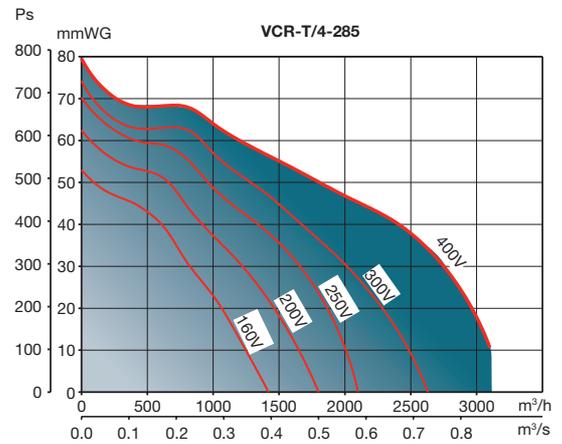
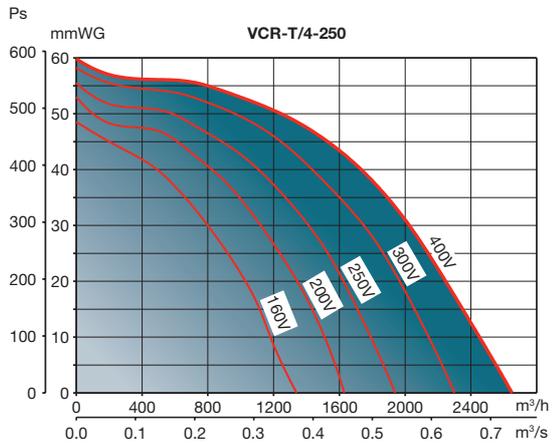
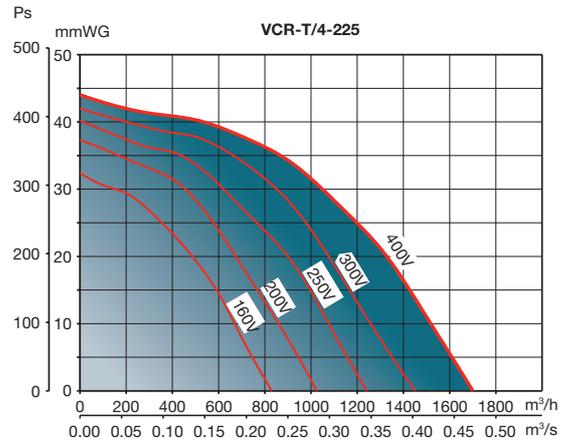
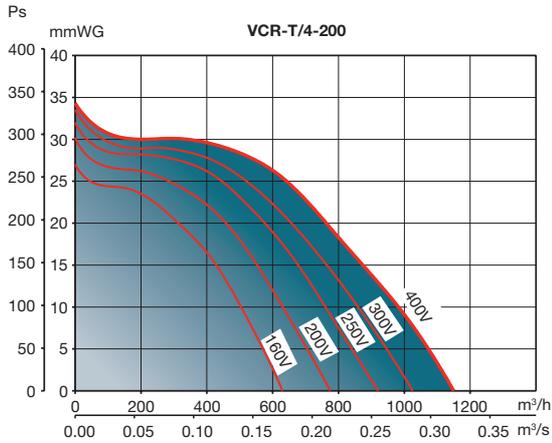


Dimensions								
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]
200	505	400	198	440	220	440	240	9
225	535	500	248	520	270	540	290	9
250	565	500	298	520	320	540	340	9
285	645	600	298	620	320	640	340	9
315	725	600	348	620	370	640	390	9
355	785	700	398	720	420	740	440	9
400	885	800	498	820	520	840	540	9
450	985	1000	498	1020	520	1040	540	9

**Pressure loss diagram**



**Pressure loss diagram**



**Pressure loss diagram**

