



Construction

In-line fan designed for installation in rectangular ducting. Casing in galvanized steel sheet. Impeller in galvanized steel sheet with forward curved blades. Dynamic balanced according ISO 1940. Ambient temperature between -40°C and +70°C.

Motor

380–415V, 50Hz three-phase alt. 220–240V, 50Hz single-phase asynchronous motor, thermal protection with outgoing leads to the terminal box. Enclosure IP55 according to UNE 20–11 and IEC 34–5 (waterproof, dustproof design), insulation class F, for working temperature between -40°C and +70°C. The motor is manufactured according to IEC 34–1 and is dynamically balanced according to ISO 1940. Speed controllable by variation of the supply voltage by means of electrical transformer or electrical regulator. Special voltage or frequency, improved enclosure and three-phase motors for "Y" resp. "Δ" – running can be supplied on request.

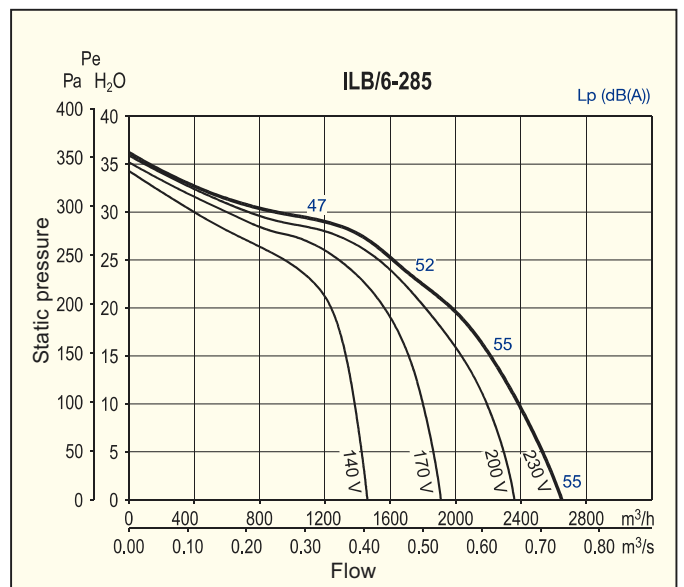
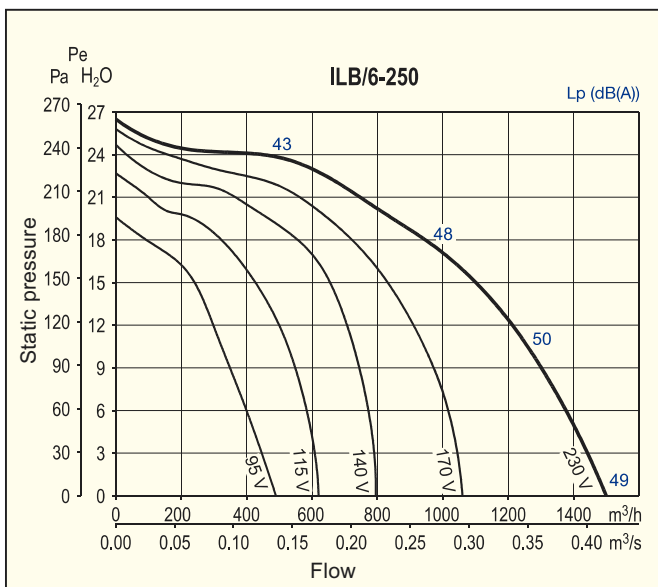
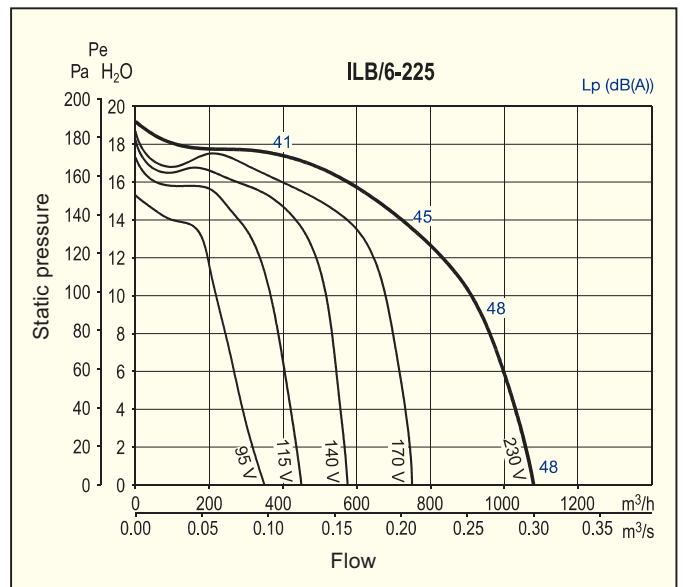
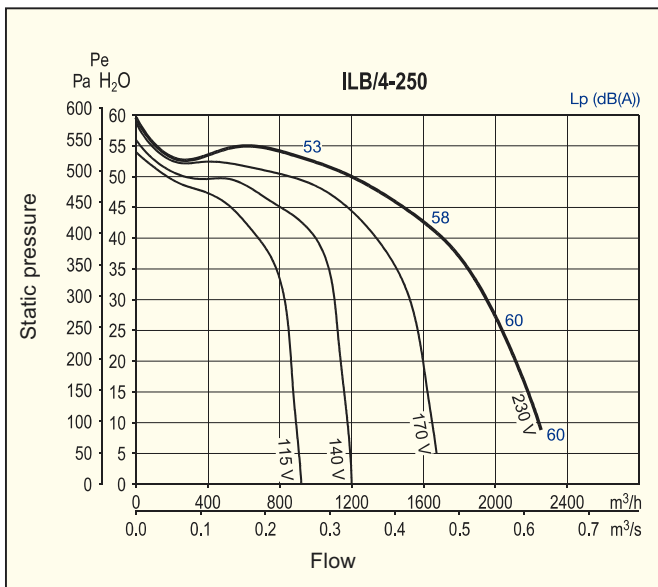
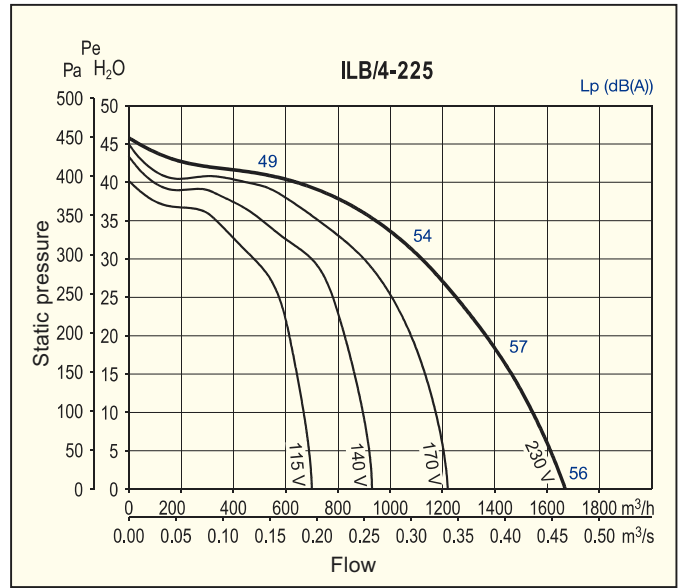
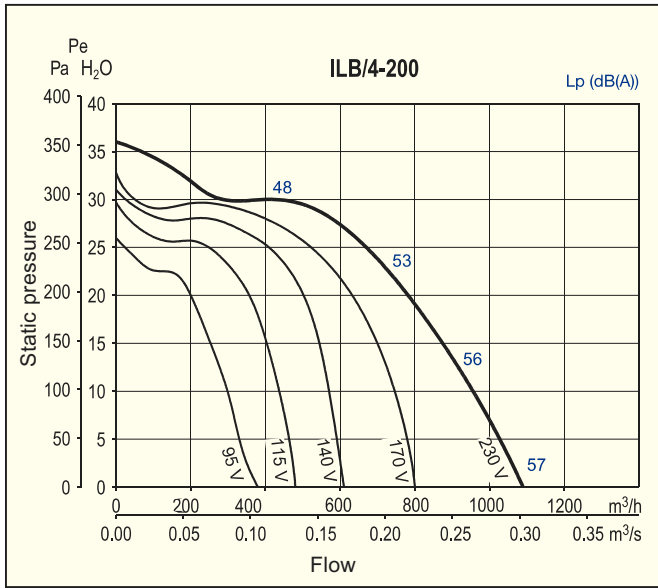
Wiring diagram, see page 179.

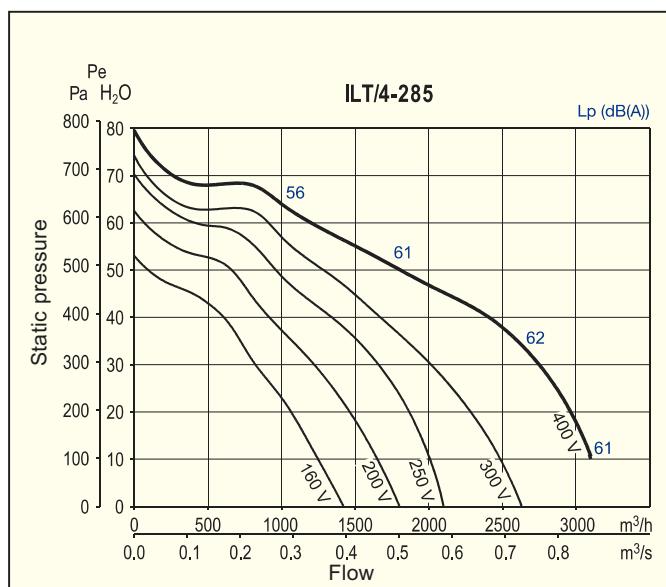
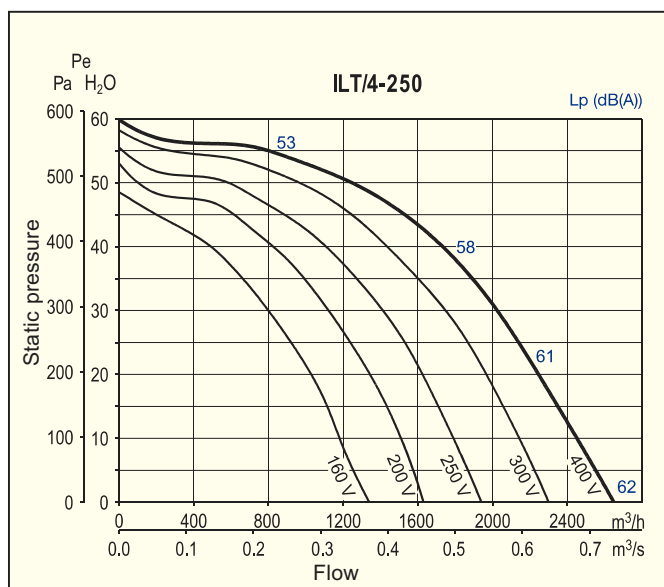
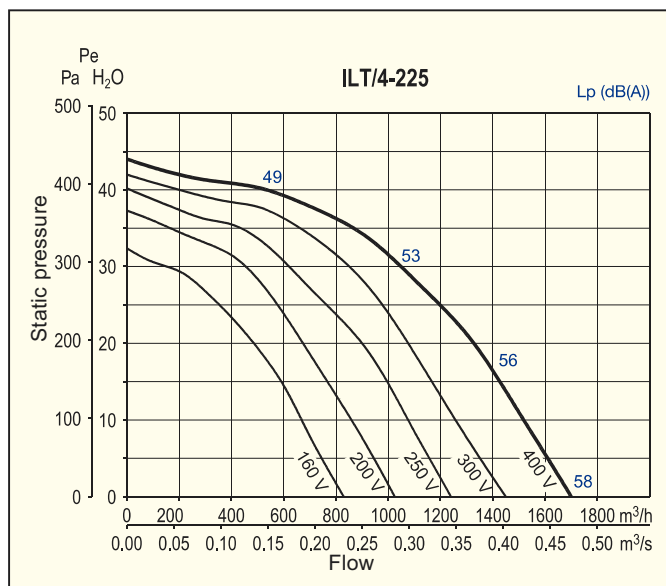
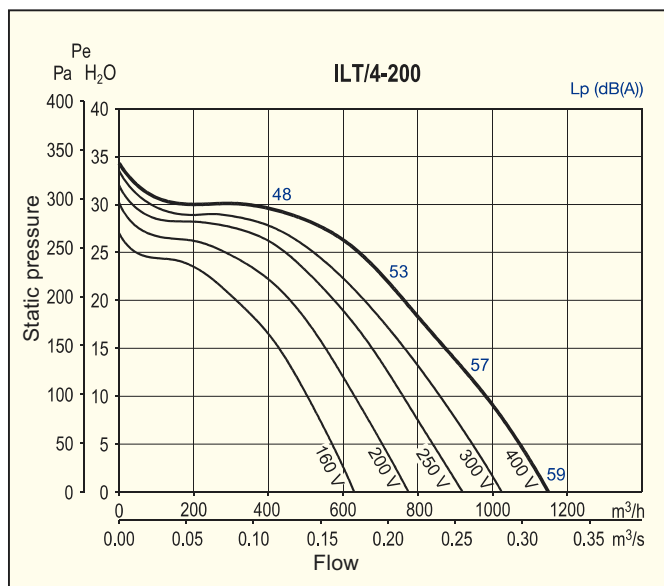
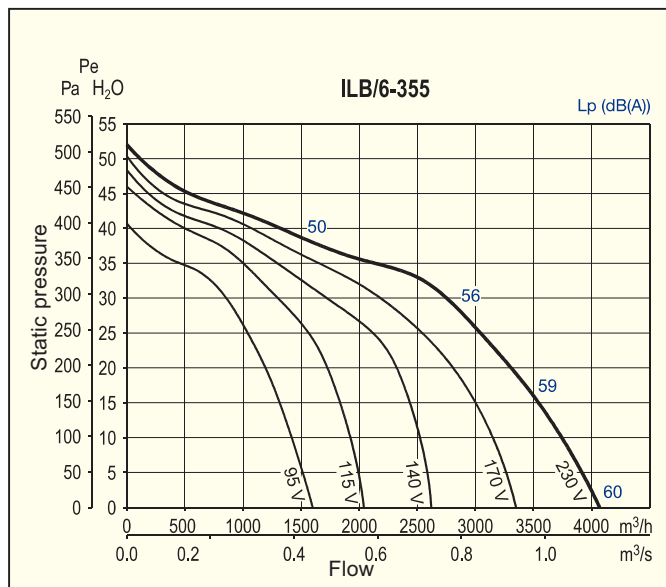
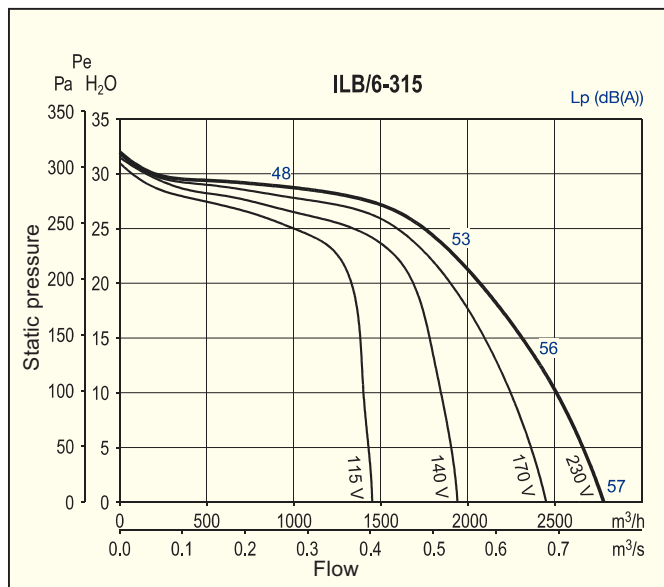
Accessories

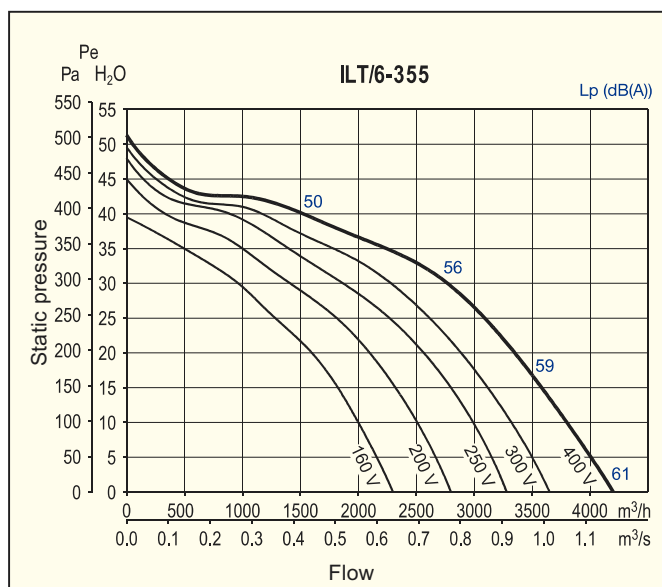
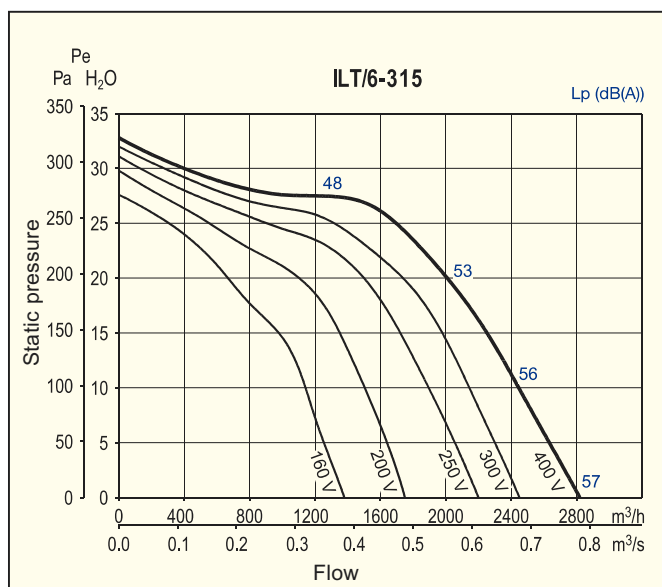
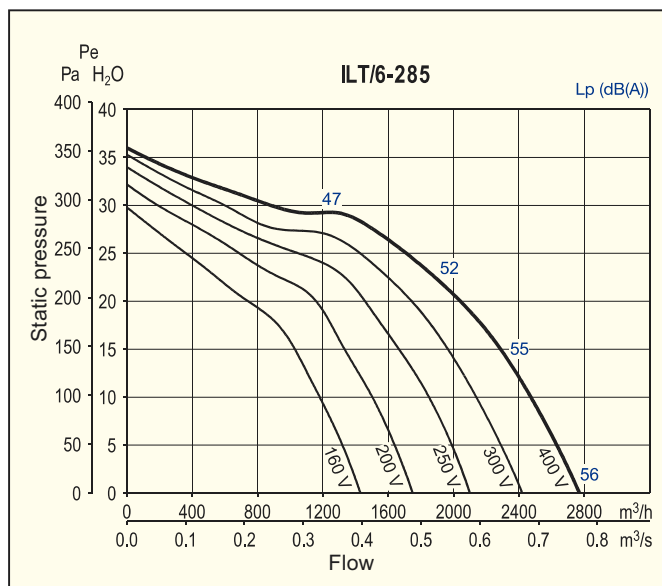
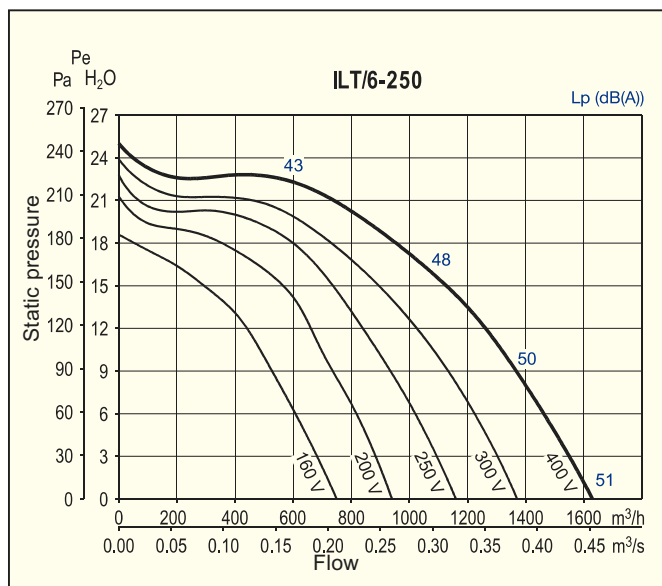
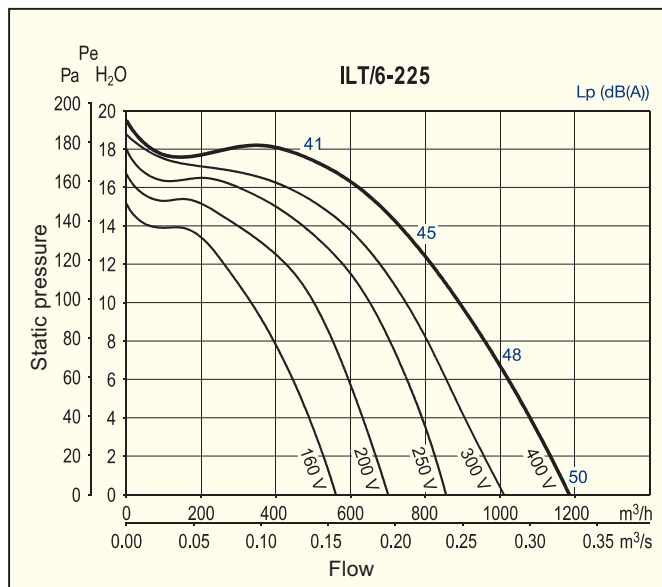
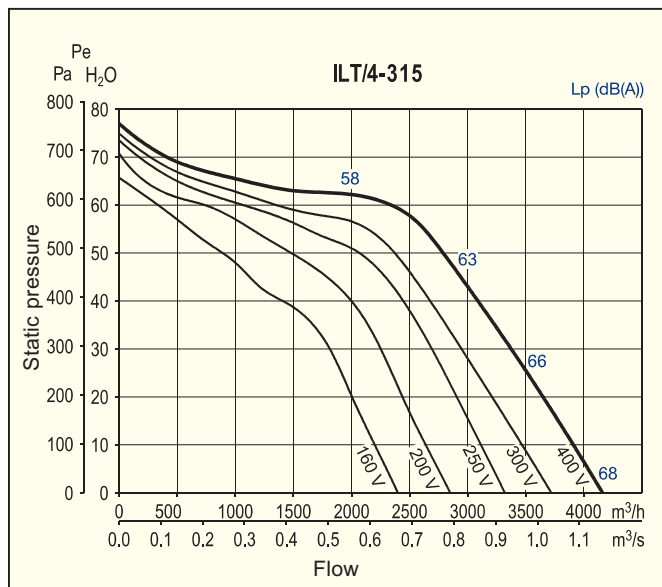
Variable speed controls, REB (ILB200+ILB315), RMB, RMT.

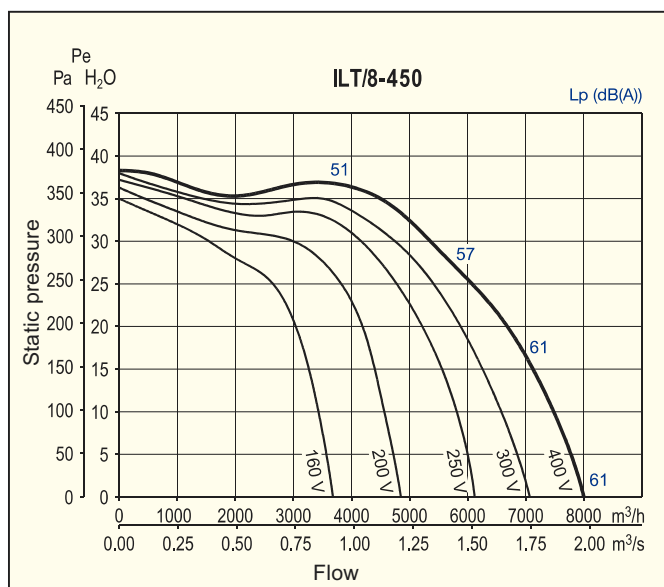
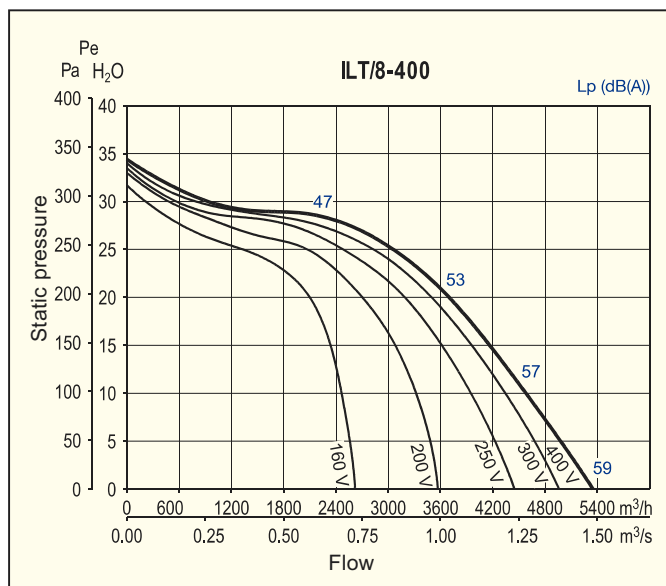
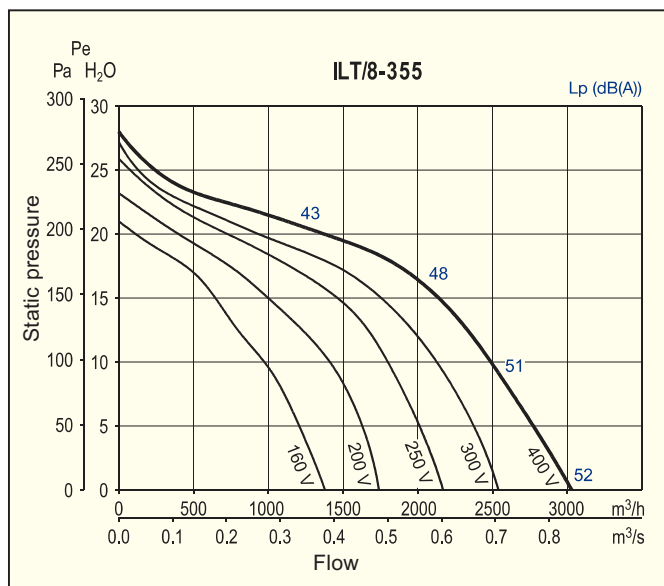
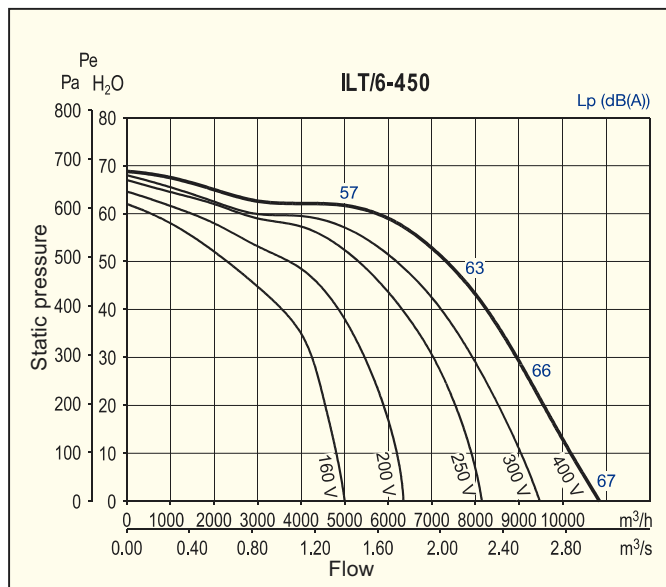
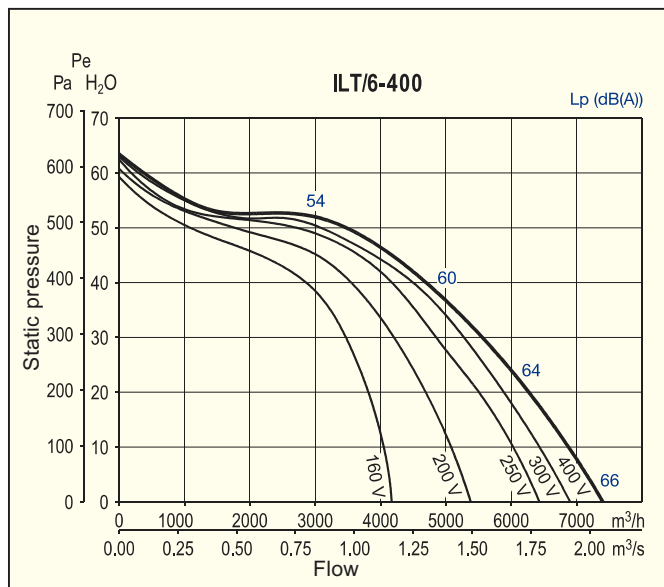
Technical specification

	Type	Speed rpm	Motor power W	Maximum current A		Maximum duty m³/h	Sound level dB (A)	Weight kg	Article number
				230V	400V				
single-phase	4-pole								
	ILB/4-200	1240	240	1.15		1090	57	15	112 208 215
	ILB/4-225	1130	520	2.45		1670	65	20	112 208 218
	ILB/4-250	1130	950	4.40		2350	66	25	112 208 221
	6-pole								
	ILB/6-225	800	200	1.00		1080	56	20	112 208 225
	ILB/6-250	800	310	1.50		1500	57	25	112 208 228
	ILB/6-285	825	660	3.20		2650	62	32	112 208 231
	ILB/6-315	810	710	3.40		2780	62	40	112 208 235
ILB/6-355	800	1300	6.30		4070	64	60	112 208 238	
three-phase	4-pole								
	ILT/4-200	1270	260		0.52	1150	57	15	112 208 241
	ILT/4-225	1160	500		0.98	1700	65	20	112 208 245
	ILT/4-250	1170	930		1.77	2650	66	25	112 208 248
	ILT/4-285	1070	1260		2.40	3100	68	32	112 208 251
	ILT/4-315	1390	2440		4.60	4160	70	42	112 208 255
	6-pole								
	ILT/6-225	840	220		0.57	1185	56	20	112 208 258
	ILT/6-250	800	280		0.57	1630	57	25	112 208 261
	ILT/6-285	840	670		1.33	2700	62	32	112 208 265
	ILT/6-315	900	710		1.44	2820	62	40	112 208 268
	ILT/6-355	875	1380		3.00	4200	64	65	112 208 271
	ILT/6-400	950	3000		6.37	7400	69	80	112 208 275
	ILT/6-450	900	5350		10.00	10850	71	100	112 208 278
	8-pole								
ILT/8-355	660	614		1.33	3030	56	65	112 208 281	
ILT/8-400	710	1340		2.84	5350	63	80	112 208 285	
ILT/8-450	675	2380		4.45	8000	65	100	112 208 288	

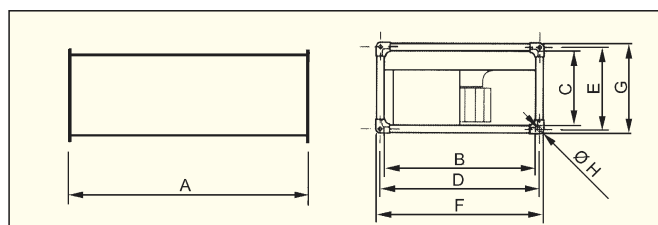








Dimensions in mm



Type	A	B	C	D	E	F	G	ØH
200	505	400	198	420	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