

- Inline duct fan
- Circular
- Monophase motor
- EC motor
- 1~230 Vac



Circular duct fans type ETAMASTER EC

Very compact mixed flow duct fan with high efficiency

Application

- They are to be installed directly into the duct system. The appealing design is especially suitable for visible installation. The compact design and the reduced weight contribute decisively to an easy installation

Composition

- Corrosion and weather resistant plastic housing in basalt gray colour (RAL7012)
- Motor is 230V~, 50Hz, 1ph, with 3 speed levels
- Impeller: diagonal fan with three-dimensionally curved impeller blades and three-dimensional guiding vanes. This results in the highest aerodynamic efficiency. The impeller is balanced in two planes (G6.3 DIN ISO 1940)
- Protection class: IP00
- Insulation class F
- A built-in thermostatic switch protects the motor from overload

Accessories

- Fitting clamps, type **BMK**
- Safety guard, type **BSV-S**
- Potentiometer, type **ESCP010**

Order example

ETAMASTER 150L EC 01 + ESCP010

ETAMASTER = type of fan

150L = diameter (large housing)

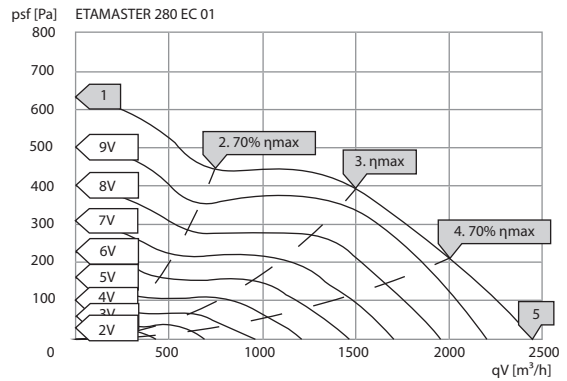
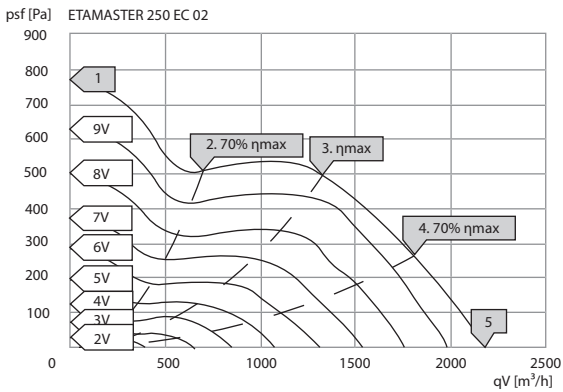
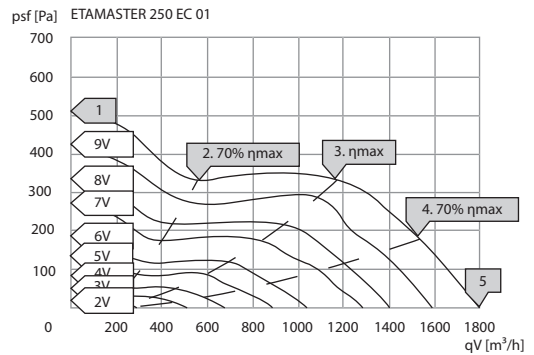
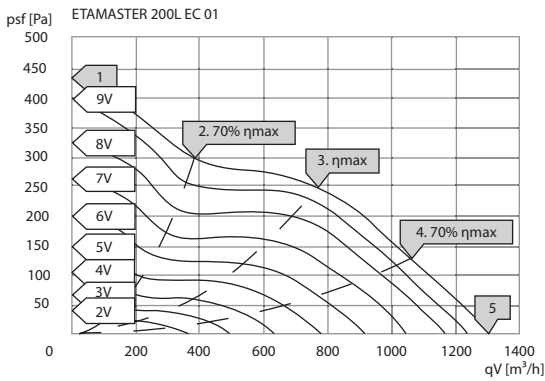
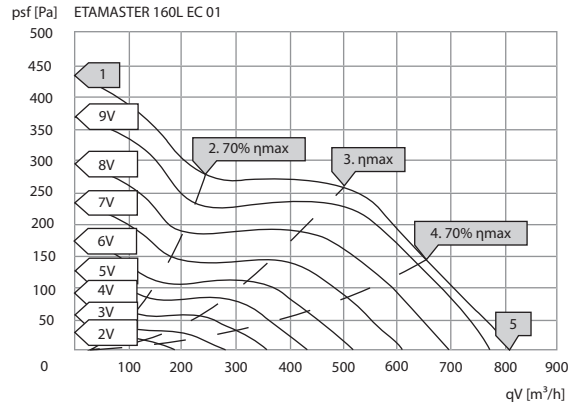
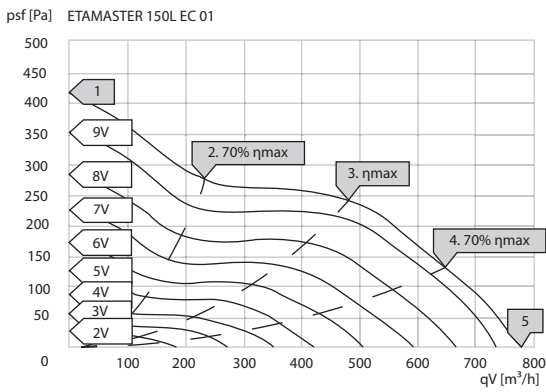
EC = EC-motor

01 = type

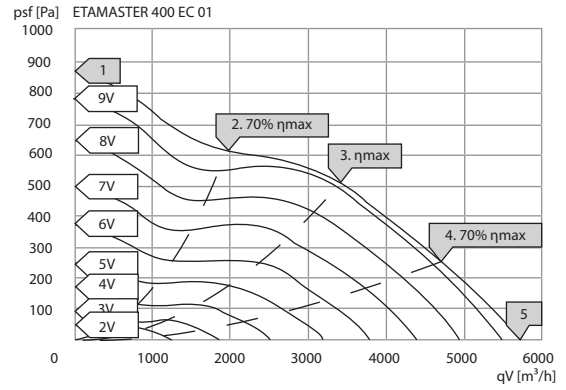
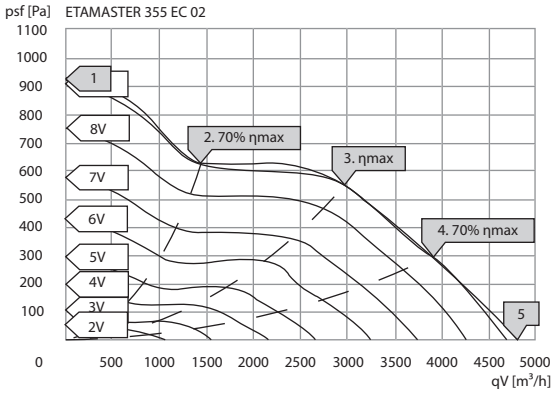
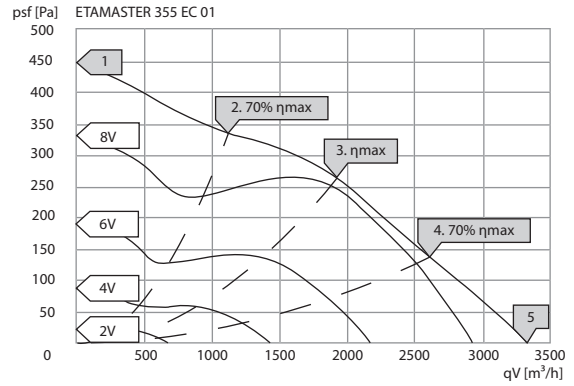
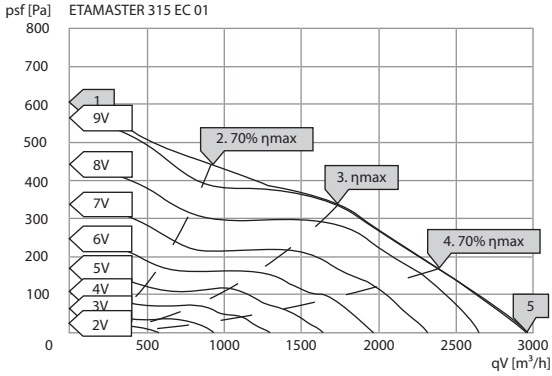
ESCP010 = potentiometer

	Air performance data											
	Q [m³/h]											
	50Pa	100Pa	150Pa	200Pa	250Pa	300Pa	400Pa	500Pa	600Pa	700Pa	800Pa	900Pa
ETAMASTER 160L EC 01	762	708	650	593	529	204	-	-	-	-	-	-
ETAMASTER 200 EC 01	1218	1118	1013	907	766	383	125	-	-	-	-	-
ETAMASTER 250 EC K 01	1800	1700	1600	1475	1350	1230	1075	500	-	-	-	-
ETAMASTER 250 EC 02	2112	2044	1971	1896	1818	1735	1557	1325	441	288	-	-
ETAMASTER 280 EC 01	2353	2245	2131	2019	1902	1775	1465	545	230	-	-	-
ETAMASTER 315 EC 01	2805	2634	2462	2277	2071	1885	1179	524	-	-	-	-
ETAMASTER 355 EC 01	3082	2817	2544	2263	2014	1639	499	-	-	-	-	-
ETAMASTER 355 EC 02	4662	4520	4367	4207	4049	3887	3546	3178	2662	1130	857	383
ETAMASTER 400 EC 01	5532	5342	5135	4935	4722	4494	3951	3459	2257	1220	661	-

Selection curves

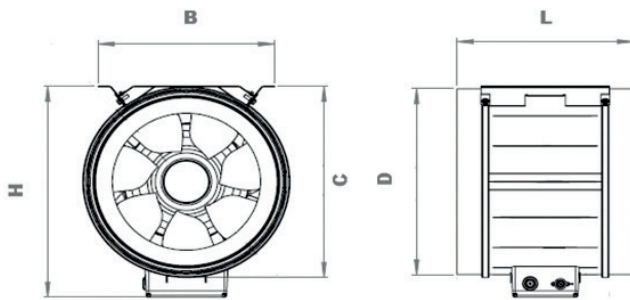


Selection curves



	Technical data										Lwa [dB(A)]		
	U [V]	P [W]	I [A]	SC _P	η _t [%]	T _m [°C]	T _u [°C]	To [°C]	n [rpm]	Lwa 5	Lwa 6	Lwa 2	
ETAMASTER 160L EC 01	1 x 230	73	0.7	ESCP010	52.8	45	45	-30	3730	73	76	56	
ETAMASTER 200 EC 01	1 x 230	121	1	ESCP010	48	45	45	-30	3170	76	79	62	
ETAMASTER 200 EC K 01	1 x 230	179	1.5	ESCP010	63.9	45	45	-30	3110	78	80	67	
ETAMASTER 250 EC K 01	1 x 230	189	1.42	ESCP010	66.9	50	50	-30	3279	76	79	62	
ETAMASTER 250 EC 02	1 x 230	304	2.1	ESCP010	62.3	45	45	-30	3880	81	85	65	
ETAMASTER 315 EC 01	1 x 230	282	2	ESCP010	56.7	45	45	-30	2800	79	82	71	
ETAMASTER 355 EC 01	1 x 230	261	1.8	ESCP010	56.5	35	35	-25	2170	75	78	62	
ETAMASTER 355 EC 02	1 x 230	731	3.4	ESCP010	62	60	60	-25	3010	84	87	68	
ETAMASTER 400 EC 01	1 x 230	729	3.4	ESCP010	65.3	60	60	-25	2620	82	86	62	

- SC_P = Potentiometer 0-10V
- η_t = Maximum total efficiency
- T_m = Maximum air temperature
- T_u = Maximum ambient temperature
- To = Minimum operating temperature
- Lwa 2 = Casing sound power level
- Lwa 5 = Sound power level @inlet
- Lwa 6 = Sound power level @outlet
- The sound power levels are measured according to DIN 45635 part 2 & 38



	Dimensions					
	B [mm]	C [mm]	D [mm]	H [mm]	L [mm]	[kg]
ETAMASTER 160L EC 01	137,7	210,1	159	238,5	289	2,6
ETAMASTER 200 EC 01	163	252	199	280,2	325	3,2
ETAMASTER 250 EC K 01	169,7	268	249	299,4	215	5,7
ETAMASTER 250 EC 02	169,7	268	249	299,4	215	4,1
ETAMASTER 315 EC 01	284	325,1	314	361,4	300	6,9
ETAMASTER 355 EC 01	316	365	354	401	325	8,7
ETAMASTER 355 EC 02	316	365	354	401	325	9,8
ETAMASTER 400 EC 01	350	410	399	452	350	11,7