



Constant pressure fan casing - safety switch and EC motor type ECOKAT EC LOBBY+

The range consists of 3 different sizes and covers flow rates from 200 to 5000 m³/h 400°C - 1/2 hrs

Application

- **ECOKAT EC LOBBY** fans are used for air supply or exhaust of offices, restaurants or shops

Composition

- Galvanized sheet steel housing
- Two circular branch connections with double lip seals
- EC motor Ziehl Abegg IE3 (Premium Efficiency)
- Motor out of the airstream
- Removable access panels
- Control panel with IP54 LCD display
- Direct drive
- 2 regulation modes: LOBBY, BLUETECH:
 1. **LOBBY** operation self-regulates in constant pressure mode. Factory set at 180 Pa, this pressure may be adjusted from the built-in control panel
 2. **BLUETECH** operation is factory pre-regulated using a new and innovative programme which provides maximum optimisation of consumption according to the actual requirements of the building and also guarantees very low noise levels. These features reduce the energy consumption

Accessories

- VAV-boxes, type **VAV-CS**, **VAV-B** and **VAV-RS**

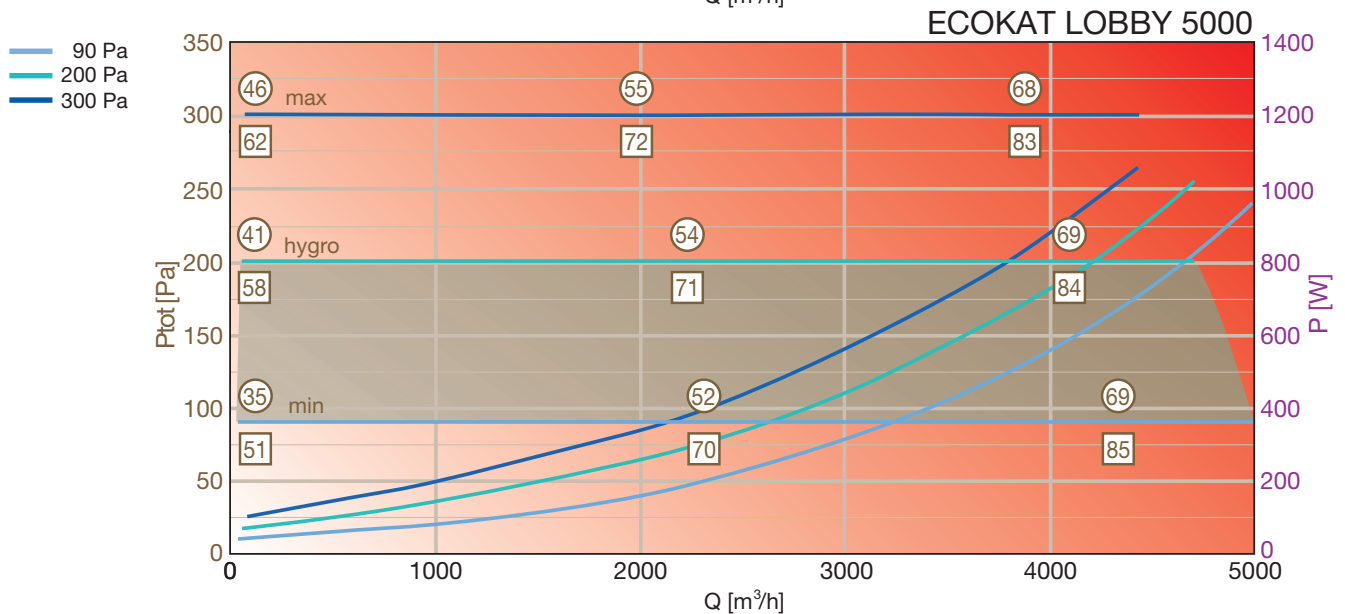
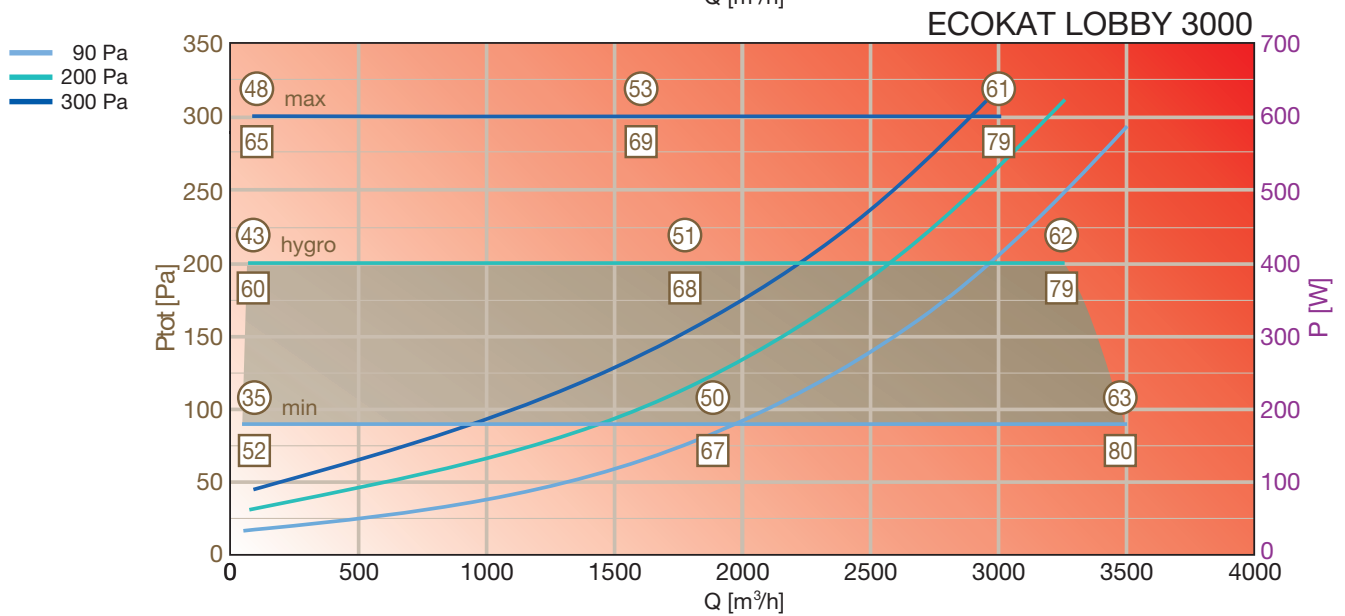
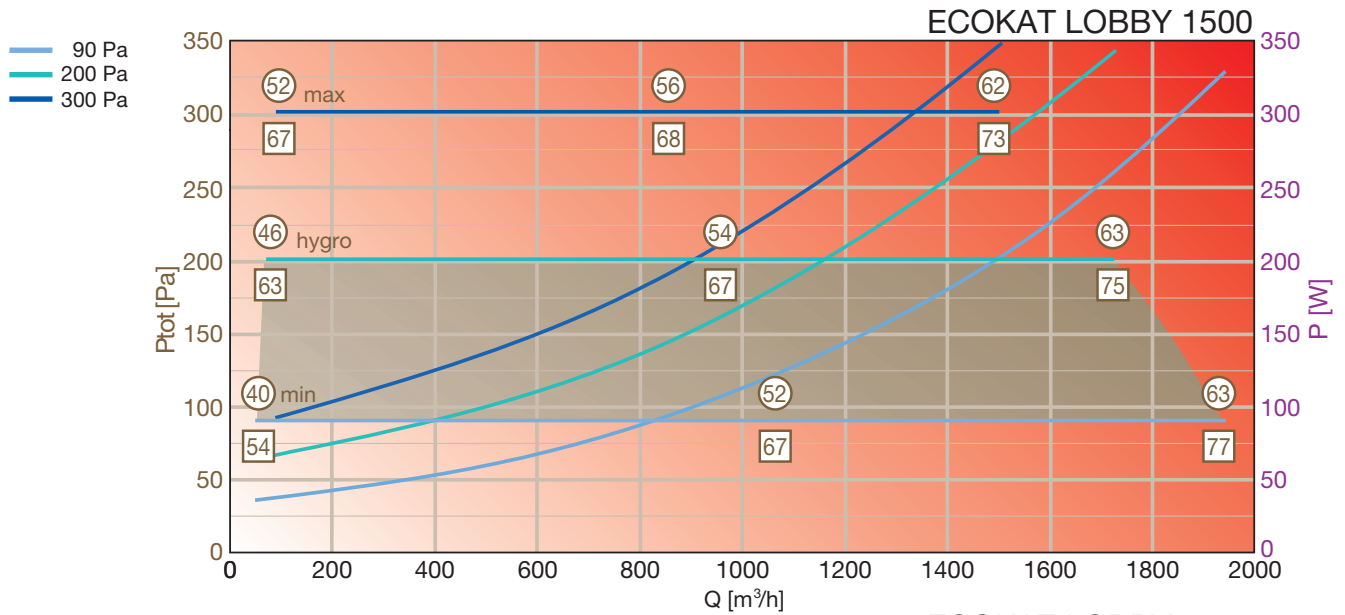
Order example

ECOKAT-EC LOBBY+ 1500

ECOKAT-EC LOBBY+: type of fan

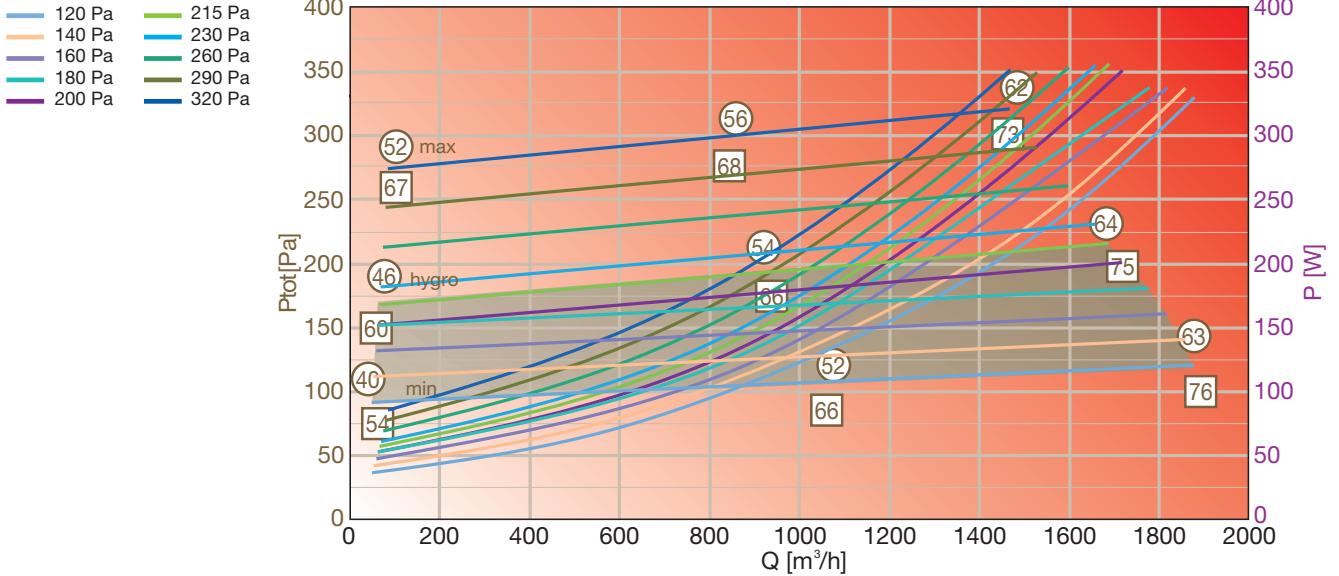
1500: maximum airflow

Selection curves

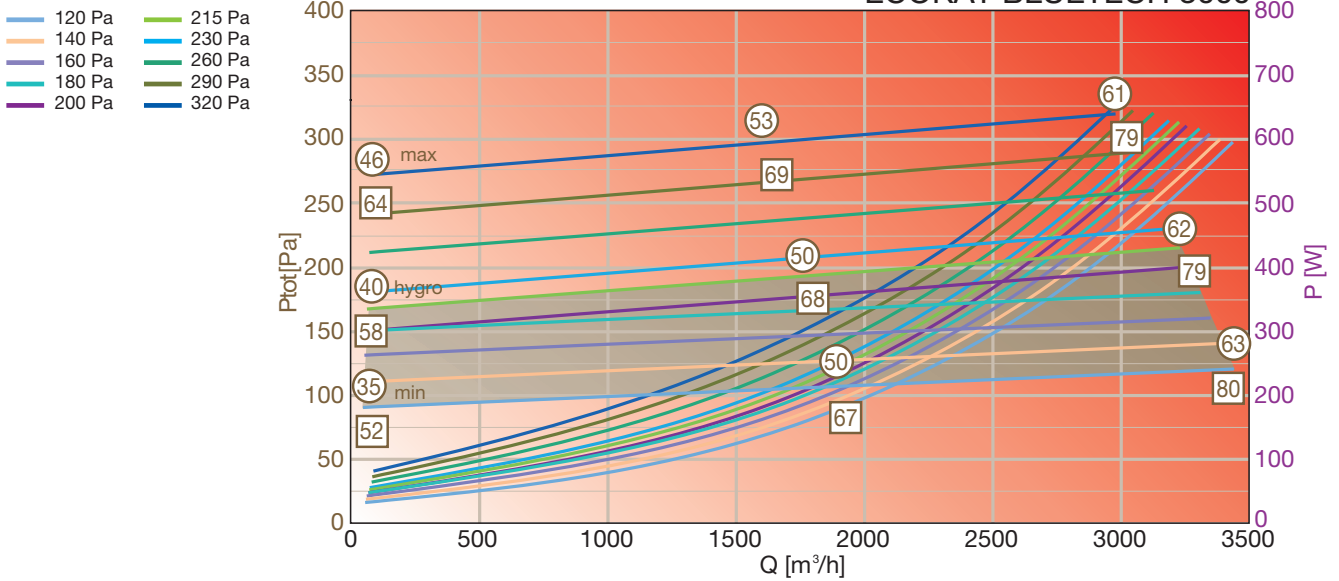


Selection curves

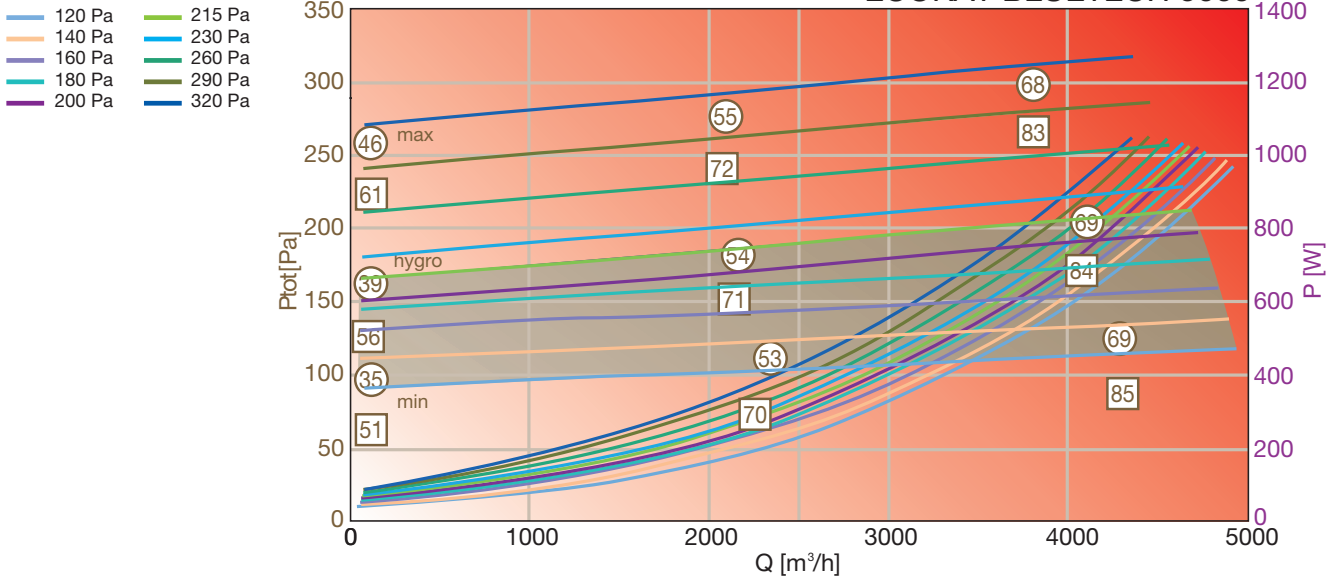
ECOKAT BLUETECH 1500



ECOKAT BLUETECH 3000

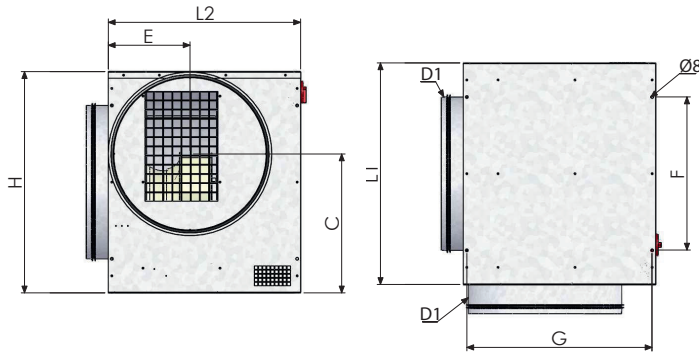


ECOKAT BLUETECH 5000



Technical data						
	V [V]	P [W]	I [A]	Tm [°C]	To [°C]	IP
ECOKAT-EC LOBBY+ 1500	1 x 230	360	1.90	40	-20	IP54
ECOKAT-EC LOBBY+ 3000	1 x 230	650	3.50	40	-20	IP54
ECOKAT-EC LOBBY+ 5000	3 x 400	1200	2.70	40	-20	IP44

- Tm = Maximum air temperature
- To = Minimum operating temperature



	Dimensions								
	L1 [mm]	L2 [mm]	H [mm]	F [mm]	G [mm]	C [mm]	E [mm]	D1 [mm]	[kg]
ECOKAT-EC LOBBY+ 1500	520	510	520	370	490	335	185	315	35
ECOKAT-EC LOBBY+ 3000	650	565	650	450	545	410	240	450	50
ECOKAT-EC LOBBY+ 5000	730	670	730	550	650	460	290	500	63