



Range of roof mounted mixed flow fans, specially designed for the extraction of potentially hazardous and explosive gases, manufactured from sheet steel protected with black polyester paint coating (except TH-800/200 manufactured from plastic to prevent retention of static electricity, base and cap manufactured from sheet steel protected with black polyester paint coating). Bird-proof guard. Detachable fan unit without demounting duct connections.

**TH ATEX motors**

- Single Phase 230V 50 Hz
  - IP44 Class B
  - ATEX Increased safety-Gas
    - For models 250 and 315.
      - Ⓢ IIG Exe IIC T3 Gb
      - EC: LOM 11 ATEX 2021 X Supplement 1
    - For model 800
      - Ⓢ IIG Exe IIC T3 Gb
      - EC: LOM 08 ATEX 2052 X Supplement 2
- See data for selection or refer to Easyvent



**IP55, external terminal box**  
External terminal box, easy access, IP55, fireproof plastic V0.



**ATEX capacitor.**

**Specific applications**



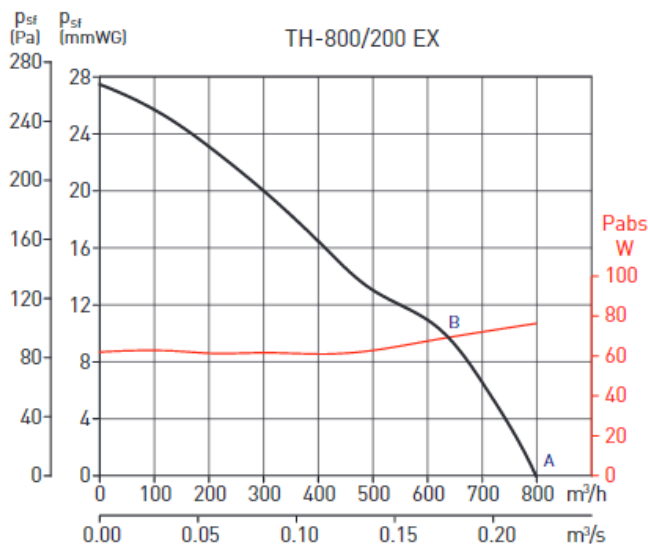
**TECHNICAL CHARACTERISTICS**

Model	Speed (rpm)	Maximum absorbed power (W)	Maximum absorbed current (A)	Maximum airflow (m³/h)	Working temperature (°C)	Sound pressure level* (dB(A))		Weight (kg)
						Inlet	Outlet	
TH-800/200 EX	2450	120	0,50	800	-20/+40	58	59	8
TH-1100/250 EX	2630	197	0,85	965	-20/+40	55	63	22
TH-1200/315 EX	2600	170	0,74	1150	-20/+40	52	56	28

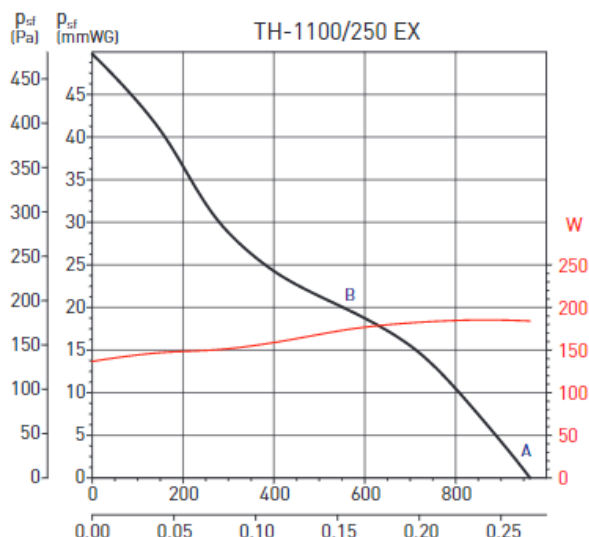
\* Sound pressure level, measured at 3 m in free field conditions, at point "A" of the performance curve.

## PERFORMANCE CURVES

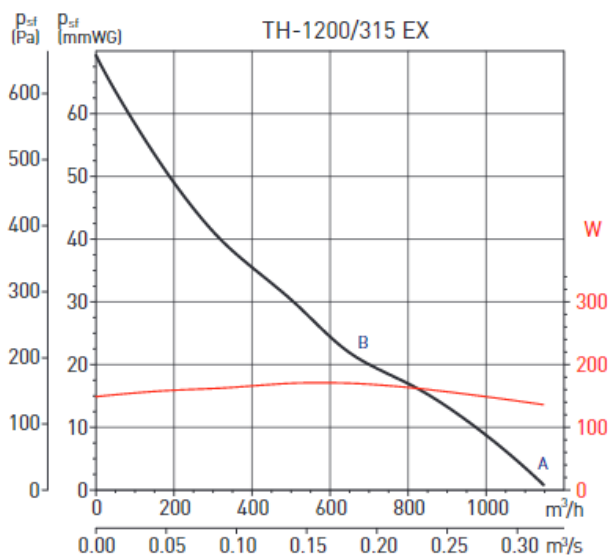
- $q_v$ : Airflow in  $m^3/h$  and  $m^3/s$ .
- $p_{st}$ : Static pressure in mmWG and Pa.
- Dry air at 20°C and 760 mmHg.
- Performance data in accordance with ISO 5801 and AMCA 210-99 Standards.
- LwA: Sound power level measured at inlet and outlet in dB(A).



TH-800/200 EX		63	125	250	500	1.000	2.000	4.000	8.000	LwA
Inlet	A	19	44	64	73	75	70	65	57	78
	B	25	53	67	75	76	71	64	55	80
Outlet	A	42	51	64	76	75	72	66	57	80
	B	39	56	69	80	78	72	64	55	83



TH-1100/250 EX		63	125	250	500	1.000	2.000	4.000	8.000	LwA
Inlet	A	40	51	64	68	69	72	63	57	75
	B	39	53	68	69	67	68	62	54	74
Outlet	A	54	55	68	78	80	78	67	58	84
	B	39	53	69	75	76	74	66	57	80



TH-1200/315 EX		63	125	250	500	1.000	2.000	4.000	8.000	LwA
Inlet	A	29	45	61	62	68	68	62	56	72
	B	39	49	70	66	68	69	62	56	75
Outlet	A	42	52	66	70	74	66	64	56	77
	B	38	44	74	72	72	72	65	56	79