VentEurope VENTILATION

Industrial

Roof mounted axial flow fan VE-AXR-F400 series

- Axial Roof-mounted extractor fans with horizantal air outlet, designed for extracting large air volumes in industrial or similar premises.
- F400-400 ºC 2 Hours Operation
- Long casing with motor inside the duct.
- Standard diameters from 400 until 1120mm.
- Steel welded casing, equipped with mounting plate, external terminal box, horizontal outlet through high quality steel with grid.
- Standard hot dip galvanized after construction.
- Direct driven.
- Standart Cast aluminum or cast iron motor.
- Impeller with cast aluminum center boss and Alumimium blade or plastics blades.
- The corrosion-proof finish of powder coating paint at 190º C, previously degreased with phosphate-free nanotechnological treatment.
- Air flow: impeller to motor.
- F Class IE2 motors with ball bearings and IP55 protection.
- IE3 efficiency motors for powers equal to or greater than 0.75kW**.
- 2-speed motors avaliable**.
- 2 and 8-pole fans depending on diameter**.
- Special windings for different voltages and frequencies**.
- Made entirely of stainless steel**.
- Made of hot-dip galvanised steeL**.
- 60 HZ**.

**OPTIONS

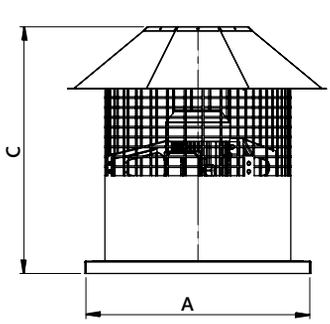
Motor Insulation Class	H Class	Body Coating	None
Motor Protection Class	Ip 54-ip 55	Impeller Material	Aluminium
Motor Efficiency Class	IE1-IE2	Duty Cycle	Iec Duty Cycle-s1
Motor Enclosure Type	Teao	Working Temperature "∞"	-20 - +60 °C
Motor Brand	Weg-wat	Working Temperature "2/h."	+400 °C
Body Material	Galvanized Sheet Metal	Standards	Iec-60335-2-80, Iso 1940-1

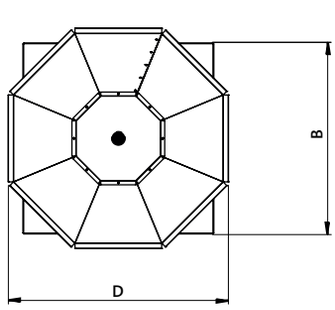
Specifactions

MODEL	VOLTAGE (V)	FREQUENCY (Hz)	POWER (W)	CURRENT (A)	SPEED (rpm/min-1)	MAX.TEMP °C	FLOW RATE (m³/h) At 0 Pa	NOISE LEVEL dB(A)	WEIGHT (kg)
VE-AXR-F400-400-5-25	380	50	0,37	1,3	1390	55	3000	66	18,5
VE-AXR-F400-450-5-25	380	50	0,55	1,9	1365	55	4400	69	20,5
VE-AXR-F400-500-5-25	380	50	0,55	1,9	1365	55	6000	72	23,0
VE-AXR-F400-560-5-25	380	50	0,75	2,0	1415	55	8200	75	28,0
VE-AXR-F400-630-5-30	380	50	1,10	2,6	1420	55	14000	80	32,0
VE-AXR-F400-710-5-30	380	50	1,50	3,7	1430	55	20000	83	38,0
VE-AXR-F400-800-5-30	380	50	2,20	4,7	1430	55	26000	85	55,0
VE-AXR-F400-800-5-35	380	50	3,00	6,5	1440	55	32000	89	57,0
VE-AXR-F400-900-5-35	380	50	4,00	8,8	1440	55	40000	90	71,0
VE-AXR-F400-900-5-40	380	50	5,50	10,9	1455	55	48000	93	87,0
VE-AXR-F400-1000-5-40	380	50	7,50	15,1	1450	55	56000	94	106,0
VE-AXR-F400-900-8-40	380	50	11,00	21,1	1465	55	49000	94	129,0
VE-AXR-F400-1000-8-40	380	50	15,00	28,7	1460	55	65000	97	148,0
VE-AXR-F400-1000-8-45	380	50	18,50	34,5	1470	55	73000	99	166,0
VE-AXR-F400-1120-8-40	380	50	22,00	41,7	1470	55	90000	100	338,0
VE-AXR-F400-1120-8-45	380	50	30,00	54,5	1465	55	100000	102	575,0
Please see the diagrams to find the best working point									

Dimensions

MODEL	A (mm)	B (mm)	C (mm)	D (mm)
VE-AXR-F400 400	500	500	800	640
VE-AXR-F400 450	550	550	800	640
VE-AXR-F400 500	600	600	800	700
VE-AXR-F400 560	650	650	800	760
VE-AXR-F400 630	750	750	850	850
VE-AXR-F400 710	850	850	850	950
VE-AXR-F400 800	950	950	850	1070
VE-AXR-F400 900	1050	1050	1200	1140
VE-AXR-F400 1000	1150	1150	1200	1240
VE-AXR-F400 1120	1250	1250	1200	1390

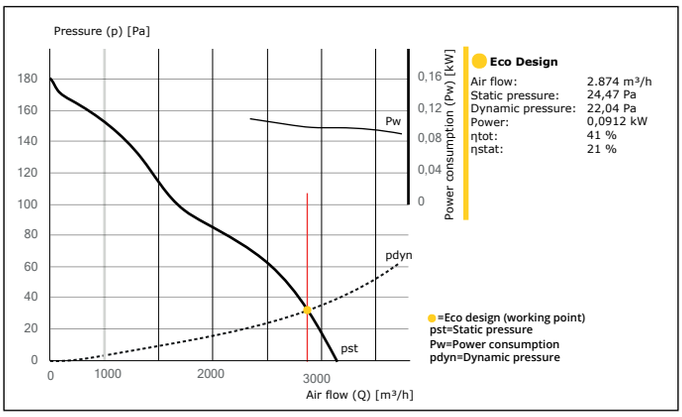




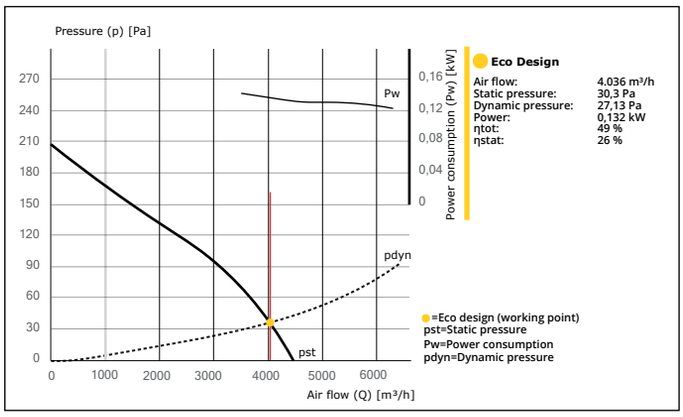
Diagrams

Roof mounted axial flow fan VE-AXR-F400 series

VE-AXR-F400-400-5-25



VE-AXR-F400-450-5-25



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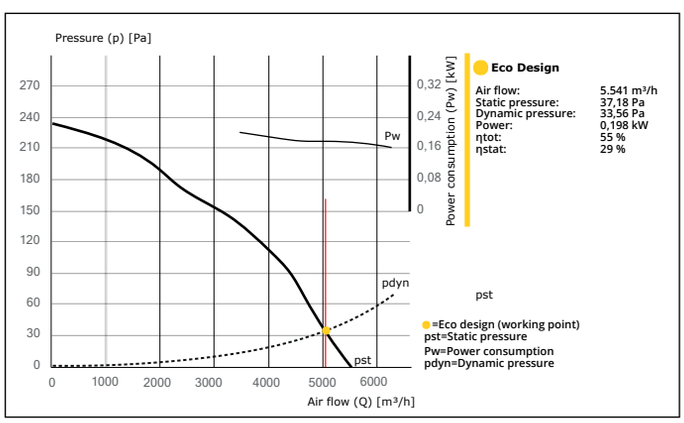
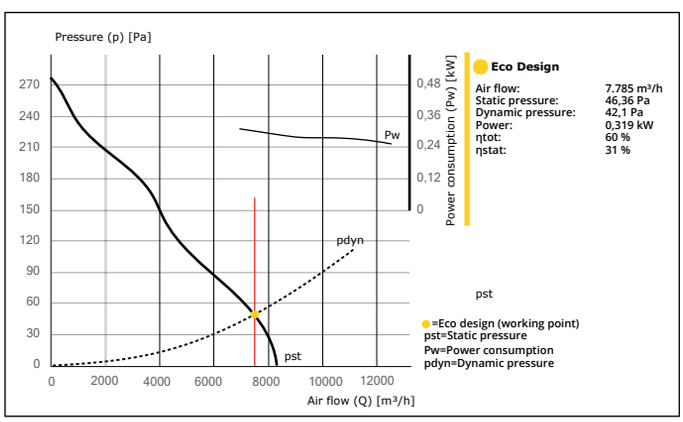
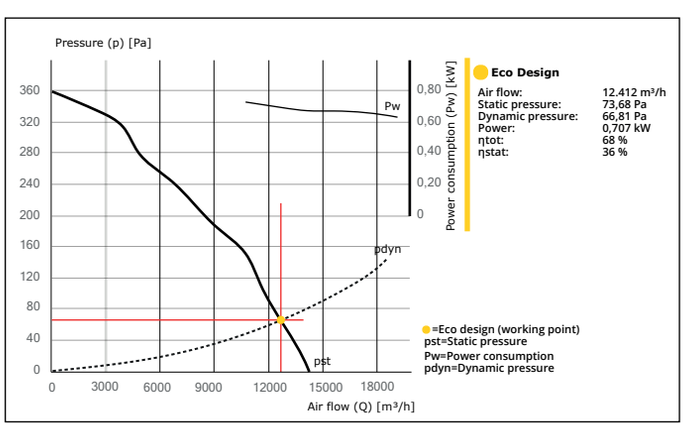


VE-AXR-F400-560-5-25



VE-AXR-F400-630-5-30



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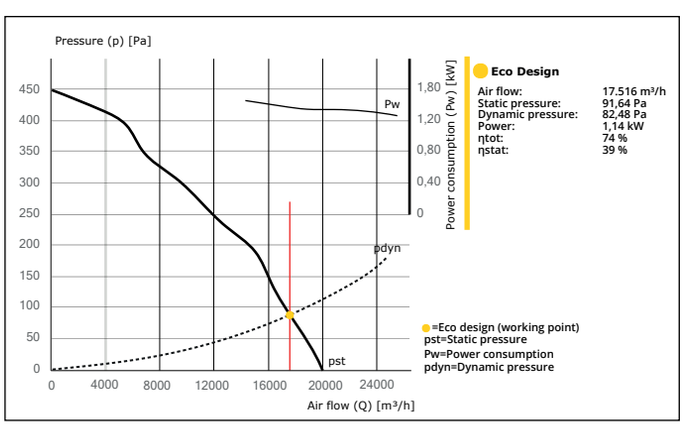
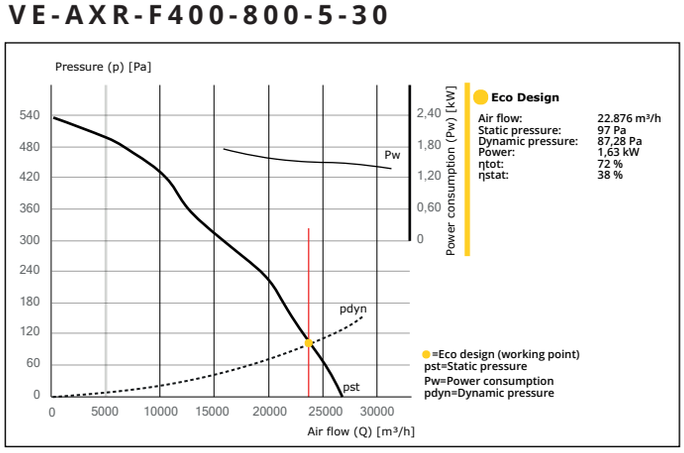


VE-AXR-F400-800-5-30



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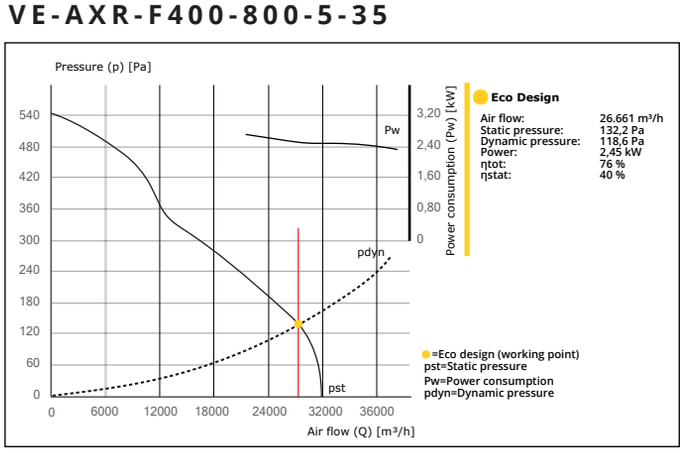

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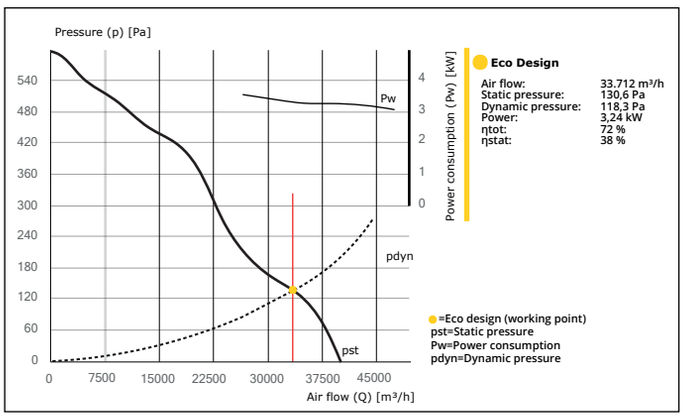
VE-AXR-F400-900-5-35



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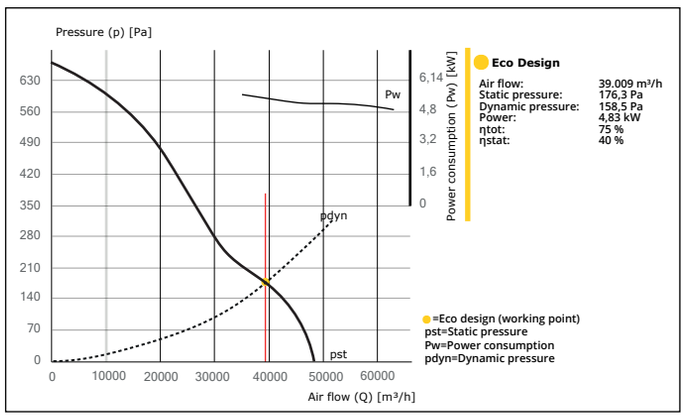

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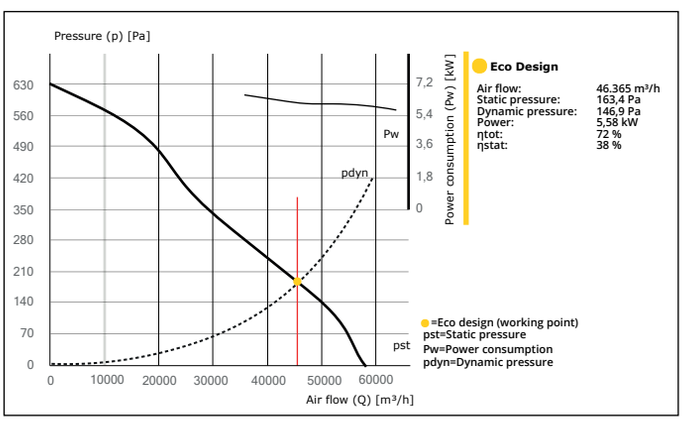

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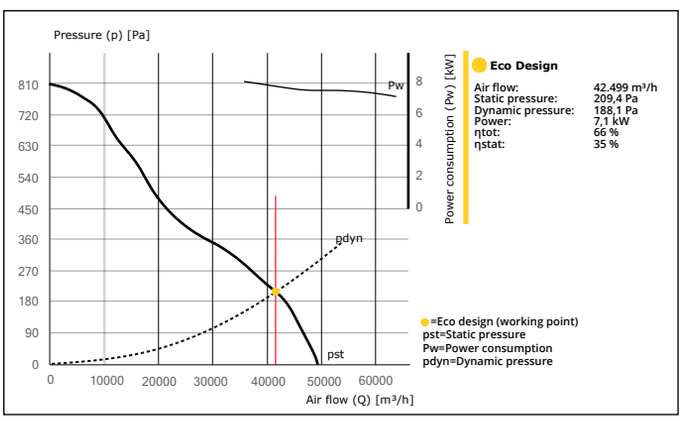

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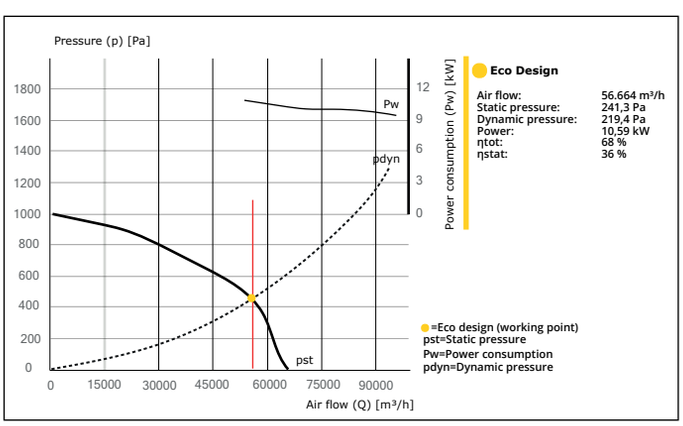

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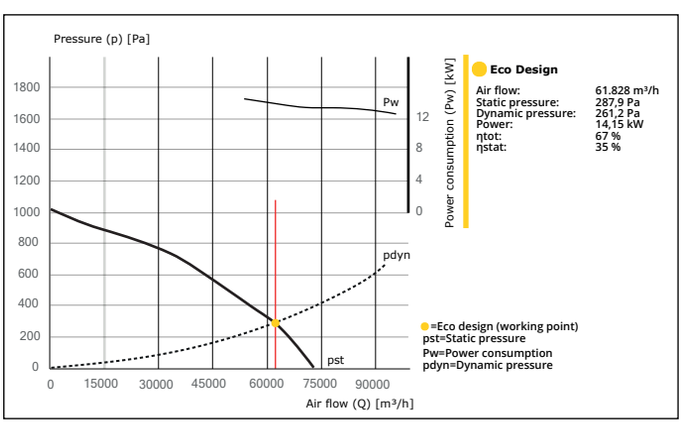

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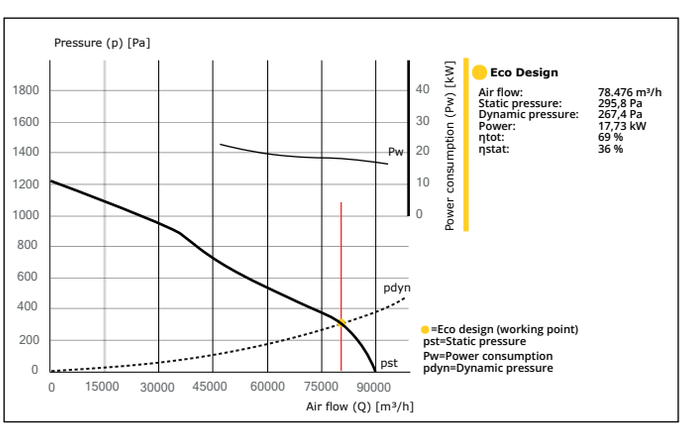

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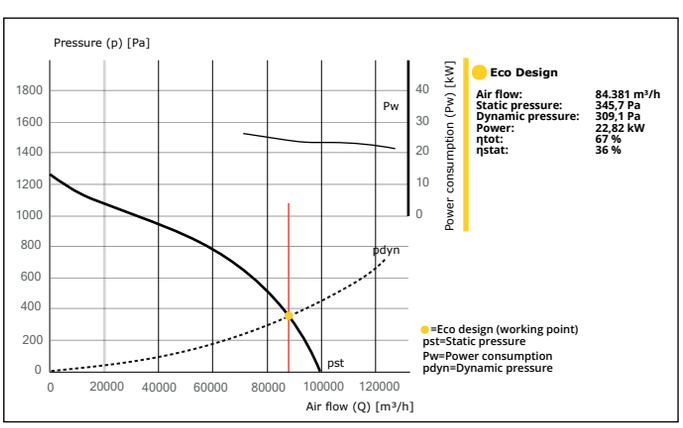

Industrial Axial Smoke Exhaust Roof Fan