

date	30/09/2020	page	2/5
offer n°		order n°	
From			
address			
reference		Int. reference	
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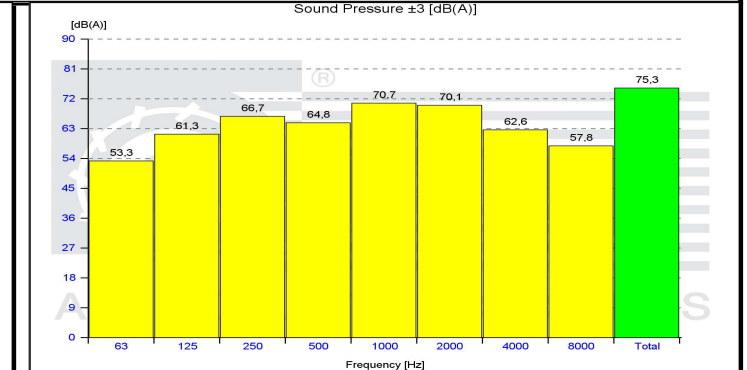
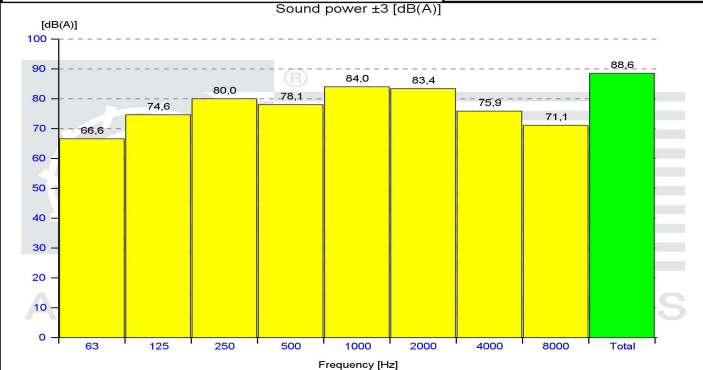
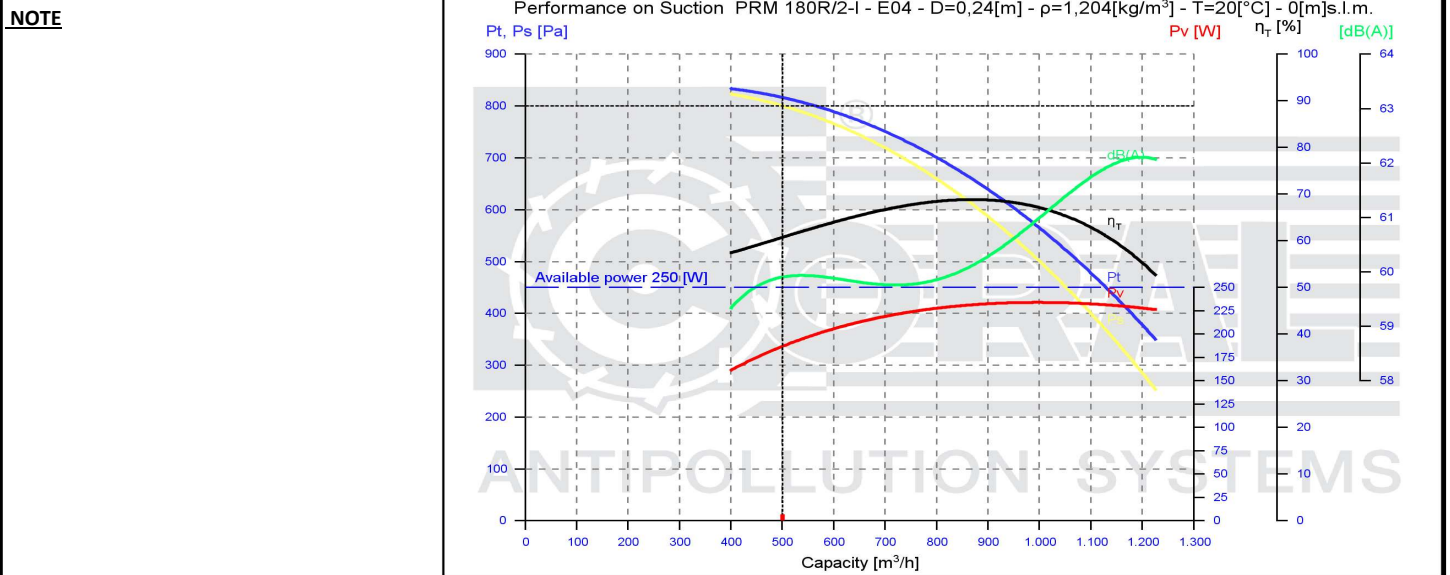
ITEM1

Type and characteristics of your required product		performance on		Suction
Capacity	500 [m3/h]	Capacity (Normal)		466 [Nm3/h]
Total pressure		Static pressure		800 [Pa]
Fluid temperature	20 [°C]	Specific weight of the fluid		1,204 [Kg/m3]
Altitude of installation	0 slm [m]	Specific weight std (20 ° C 0m asl)		1,204 [Kg/m3]

Proposed model and the real characteristics				performance on		Suction
Model	PRM 180R/2-I	Execution	E04	Installation Type	A (free inlet and outlet)	
Specific weight of the fluid	1,204	1,204 [Kg/m3]		Revolution motor speed	2.820	[rpm]
Total pressure	816	816 [Pa]		Fan Rotation	RD 0	
Static pressure	800	800 [Pa]		Sound power LwA	88,56	[dB(A)]
Capacity	500	500 [m3/h]		Sound pressure at mt.1,5 1/2 sf in open field	75,26	[dB(A)]
Capacity (Normal)	466	466 [Nm3/h]		Pipings	s>3mm = +3dB; 1mm<s<3mm = +4,5dB ; s<1mm = +6dB	
Power dem. at shaft	187	187 [W]		Fan efficiency	60,7	%
Motor power demand	187	187 [W]		Efficiency at working point	47,55	%

Motor characteristics for motion				Motor efficiency IEC 60034-30			PD2 impeller	
Code	063B02-50/std	shape	B3	Efficiency	69,9	69,9	65,9	0,1 kgm2
Nominal power	0,25 [kW]	n° poles	2 rpm 2.840	Load	100%	75%	50%	0,1 kgm2
								PD2 motor 0,4 kgm2

ErP 2009/125/CE Regulament (UE) N. 327/2011					
Efficiency grade	61	Target efficiency	45,43 %	Total efficiency	47,55 %
Impeller type	backward blades	Type of test	B/total	Capacity	845,5 [m3/h]
				Pressure	628 [Pa]



values of the noise of fan obtained in ambient not reverberant with inlet and outlet ducts fully insulated