



PREMA540 & PREMA540+

INFORMATION REQUIREMENTS FOR NRUV'S (EU1253/2014)

Commission Regulation 1253/2014	Using the "reference configuration"	
	ERP Product Information	
Manufacturer	Elta Fans Ltd	
Model	PREMA540	
Declared typology	NRVU BVU - Bidirectional Ventilation Unit	
Drive	Variable Speed Drive	
Heat Recovery System HRS	Recuperative	
Thermal Efficiency EN308	82.0%	Dry Efficiency

	Supply	Extract	
Nominal flow rate	0.392	0.392	m ³ /s
Electric input	0.190	0.185	kW
Internal specific fan power (Ventilation components) <i>SFP_{int}</i>	337	329	W/(m ³ /s)
Face velocity at nominal flow rate	1.29	1.29	m/s
Nominal external pressure <i>DPs, ext</i>	50	50	Pa
Internal pressure drop (Ventilation components) <i>ΔPs, int</i>	190		Pa
Internal pressure drop (Non-ventilation components) <i>ΔPs, add</i>	-		Pa
Fan(s) Overall static Eff	56.4	57.9	%
External leakage rate EN1886	L2		Class rating < than
Filter Class	ePM ₁ 5%	ePM ₁₀ 55%	-
Filter energy performance	358	88	kWh Based on Eurovent 4/21 - 2014
Filter energy classification	A+	A+	Based on Eurovent 4/21 - 2014
Filter dirty visual warning	Pressure control		-
Casing sound power level (L _{wa})	50		dB(A)
Casing sound pressure level	29		dBA @ 3m
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