

Table 1 - ProAir 100LI Specifications

Unit	Area Served m ²	Unit Dimensions mm	Power Watts
PA100LI	30 - 70	L 510 H 452 D 295.5	10 - 150

Recair Plate Heat Exchanger - Recair, RS160

Material	Surface area m ²	No. Of plates	Plate thickness mm
Polystyrene	10.26	20	0.2

Fans - ebmpapst

Model	Control input	No. Of fans	Input voltage range
R3G133-RA01-03	Analog	2	0 - 10

Controller - SENTERA

Model	Logic controller	Remote controller	Input voltage
Visual Pro	1	1	24

Filters

Grade	Surface area m ²	Dimensions mm	No. Of filters
G4	0.05	L180 H 118 D 25	2

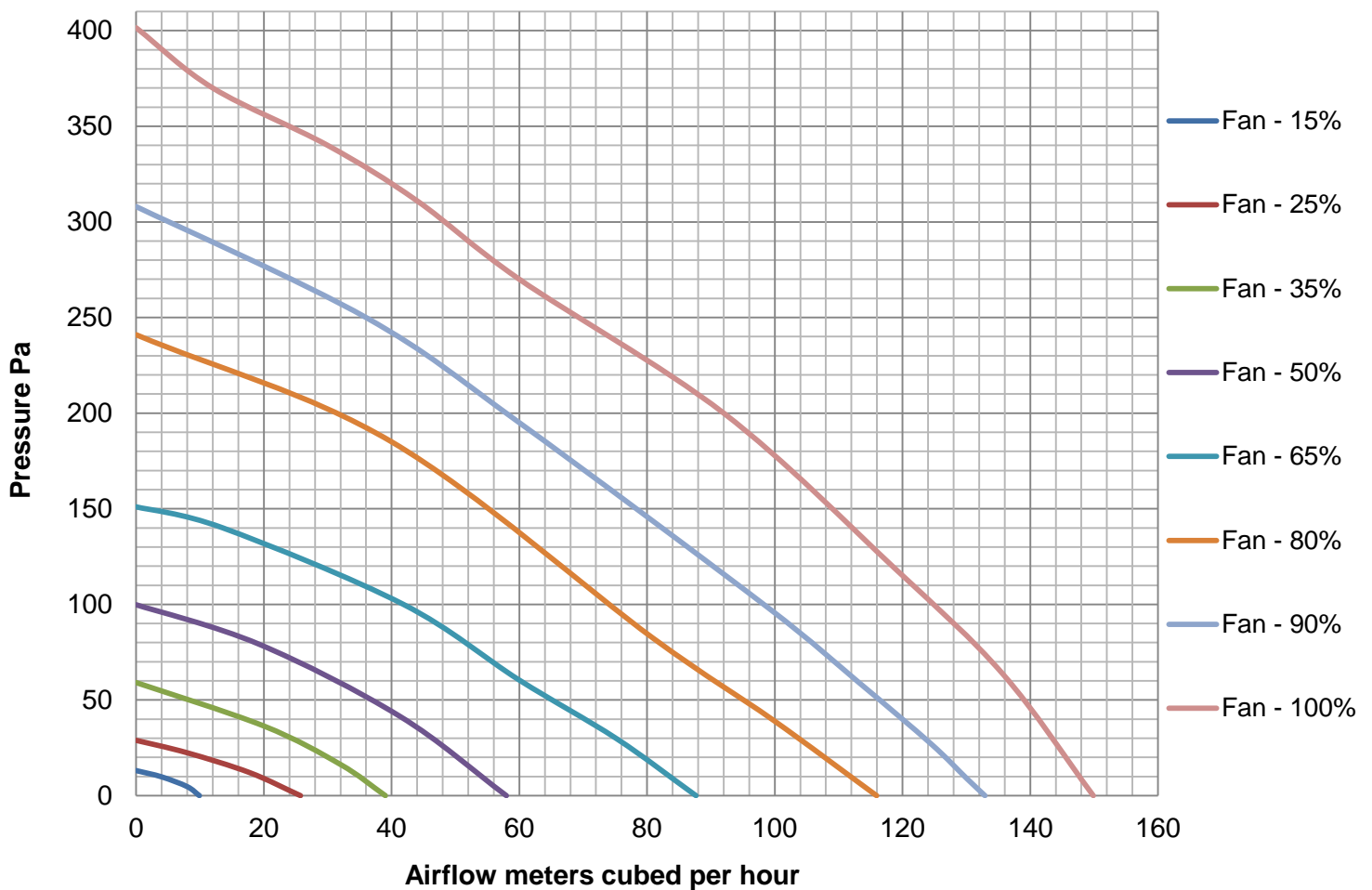
Table 2 - Recorded Temperatures °C @ Volumetric Air Flow Rate =70 m³/hr

Indoor (1)	Waste (2)	Outdoor (3)	Fresh (4)	Heat Recovered W	Condensate l/h
20	-1.5	-20	17.8	947	0.57
20	1.4	-15	18.1	829	0.50
20	4.0	-10	18.3	711	0.50
20	6.5	-5	18.6	592	0.35
20	8.8	0	18.8	474	0.26
20	11.0	5	19.0	355	0.17
20	13.0	10	19.1	273	0.07
20	15.7	15	19.3	118	0.0
20	20	20	20	0.0	0.0

Table 3 - ProAir Visual Pro Controller

Temperature inputs	Analog inputs	Digital inputs	Analog outputs
Ti1: Outdoor Temperature Sensor = Out T	Ai1: CO2 Sensor (optional)	Di1: Stop/Run (with pulse switch)	Ao1: Fan1 output (0-10VDC, 2-10VDC, PWM).
Ti2: Return Air Temperature Sensor = Ret T		Di2: On/off via fire alarm (optional)	Ao2: Fan2 output (0-10VDC, 2-10VDC, PWM).
Ti3: Supply Air Temperature Sensor = Sup T		Di3: Normal/boost via Humidistat (optional)	Ao3: Pre heater Control.
Ti4: Exhaust Air Temperature = Exh T		Di4: Normal/boost via PIR (optional)	

Air flow/pressure curve



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