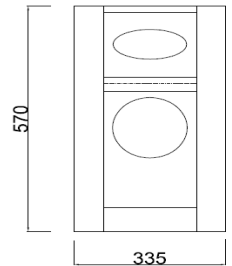
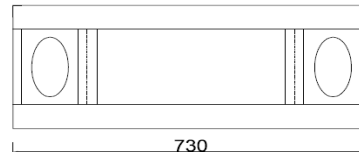


Elevation



End View



Plan

**Table 1 - ProAir 300LI Specifications**

Unit	Area Served m <sup>2</sup>	Unit Dimensions mm	Power Watts
PA300LI	40 - 120	L 730 H 570 D 335	10 - 150

**Recair Plate Heat Exchanger - Recair, RS160**

Material	Surface area m <sup>2</sup>	No. Of plates	Plate thickness mm
Polystyrene	23.325	50	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 <sup>2</sup>	Dimensions mm	No. Of filters
G4	0.08	L255 H 168 D 25	2

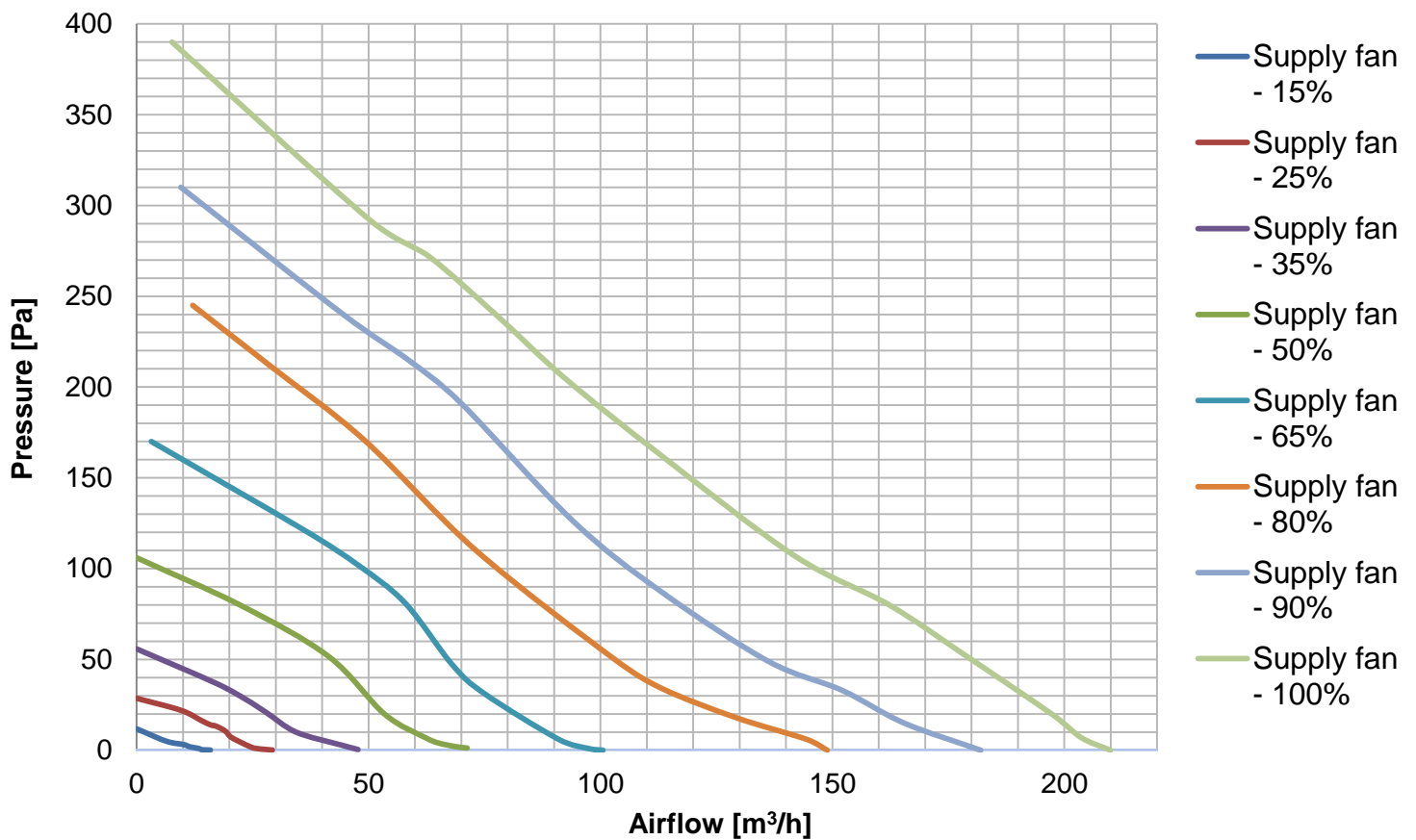
**Recorded Temperatures °C @ Volumetric Air Flow Rate = 120 m<sup>3</sup>/hr**

Indoor (1)	Waste (2)	Outdoor (3)	Fresh (4)	Heat Recovered W	Condensate l/hr.
20	-1.8	-20	18.4	1624	0.98
20	1.1	-15	18.6	1421	0.87
20	3.8	-10	18.3	1218	0.75
20	6.3	-5	19.0	1015	0.61
20	8.6	0	19.1	821	0.46
20	10.8	5	19.3	609	0.30
20	12.9	10	19.4	406	0.13
20	15.5	15	19.5	203	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: CO <sub>2</sub> 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 - PA300LI**



**ProAir Heat Recovery Ventilation Systems Ltd.**

**Head Office**

Unit 1, Polkeen Industrial Est.  
Castlegar, Tuam rd. Co. Galway,  
Ireland.

Telephone: +353 (0) 91 73 9442.

LoCall: 1890 776 247 1890 PROAIR

Email: [proair@proair.ie](mailto:proair@proair.ie)

Website: [www.proair.ie](http://www.proair.ie)

**Dublin Office**

Greenhills Road,  
Walkinstown,  
Dublin 12, Ireland.

Telephone: +353 (0) 86 467 2200.

LoCall: 1890 776 247 1890

PROAIR

Email: [dublin@proair.ie](mailto:dublin@proair.ie)

Website: [www.proair.ie](http://www.proair.ie)

**UK Office**

Unit 21B, Dawkins Road Industrial  
Estate, Hamworthy, Poole, Dorset,  
England.

Telephone: +44 (0) 845 123 7599

Mobile: +44 (0) 78 8183 7101.

Email: [info@proair-systems.co.uk](mailto:info@proair-systems.co.uk)

Website: [www.proair-systems.co.uk](http://www.proair-systems.co.uk)