

## Natural Air 180

Compact mechanical ventilation with heat recovery

The Xpelair Natural Air 180 Mechanical Ventilation with Heat Recovery (MVHR) unit provides whole-house ventilation – fresh air is supplied from outside the premises, while warm, stale, damp air is extracted out.

If pollutants are getting trapped inside homes, we need an efficient method of removing them. The Xpelair Natural Air 180 offers efficient, balanced ventilation that produces healthy indoor air quality while saving energy with its efficient EC ball-bearing motor. Meanwhile, ultra-fine G4 filters ensure a pollutant-free environment. You'll also enjoy a comfortable temperature without annoying draughts or cold spots thanks to the unit's 100% summer bypass and winter defrost functions.

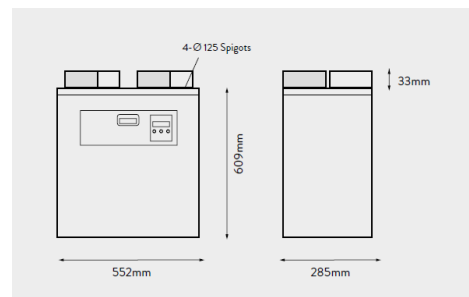
- Particularly suitable for apartments and 2 to 3 bed houses
- A Passivhaus-approved unit is available, complete with in duct heater
- **Constant volume for life:** The Natural Air 180 uses Intelligent Adaptiflow sensing to deliver constant volume performance
- **Clever humidity control:** Unique, active humidistat reacts in real-time to gradual increases in humidity – ideal for even the smallest wetroom
- **Hassle-free maintenance:** Fast, simple access to fans, filters and heat exchanger
- **Datalogger:** The Natural Air 180 has an integral datalogger, recording its daily use
- **Silent nights and days:** Sound absorbing EPP material dampens noise. Direct airflow path minimises internal pressure drop resulting in whisper-quiet operation
- **Low specific fan power:** Smooth pressure drop thanks to energy efficient heat exchanger, G4 filter and unit specific fan configuration



### Key Features

- Sound absorbing EPP construction with metal casing
- Fans are configured for optimal efficiency, with forward curved impellers and housed in robust galvanised steel
- Easy installation in 2 lightweight pieces
- Compact size of only 552mm x 609mm x 285mm (WxHxD)
- Onboard active humidistat
- Control panel located on front door
- Filter change signal
- Easy maintenance with front access
- Customisable with various controls and add-ons
- 100% summer bypass and winter defrost
- 2 year UK manufacturer guarantee

	Natural Air 180	Natural Air 180 PH
Reference Number	93333AW	93319AW
Motor Type	EC	EC
Speeds	trickle/boost/purge	trickle/boost/purge
Maximum Extract Performance (FID, m³/h)	230	230
Maximum Extract Performance (m³/h @250Pa)	218	218
Maximum Extract Performance (FID, l/s)	64	64
Maximum Extract Performance (l/s @250Pa)	60	60
Maximum Fan Power (W)	154	154
Spigot Diameter (mm)	125	125
Weight (Kg)	19.5	19.8
UK Guarantee (years)	2	2



Kitchen	Thermal Efficiency	SAP Appendix Q Data Specific Fan power (Wl/s)	
		2005 Standard	2012 Standard
+1 Additional Wet Room	89%	0.64	0.68
+2 Additional Wet Room	88%	0.66	0.83
+3 Additional Wet Room	86%	0.76	1.04

The Xpelair Natural Air 180 has been designed for easy installation. It comes in 2 lightweight sections – a 9.5Kg metal case and 10Kg EPP structural foam body – meaning that during installation the maximum weights which needs to be lifted at any point is 10Kg.