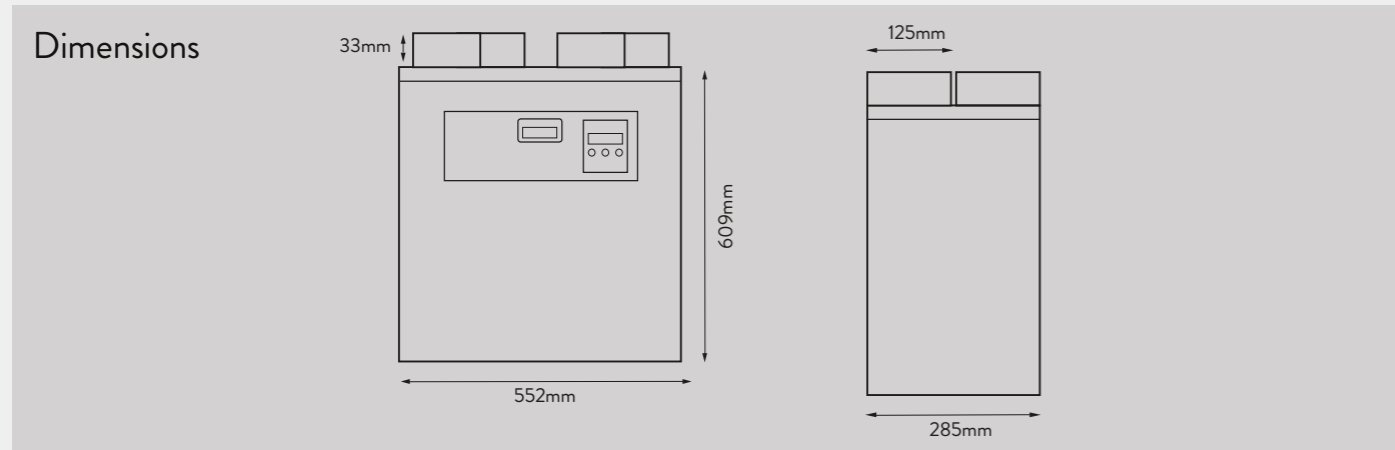


## Natural Air 180 Data



Natural Air 180 Data Table

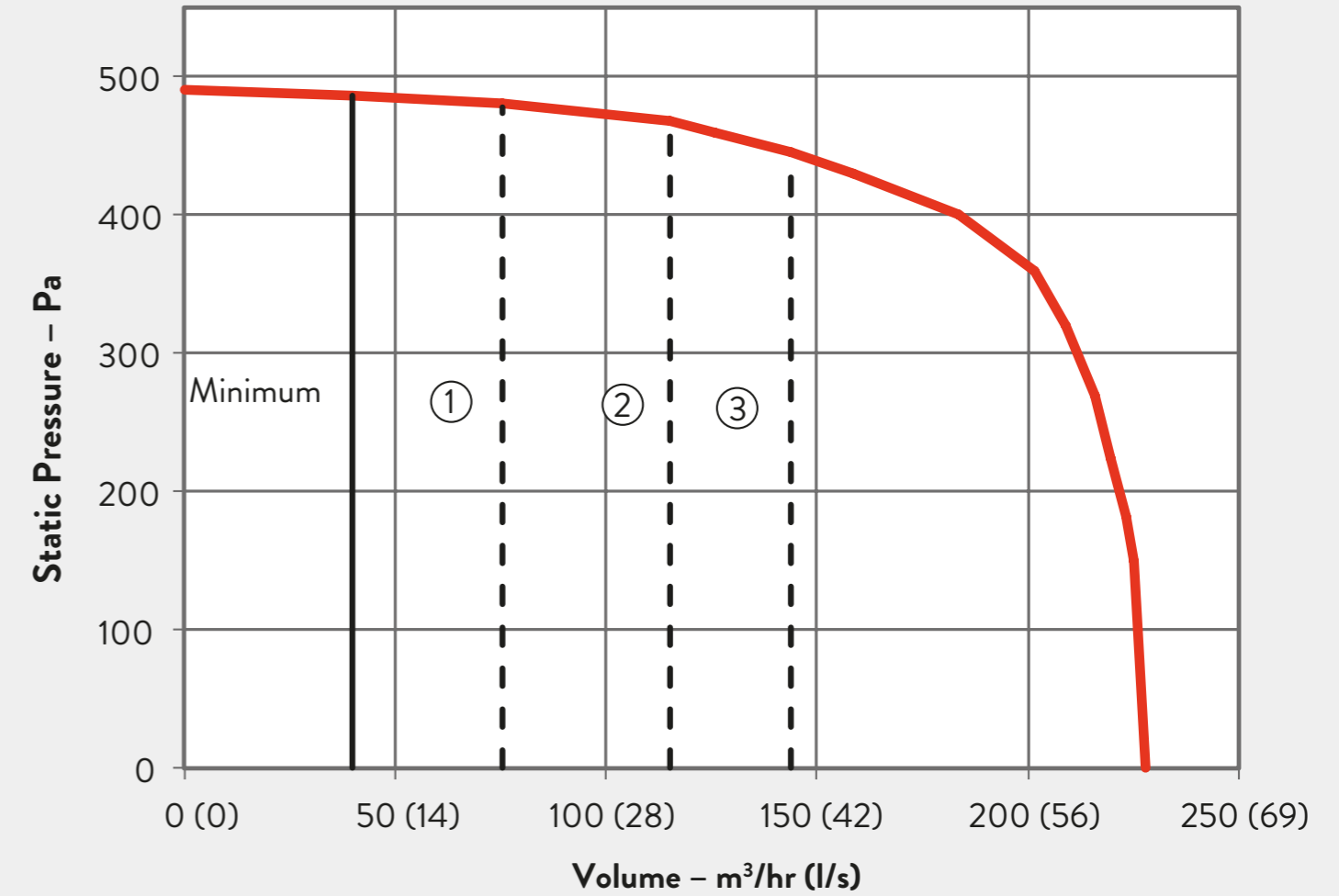
	Xpelair Natural Air 180	Xpelair Natural Air 180 PH
Reference number	93256AW	93319AW
Motor Type	EC	EC
Speeds	trickle/boost/purge	trickle/boost/purge
Maximum Extract Performance (FID, m <sup>3</sup> /h)	230	230
Maximum Extract Performance (m <sup>3</sup> /h @250Pa)	218	218
Maximum Extract Performance (FID, 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

PH unit has heater connection sockets and the required power board.

## Efficiency

Kitchen	Thermal Efficiency (%)	SAP Appendix Q Data	
		Specific Fan Power 2005 Standard (W/l/s)	Specific Fan Power 2012 Standard (W/l/s)
+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

## Airflow Curves



## Acoustic Data

Speed	Test Mode	Octave Band (Hz) Sound Power Levels, dB							SPL(dB(A)) at Unit	SPL(dB(A)) @ 3m
		100	250	500	1k	2k	4k	8k		
1	Unit	27.9	33.8	32.7	43.4	27.9	22.1	14.9	44.4	24.4
	Supply	53.2	54.1	49.7	56.1	42.6	33.4	21.1	59.9	39.9
	Extract	34.9	43.5	38.4	37.3	26	18.8	15.4	45.8	25.8
2	Unit	33	38.5	37.9	45.6	34.6	30.4	16.6	47.4	27.4
	Supply	59.8	57.4	54.5	62.7	50.4	41.9	30.7	65.8	45.8
	Extract	40.5	48.6	43.4	47.9	32.1	20.8	16.3	52.3	32.3
3	Unit	35	42.1	42.3	52.9	46.5	36.3	21.1	54.5	34.5
	Supply	63.1	61.5	59	63	70.1	47.4	36.8	72.2	52.2
	Extract	43	52.6	48.2	47.1	39.7	25.1	17.9	55.2	35.2

\*Independently tested at Building Research Establishment – April 2017.