




# PLANNING APP 4/24/2113/0B1 - PLOT 4, LAND BETWEEN GILGARRAN PARK AND PINEWOODS, GILGARRAN

Proposed air Source Heat Pump at the above address

MCS planning standards using Aira 8KW unit as per indicated on the submitted plans would produce 36 db. 5 meters away to open plan kitchen dining area on proposed property. And 36 db. 6 meters away from the appliance location into the neighbouring plot.

## Aira's outdoor units

			
Model	Aira 6kW	Aira 8kW	Aira 12kW
Energy efficiency (35/55 °C)	A+++/A++	A+++/A++	A+++/A++
Household size	<150 sq mts	150-200 sq mts	>200 sq mts
Power output @ -7°C/35°C (Max rps)	6 kW	8kW	12kW
SCOP (average 35°C)	4.7	4.7	4.7
Max temp outlet	70 °C	70 °C	70 °C
Working range, heating	-25 °C - +45 °C	-25 °C - +45 °C	-25 °C - +45 °C
Power supply	230V	230V	400V
Recommended fuse size, A (outdoor unit)	16A	25A	16A
Sound power level [en12102]	57 dB(A)	56 dB(A)	57 dB(A)
Dimensions (cm) (w/h/d)	121.6 x 100.5 x 42.5	121.6 x 100.5 x 42.5	115.2 x 150.3 x 41.6



Distinctive, beautifully designed and timeless, the Aira Outdoor Unit is styled to fit naturally into its surrounding environment.

While the exterior design is crafted for longevity, it also enhances performance. The angles of the ribs on the front are crafted to maximise the amount of air entering the unit, while the back is engineered to minimise icing issues during winter.

