

# EXTERNAL PLANT ENCLOSURE

## – FAN ASSISTED

Acoustic Hardware Ltd's Fan Assisted Enclosures include complex fan- assisted attenuated pathways at the top and bottom of the enclosure to provide maximum acoustic performance. The Enclosure comes with an internal fan that is synchronised to the AC unit to assist with the movement of air. Enclosure is suitable for front discharge AC units.

Fan Assisted Enclosures ensure that:

- Internal pressures are overcome by the synchronised fan;
- Maintenance access meets manufacturer's requirements;
- Noise levels meet client / planning requirements;
- Recirculation of air is minimized; and
- Enclosure is weather hardy – powder coated to any RAL colour.

### Options

Galvanised Steel or Aluminium construction available.  
 Polyester Powder coated (PPC) to any standard RAL colour (RAL xxxx).  
 Installation included.

### Ordering

All Enclosures are made to order. Enclosure can be designed to meet client's acoustic specification or AHL can survey and specify an enclosure.  
 Planning report service also available.

### Acoustic Performance

Depending on space constraints / noise criteria / airflows / specification of the internal fan the following direct sound reduction performances can be achieved.

Fan Assisted Enclosure	125	250	500	1k	2k	4k	Overall Sound Reduction*
Sound Reduction Performance (dB)	22	23	23	28	28	24	24

*\*Typical single figure Sound Reduction (dB) based on Mitsubishi PUMY P112 unit. Note that the above sound reduction performance values do not include the contribution of the mounted enclosure fan. To maintain the above performance a quiet internal fan is required.*



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