

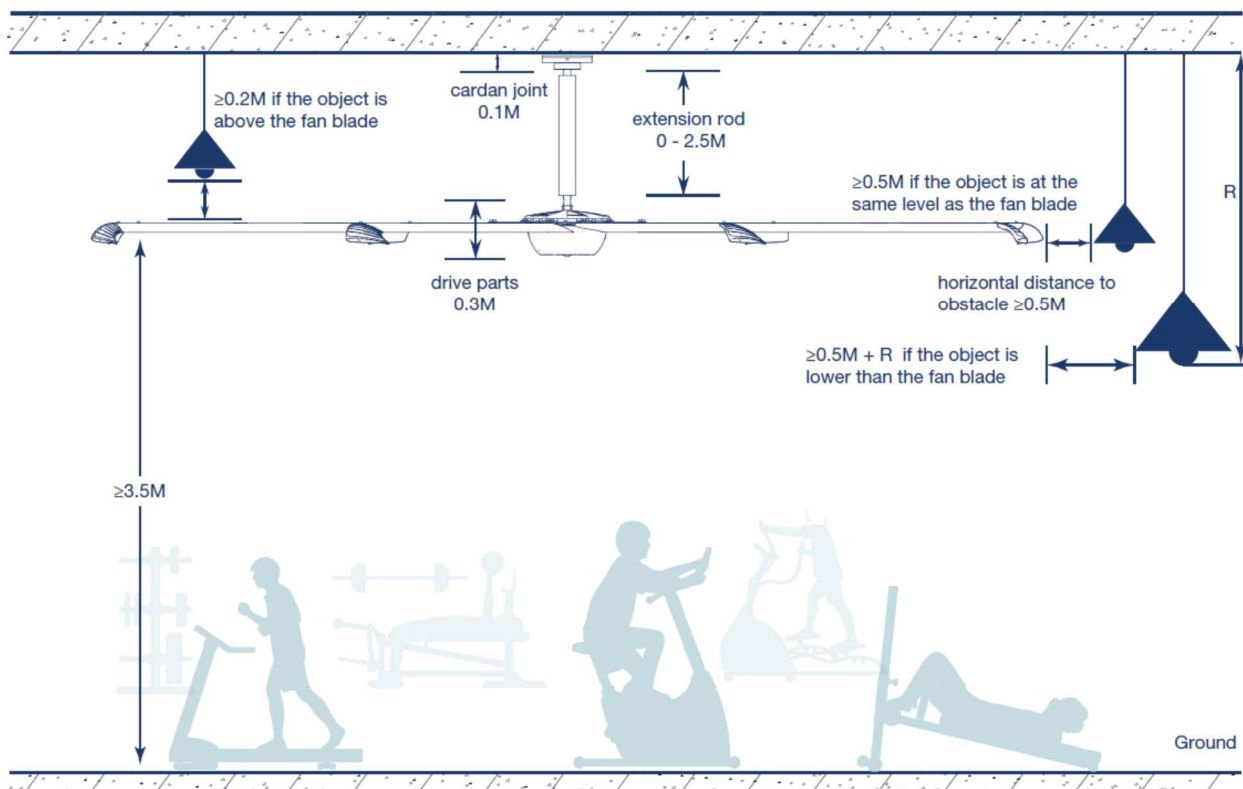
COMMERCIAL SERIES

The structure to which the fan is to be mounted must be capable of supporting 2 times the weight of the product and its own structural loading. Check with a structural engineer if unsure.

INSTALLATION REQUIREMENT

1. Roof installation requirement

The Mammoth Fan must be installed in a location so that the blades have enough space between the fan and the nearest objects or walls. (Refer to the below diagram for detail spacing requirement). Secure the hanging bracket to the ceiling joist or structure with bolts & nuts provided. Ensure there are 3 - 4 threads left on the bolt after tighten the nut. The structure to which the fan is to be mounted must be capable of supporting 2 times the weight of the product and its own structural loading. Check with a structural engineer if unsure.



NOTE: be cautious of items like light fittings which may swing into the path of the spinning fan, ensure appropriate clearance is maintained.

Multiple Fan Spacing

If installing multiple fans on site, units should be spaced 2.5 times the diameter of the fan apart.

Example 1: 4.2mt fan x 2.5mt = 10.5mt apart (from centre to centre of each fan)

Example 2: 7.3mt fan x 2.5mt = 18.25mt apart (from centre to centre of each fan)

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Selecting required fan size (estimate only)

When trying to select the best size fan for your installation there are some basic 'rule of thumb' calculations which can help you choose the most appropriate unit for your specific area.

Please note: There are lots of variables that must also be taken into consideration. It is very rare we get nice open wide space without dividers, racking, furniture or other obstacles.

This information is provided as an estimation only.

Rule of Thumb calculations

Generally, the area in which a fan is to be installed should be 5 – 7 times larger than the diameter of the fan itself. There are some simple calculations to assist in selecting the most suitable product for estimation purposes.

Example 1: 3.0mt Fan x 5 (times larger) = 15mt

$$15\text{mt} \times 15\text{mt} = 225\text{m}^2$$

1 x 3.0mt fan will work adequately in an area of 225m²

Example 2: 4.2mt Fan x 5 (times larger) = 21mt

$$21\text{mt} \times 21\text{mt} = 441\text{m}^2$$

1 x 4.2mt fan will work adequately in an area of 441m²

Example 3: 5.5mt Fan x 5 (times larger) = 27.5mt

$$27.5\text{mt} \times 27.5\text{mt} = 756.25\text{m}^2$$

1 x 5.5mt fan will work adequately in an area of 756.25m²

Example 4: 7.3mt Fan x 5 (times larger) = 36.5mt

$$36.5\text{mt} \times 36.5\text{mt} = 1,332.25\text{m}^2$$

1 x 7.3mt fan will work adequately in an area of 1,332.25m²

COMMERCIAL SERIES

TECHNICAL SPECIFICATIONS

3 METRE FAN

SKU 211403

WIDTH / DIAMETER (MM) 3000

NO. OF BLADES 8

WEIGHT 35kg

POWER 0.2kw

INPUT VOLTAGE Single phase 240V

FULL LOAD CURRENT 1.3A

NOISE LEVEL 40dB

AIRFLOW 5530m³/min MAX

WARRANTY 5 years from d.o.p *

* Valid for 5 years from date of purchase

EXTENSION ROD 1000mm, 1500mm optional extra

COLOUR Silver

SUITABLE FOR ALFRESCO Yes

4.2 METRE FAN

SKU 211402

WIDTH / DIAMETER (MM) 4200

NO. OF BLADES 8

WEIGHT 41kg

POWER 0.4kw

INPUT VOLTAGE Single phase 240V

FULL LOAD CURRENT 1.8A

NOISE LEVEL 40dB

AIRFLOW 7550m³/min MAX

WARRANTY 5 years from d.o.p *

* Valid for 5 years from date of purchase

EXTENSION ROD 1000mm, 1500mm optional extra

COLOUR Silver

SUITABLE FOR ALFRESCO Yes

COMMERCIAL SERIES II

TECHNICAL SPECIFICATIONS

2.5 METRE FAN

SKU 211404 / 411405
WIDTH / DIAMETER (MM) 2500
NO. OF BLADES 6
WEIGHT 41kg
POWER 150W
INPUT VOLTAGE 220-240V
FULL LOAD CURRENT 0.4A
MAX SPEED 130RPM
AIRFLOW 1200m³/min MAX
WARRANTY 5 years from d.o.p *

* Valid for 5 years from date of purchase

COLOUR Silver/Black
SUITABLE FOR ALFRESCO Yes

3 METRE FAN

SKU 211406 / 211407
WIDTH / DIAMETER (MM) 3000
NO. OF BLADES 6
WEIGHT 44kg
POWER 200W
INPUT VOLTAGE 220-240V
FULL LOAD CURRENT 1A
MAX SPEED 100RPM
AIRFLOW 5150m³/min MAX
WARRANTY 5 years from d.o.p *

* Valid for 5 years from date of purchase

COLOUR Silver/Black
SUITABLE FOR ALFRESCO Yes