WEATHER VANE Instructions

PARTS

Gable-end roof fitting	x1	Directional arms	x2
Apex roof fitting	x1	Long screws	x8
Lower Stem	x1	Short screws	x6
Upper Stem	x1	Directional arrow	x1
Wind speed cups	x1		

ASSEMBLY

- Fit the desired roof fitting to the roof using long screws provided.
- Ensure the roof fitting is securely fitted before attaching any other parts. Depending on the surface it is being attached to additional fixings (e.g. wall plugs) or longer screws may be required (not supplied) to fit the roof fitting securely.

ASSEMBLE THE REMAINING PARTS AT GROUND LEVEL

- Screw the upper stem and lower stem tightly together.
- Fit the N-S direction arm using 1 x small screw to secure into position.
- Fit the E-W directional arm at right angles to the N-S directional arm and secure into position using 1 x small screw.
- Check that the directional arms read NESW when checked in a clockwise direction. If this is not the case loosen the E-W arm and rotate 180° before re-tightening the screw to secure.
- Fit the wind cups with the domed fitting in the centre facing upwards.
- Ensure the wind cups are able to rotate smoothly. It is recommended to apply a lubricant (e.g. waterproof grease, petroleum jelly) to the bearing to allow smooth rotation.
- Attach the directional arrow to the top of the upper stem. Ensure this rotates smoothly. It is recommended to apply a lubricant (e.g. waterproof grease, petroleum jelly) to the top of the upper stem to allow smooth rotation.
- Ensure the upper stem is securely fixed to the lower stem as failure to do so may cause the upper stem section to rotate in the wind and provide inaccurate readings.
- Fit the assembled section to the roof fitting and secure using 2 x small screws.

SITING

- To obtain the most accurate readings site in an open area.
- If the weather vane is sited close to taller buildings or in a sheltered spot it will record inaccurate readings as building and tall objects (such as trees) may channel wind away from or towards the vane.

WARNING

- Take care when working at height.
- Ensure ladder is sited on a firm, flat and level surface.
- Take extra care when mounting and dismounting ladders.
- Do NOT lean from a ladder when working at height. Always re-site the ladder to a more suitable position.
- Assemble the vane at ground level at then fit to the roof fitting at height. **Do NOT attempt to assemble the vane at height.**
- Periodically check that all fittings are secure and tighten if necessary.
- Periodically lubricate the directional arrow or if the arrow fails to pick up wind direction.
- Please note the directional arrow will point to the direction the wind is coming from. It does not point in the direction the wind is travelling in.
- Please note from some angles, the directional letters will appear reversed. The letters appear the correct way round when viewed from a different angle.

PACKAGING

- Dispose of the packaging at your local recycling centre.
- Dispose of paper and carton separately from plastic bags at your local recycling centre.
- Dispose of the item at the end of its lifespan at your local authorised household waste recycling centre.

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