

PRODUCT APPLICATION



EasyAir 128078-SA Air Transducer for Air Suspension Trailers

- Low Cost Weighing.
- Simple Installation.
- Atmospherically Adjusted.
- Fully Sealed Unit.
- Push in Air Fittings.
- Suit Metric or Imperial Airlines.
- Robust in Design.
- High Accuracy.

**PROUDLY DESIGNED AND
BUILT IN AUSTRALIA**

Description

The **Elphinstone EasyAir** is a high quality air transducer unit for on-vehicle weighing of trailers fitted with an air suspension. This unit measures air pressure from both sides of the suspension (giving faster response times) and converts this information into a digital weight display in cabin. Automatically accounts for changes in atmospheric conditions and temperature.

Compatibility. The EasyAir transducer system is compatible with both of Elphinstone's indicator systems (**Easyweigh®** Radio Remote and **D Model** Cab Mount indicator systems). EasyAir is also compatible with most other brands of electronics.

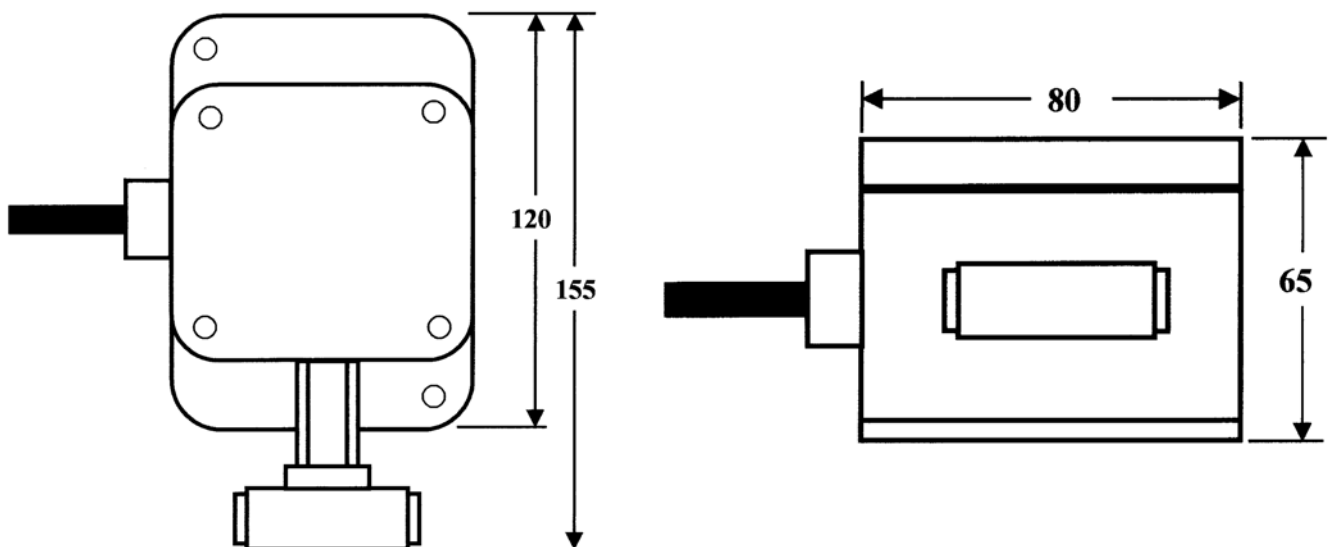
Proven Performance. Elphinstone have been designing and installing on-vehicle weighing systems since 1976. We have incorporated the latest technology to assure you of dependable service from our systems.

Specifications

- | | |
|--------------------------|---------------------------------|
| ■ SIZE | - See Drawing Below |
| ■ WEIGHT | - 960 grams (34 oz) |
| ■ CONNECTION | - Military connector |
| ■ CASE | - Aluminium Case – Powdercoated |
| ■ MOUNTING BRACKET | - Aluminium |
| ■ PRESSURE RANGE | - 4psi – 150psi |
| ■ ACCURACY – Transducer | - +/- 0.5% |
| ■ ACCURACY – Operational | - +/- 1% See Below |

Accuracy when installed in air suspension is dependent on the following:

- Suspension assembled correctly. Bushes tensioned at correct ride height
- Ride height valve should be fast acting and set at correct height
- Have **NO** air leaks in trailer
- Ensure full air pressure in trailer, this means full tanks, not just enough to release brakes
- Have trailer brakes off whilst loading/reading weights
- Stand trailer on level and flat ground whilst reading weights
- Allow pressure to steady in suspension after adding more load or moving trailer
- Ensure a clean air system
- **Driver awareness to these points gives better operational accuracy**



Ordering Information



Specifications subject to change without notice

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