

WIND DEFLECTORS CAN EXTEND LITRO DOLLARS

Caravanners do make fuel savings by fitting a wind deflector but amount of saving depends on shape & posn of deflector, speed of towing vehicle & direction & velocity of wind.

An effic. wind deflector gives more stable towing by creating an airflow over the caravan, effectively making car & van one aerodynamic unit.

There is no readily avail formula for calculating dimensions, shape or posn, but experience has shown that if, fully basic requirements are met a deflector should reduce drag:

- angle to the towing vehicle should be between 40° & 50°
- height should be suffic. to lift air over top of caravan
- It should be wide enough to force air around caravan
- ~ ~ ~ place on roof & to rear of towing vehicle

The best fuel consumption results seem to be obtained when towing vehicle is travelling @ between 80 & 90 km/h & where winds are not blowing. Under some wind conditions there could be little or no fuel saving.

Effectiveness can also be checked by observing whether the front of the van is kept free of squashed insects.

