

# E650-DI

## PURE WATER CLEANING SYSTEM

Designed to fit medium vans and trailers, the Brodex E-Compact 600 Litre Deionisation System is part of the latest generation of window cleaning equipment.

### KEY POINTS

- Water fed pole system
- 100% Safety record
- Very low maintenance
- Negligible running costs
- Easy to use
- Lifetime customer support service

Built for professional window cleaners from high-impact polypropylene, with quality components throughout. 20% more capacity than the 500L system and with double the operators, suited to domestic or commercial use.

This model produces Pure Water quickly through a resin based filtration system, removing Total Dissolved Solids (TDS) and is best suited for soft water areas.

The maintenance on this unit is very low and the consumables are reasonable and easy to change.

- This system uses a vertical resin vessel, which is 80% more efficient than horizontal versions.
- Allows for 4 operators to use at once, therefore increasing your profits.

If you live in a hard water area you may wish to consider the RO alternative, although at higher initial cost, the RO has significantly lower resin-life - often as much as 20 times. So, even in soft water areas, it is better value in the long run.



|   |              |
|---|--------------|
| <b>Capacity</b>                                     | 600 Litres   |
| <b>Fill-time</b><br>(based on 50psi mains pressure) | 30 Minutes   |
| <b>Empty Weight</b>                                 | 76kg         |
| <b>Full Weight</b>                                  | 726kg        |
| <b>Footprint</b><br>(including bracket)             | 98 x 142cm   |
| <b>Height</b>                                       | 96cm         |
| <b>Maximum Operators</b>                            | 4            |
| <b>Pumps</b>  | 2            |
| <b>DI Vessels</b>                                   | 1            |
| <b>Water Type</b>                                   | Hard to Soft |
| <b>Auto shut off when full</b>                      |              |

### FROST ADVICE

Avoid letting your system freeze, as this will potentially cause irreparable damage which will result in items needing replacement.

## DATASHEET



**Resin Vessel**  
(located behind front panel)

**Variable Speed Pump Controls**

**Fill Level Indicator**

**100PSI Pump**  
(located behind front panel)

### 100% Safety Record

Our systems are securely mounted by bolting our steel Tanksafe Bracket to the floor of your vehicle. We always recommend that you install a steel bulkhead for the safety of the driver and passenger in the event of a head-on collision.

### Selecting a Van Payload 1000kg

Typical:  
Mercedes Vito  
Vauxhall Vivaro  
Citroën Despatch



### System Comparison

| System                 | Usage Guide                       | Capacity | Fill Time  | Operators | Payload | Water Type  |
|------------------------|-----------------------------------|----------|------------|-----------|---------|-------------|
| <b>E350 - DI</b>       | Domestic or Small Commercial Jobs | 350L     | 30 minutes | 2         | 650kgs  | Soft        |
| <b>E350 - RO</b>       | Domestic or Small Commercial Jobs | 350L     | 4 hours    | 2         | 650kgs  | Soft & Hard |
| <b>E500 - DI</b>       | Commercial Jobs                   | 500L     | 40 minutes | 2         | 800kgs  | Soft        |
| <b>E500 - RO</b>       | Commercial Jobs                   | 500L     | 6 hours    | 2         | 800kgs  | Soft & Hard |
| <b>E650 - DI</b>       | Medium & Large Commercial Jobs    | 600L     | 40 minutes | 4         | 1000kgs | Soft        |
| <b>E650 - RO</b>       | Medium & Large Commercial Jobs    | 600L     | 6 hours    | 4         | 1000kgs | Soft & Hard |
| <b>E1000 - DI</b>      | Large Commercial Jobs             | 1000L    | 1 hour     | 4         | 1500kgs | Soft        |
| <b>E1000 - RO</b>      | Large Commercial Jobs             | 1000L    | 8 hours    | 4         | 1500kgs | Soft & Hard |
| <b>Bulkflow 1000RO</b> | Static 24hr Bulk                  | 1000L    | N/A        | N/A       | Static  | Soft & Hard |
| <b>Bulkflow 2000RO</b> | Storage Water Purifier            | 2000L    | N/A        | N/A       | Static  | Soft & Hard |