

## Jouan Ultralow Freezer V E/S Series



- 2 ranges VXE and VXS
- 3 capacities: 380, 490 and 570 litres
- Unique PowerFREEZE system
- Multiple sample protection systems CFC-free insulation and coolants

**VXE Range.** Features the most important facilities required: PowerFREEZE cooling system which has a cooling coil in each of the 4 compartments for greater cooling efficiency and temperature stability. Powerful and reliable dual stage compressors, electronic control, factory set alarms and door key lock.

**VXS Range.** For the most discerning user the VXS has PowerFREEZE, solid construction and stainless steel interior, powerful and reliable dual stage compressors, microprocessor control with eye level display, easy programming, service menus for engineer diagnosis, door ajar alarm, multiple other alarms, back up systems and door key lock. All VX freezers have four independent compartments each with an insulating inner door and have 120mm polyurethane insulation blocks. Doors have low force single handed operation and the base of each freezer is equipped with large castors and immobilising pads.

| VXE and VXS Technical Specifications  |   |                 |
|---------------------------------------|---|-----------------|
|                                       | Class E   | Class S         |
| Freezing technique                    | PowerFREEZE   |                 |
| Storage conception                    | 4 independent compartments,<br>4 insulating inner doors |                 |
| Insulation                            | 120mm CFC-free, polyurethane blocks                     |                 |
| Chamber seal                          | High efficiency, silicone gasket                        |                 |
| Control                               | Electronic  | Microprocessor  |
| Temperature range                     | -65°C to -85°C  | -65°C to -90°C  |
| Performance                           | Sample temperature < -85°C                              |                 |
| Temperature stability                 | +/- 0.5°C in the samples                                |                 |
| Sample and System Safety Device       |   |                 |
| Compressor safety protection          | Standard  | Standard        |
| Audible and visual alarms             | Standard  | Standard        |
| Preventative alarm                    | -   | Standard        |
| Remote 12V alarm                      | -   | Standard        |
| Door ajar detection                   | -   | Standard        |
| Battery and remote alarm switch       | Option  | Standard        |
| PC control and monitoring             | -   | RS485           |
| User Friendly Devices                 |   |                 |
| Opening                               | Low force single-handed operation                       |                 |
| Installation                          | Large casters, immobilising pads, 80cm (W)              |                 |
| Readout                               | High visibility digital display                         |                 |
| Servicing                             | -   | Diagnostic menu |
| Storage System & Optional Accessories |   |                 |
| Storage system                        | Wide range of racks for cryoboxes, plasma bags, drawers |                 |
| Prefitted for                         | CO <sub>2</sub> back-up, 7 day recorder, dialler        |                 |

| Dimensions and Capacities         |               |               |                |
|-----------------------------------|---------------|---------------|----------------|
|                                   | VX 380 E/S    | VX 490 E/S    | VX 570 E/S     |
| Ext. Dims (HxWxD) cm              | 200 x 80 x 80 | 200 x 80 x 94 | 200 x 80 x 108 |
| Weight (net / gross) Kg           | 170 / 200     | 204 / 240     | 230 / 270      |
| Nominal volume - litres           | 380           | 490           | 570            |
| Capacity in cryoboxes (50 / 70mm) | 240 / 192     | 320 / 256     | 400 / 320      |