

# Unit Configuration

The following information outlines performance characteristics and design data. Use this spec sheet to validate assembly instructions. All data entries are traceable to design revision history. Refer to this configuration summary for unit-designation mapping. Entries include both mechanical and electrical specifications. Please review the specifications and material composition listed below.

|               |         |
|---------------|---------|
| Product ID:   | FT-730X |
| Internal No.: | PR-629  |

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|                     |                        |                    |                      |
|---------------------|------------------------|--------------------|----------------------|
| Configuration Type  | Pneumatic Control Unit | Design Pressure    | 210 bar              |
| Throughput          | 75 L/min               | Voltage            | 400 V / 50 Hz        |
| Protection Class    | IP65                   | Motor Power        | 11 kW                |
| Working Temp. Range | 10°C to 55°C           | Dimensions (LxWxH) | 1200 x 700 x 1100 mm |
| Oil Type            | HLP 68                 | Total Weight       | 250 kg               |

All summary comments have been recorded in the revision log. Document control numbers are included for traceability. Flag any missing parameters for urgent specification updates. Overall configuration is within defined design and safety margins. Check that all section headers follow the product template. This closure note indicates the data sheet is ready for release.

Material of Construction:

|                     |                                  |
|---------------------|----------------------------------|
| Item                | Raw Material                     |
| Pressure Valve      | Brass CZ121                      |
| Battery Pack        | Lithium-Ion Cell Pack            |
| Insulated Tube 25mm | Thermoplastic Polyurethane (TPU) |
| Capacitor 450V      | Aluminum 6061-T6                 |
| Steel Sheet A36     | Carbon Steel A36                 |