KIST + ESCHERICH

ES 390/650

Compact filter and suction device (Performance class: 390 / 650 m^3/h)

Key Facts

- **Output air suction and filtering**
- **Compact design**
- **Short delivery time & reasonable price**
- **Low-noise**

Product Description

If complex monitoring and control functions are not required, the ES suction devices have the perfect design for operating KIST + ESCHERICH surface cleaning devices. They feature a single-stage filter mechanism with pocket filters to collect and filter the small or medium particle-laden output air from cleaning devices, filter it, and discharge it cleaned back into the environment.

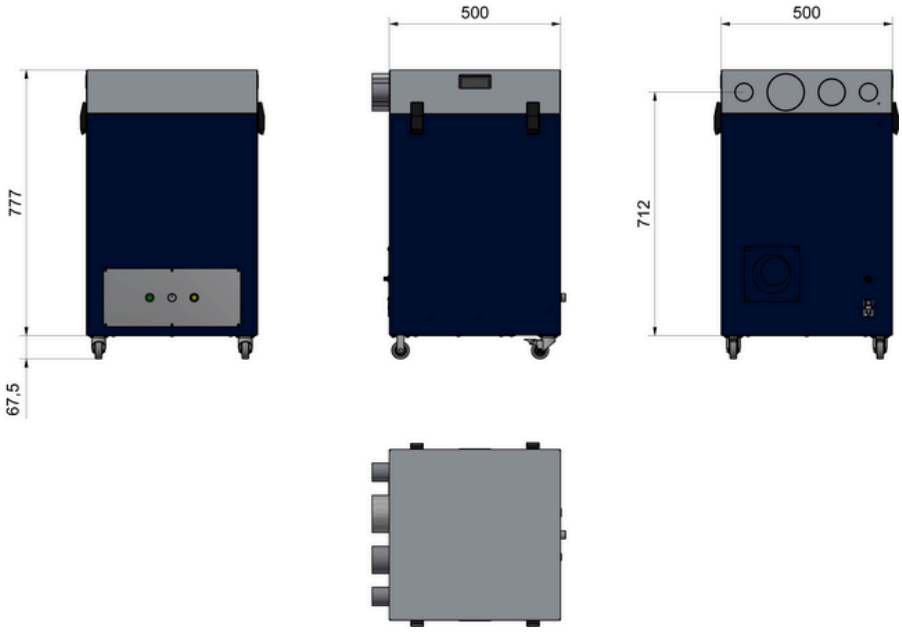
The ES suction units were deliberately designed without complex controls and elaborate monitoring of process parameters in order to be able to offer simple basic devices without lengthy configuration planning to our users. The suction strength can be set either on the device or via a remote control for the optimal cleaning results. The device offers fan and filter level monitoring; errors are indicated with a signal lamp and then transmitted to higher-level controls via a status signal.

- Different performance classes, suitable for cleaning devices of various sizes
- Positioning is possible directly at the workstation
- Universal suction port arrangement on the rear for connecting several cleaning stations
- Low-noise
- Suction power is adjustable
- Pocket filter with large filter surface
- Easy filter change
- Filter monitoring with warning lamp
- Colour RAL 7035 light grey/ RAL 5003 sapphire blue
- ESD-compliant design

Technical Data

	ES390-230V	ES390-115V	ES650-230V	ES650-115V
Version	Standard	Standard	Standard	Standard
Volume flow (max.)	390 m³/h	390 m³/h	645 m³/h	645 m³/h
Number of possible filter stages	1	1	1	1
Operating voltage	1×230 V, PE, N	1×115 V, PE, N	1×230 V, PE, N	1×115 V, PE, N
Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Rated power	370 VA	320 VA	430 VA	410 VA
Rated current (max.)	1.6 A	2.2 A	1.87 A	3.54 A
Diameter of the suction port	• 2× DN55 + 1× DN80 + 1× DN110 Options: • 4x DN55 • 4x DN40 • 2x DN40 + 2x DN80	• 2× DN55 + 1× DN80 + 1× DN110 Options: • 4x DN55 • 4x DN40 • 2x DN40 + 2x DN80	• 2× DN55 + 1× DN80 + 1× DN110 Options: • 4x DN55 • 4x DN40 • 2x DN40 + 2x DN80	• 2× DN55 + 1× DN80 + 1× DN110 Options: • 4x DN55 • 4x DN40 • 2x DN40 + 2x DN80
Diameter of the output air port	diffused Option: DN80	diffused Option: DN80	diffused Option: DN110	diffused Option: DN110
Pressure difference (max.)	3700 Pa	4100 Pa	3100 Pa	3000 Pa
Ambient temperature (min. – max.)	5 - 40 °C	5 - 40 °C	5 - 40 °C	5 - 40 °C
Weight	55 kg	55 kg	55 kg	55 kg
Degree of protection for control cabinet	IP54	IP54	IP54	IP54

Technical Drawings



Related Products

Accessories filter

Accessories for output air components

Accessories for suction hoses