

ES 42

Compact filter and suction device (Performance class: 230 – 250 m³/h)



Key Facts

- ✓ Output air suction and filtering
- ✓ Compact design
- ✓ Short delivery time & reasonable price

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 filter cells to collect and filter the small 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 of the ES 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.

- Positioning is possible directly at the workstation
- Suction power is adjustable
- Easy filter change
- Filter monitoring with warning lamp
- Colour RAL 7035 light grey/ RAL 5003 sapphire blue
- Accessory options: Pre-separator for Coarse Particles
- Additional variants available: ESD

Additionally applicable for ES42XV variant:

- Features a wide voltage input
- Wide voltage input: 100–240 V, 50/60 Hz
- High differential pressure also for longer suction hoses

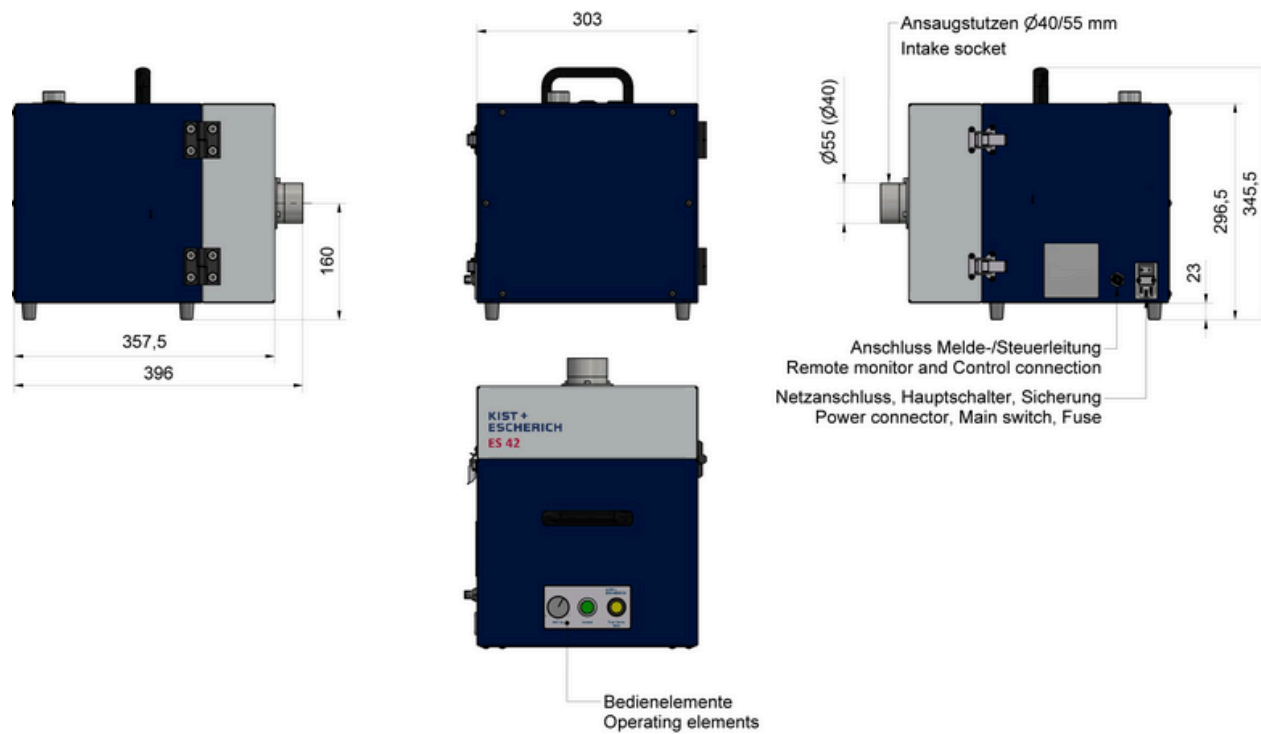
Technical Data

	ES42	ES42XV
Version	Standard	
Volume flow (max.)	230 m³/h	250 m³/h
Number of filter stages	1	1
Operating voltage	230 V, PE, N	100-240 V, PE, N
Frequency	50/60	50/60
Rated power	350 W	1100 W
Rated current (max.)	1.5 A	4.8 A @240 V
		8 A @120 V
Diameter of the suction port	DN40/DN55	DN40/DN55
Diameter of the output air port	diffused	diffused
Pressure difference (max.)	4300 Pa	9000 Pa
Rev. speed control	yes	yes
Ambient temperature (min. – max.)	5 – 55 °C	5 – 40 °C
Weight	13.4 kg	13.6 kg
Ingress protection	IP20	IP20

Notes:

- The maximum volume flow rate and maximum pressure difference are the fan characteristic values in suction mode, free-blowing.

Technical Drawings



Related Products



Accessories filter



Accessories for output air components



Accessories for suction hoses