



# ESUC 111/112/151/152

Die Baureihe ESUC 111–152 ist die Serie von kompakten und leistungsstarken Standardgeräten. Sie stellen alle Funktionen für Betrieb und Überwachung der Dr. Escherich Reinigungsgeräte bereit.

- Zentrale Bedieneinheit mit Status- und Fehleranzeige
- Druckluftaufbereitung und -steuerung
- Hochspannungsversorgung und -überwachung für Ionisationssysteme, 4 HS-Anschlüsse
- Überwachung von Filterkapazität, Ionisation, Absauggebläse und anderer wichtiger Funktionen
- Anbindung an externe Maschinensteuerung möglich
- Lösbare Ösen als Transporthilfe
- Farbe RAL 7035 lichtgrau / RAL 5003 saphierblau

#### Absaugung / Filterung

- Max. 1260 m<sup>3</sup>/h, max. 2380 Pa
- Kompaktfilter oder Taschenfilter
- Einfacher Filterwechsel
- Abgabe der gefilterten Luft über Ausblasstutzen oder Schalldämpfer (optional)
- Ansaugstutzen und Ausblasstutzen rückseitig angeordnet
- Die Absaugleistung ist über eine Drosselklappe regulierbar

The model range of ESUC 111–152 includes compact and high performance standard units. They provide all functions for operation and control of Dr. Escherich cleaning systems.

- Central operating panel with status and fault display
- Preparation and control of compressed air
- High voltage supply and control for ionizing systems, 4 HV-connectors
- Control of filter capacity, ionization, suction ventilator and other important functions
- Connection to external machine control possible
- Detachable grommets as transportation aid
- Colour RAL 7035 light grey / RAL 5003 saphier blue

#### Suction / filtering

- Max. 1260 m<sup>3</sup>/h, max. 2380 Pa
- Compact filter or filter bag
- Easy change of filter
- Release of filtered air via blow out port or via silencer (optional)
- Suction ports and blow out ports are arranged at the back
- The suction power can be regulated by a throttle flap

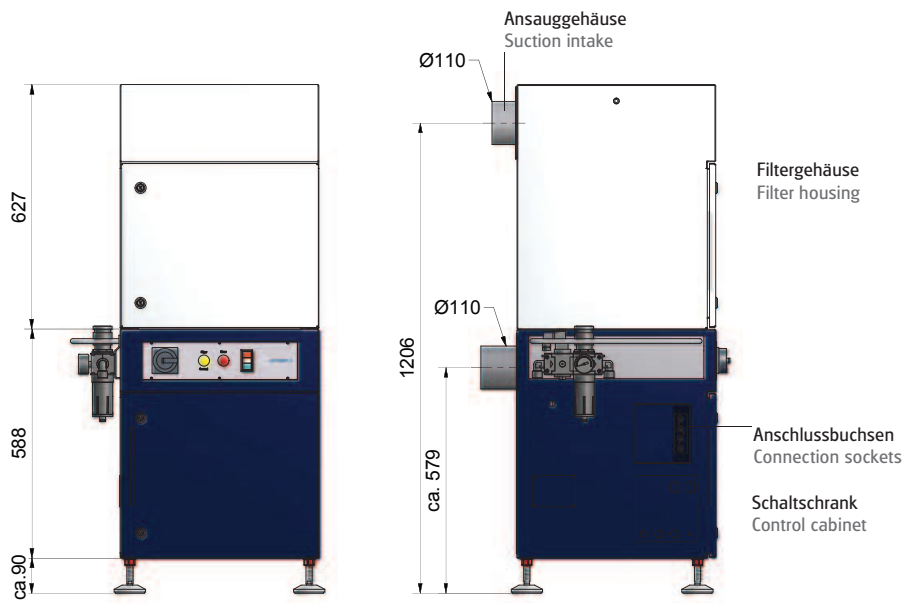


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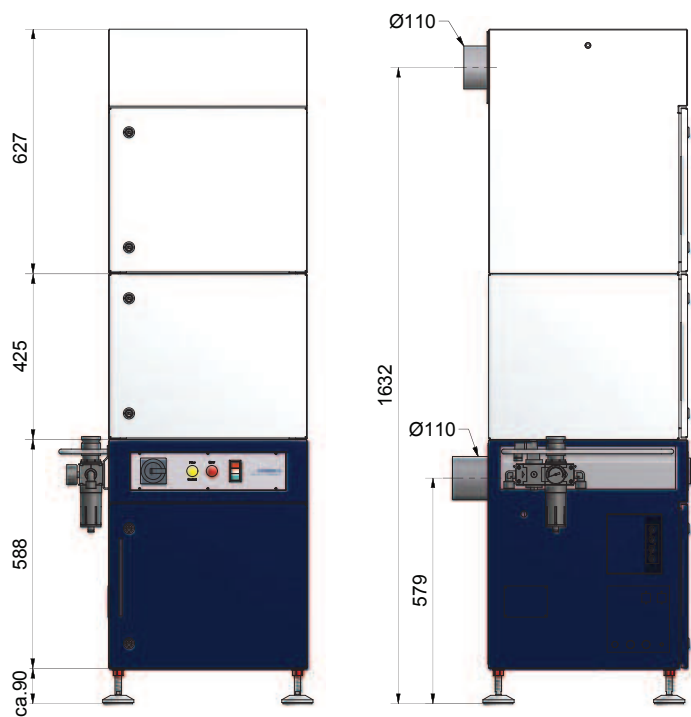


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Technische Daten  
Technical data

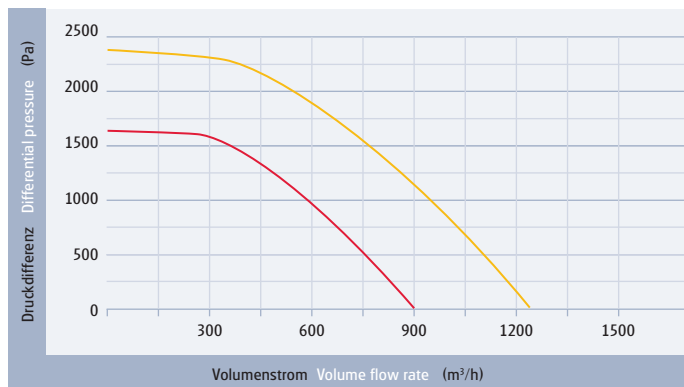
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| Typ<br>Type   | Geeignet für den Betrieb von Dr. Escherich Oberflächen-Reinigungsgeräten<br>Suitable for the operation of Dr. Escherich cleaning system | Abmessungen LxBxH ***<br>Dimensions l x w x h *** | Gewicht<br>Weight | Absaugung Suction               |   |  |  |   |   | Druckluft Compressed air   |  |                                 |        |      |      |   |                          |                            |        |      |      |   |                            |                           |        |      |      |   |                          |                            |        |      |      |   |      |      |   |      |   |
|---------------|---|---|-------------------|---------------------------------|---|--|--|---|---|--|--|---------------------------------|--------|------|------|---|--------------------------|----------------------------|--------|------|------|---|----------------------------|---------------------------|--------|------|------|---|--------------------------|----------------------------|--------|------|------|---|------|------|---|------|---|
|               |   |   |                   | Ø Abluftausgang<br>Ø Air intake | Ø Abluftausgang<br>Ø Exhaust air output | Schalldruckpegel<br>Noise pressure level | Volumenstrom (max.)<br>Air flow (max.) | Druckdifferenz (max.)<br>Differential pressure (max.) | Filterklasse<br>Filtration acc. to<br>DIN 24185 / EN 779                                | Druckluft<br>Compressed air  | Druckluftanschluss<br>Compressed air input | Wartungseinheit<br>Service unit |        |      |      |   |                          |                            |        |      |      |   |                            |                           |        |      |      |   |                          |                            |        |      |      |   |      |      |   |      |   |
|               |   | mm  | kg                | mm                              | mm                                      | dB (A)                                   | m³/h                                   | Pa  |   | bar  |  |                                 |        |      |      |   |                          |                            |        |      |      |   |                            |                           |        |      |      |   |                          |                            |        |      |      |   |      |      |   |      |   |
| ESUC 111 NI** | Alle all  | 510x510x1300                                      | 120               | 1 x 110<br>oder<br>1 x 150      | 1 x 110<br>oder<br>diffus               | ca. 72                                   | 900                                    | 1650  | EU5/M5<br>oder<br>EU7/F7<br>oder<br>EU9/F9  | Druckluft<br>werkseitig,<br>ölfrei, trocken<br><br>Druckluftfilter<br>am ESUC<br>Partikelfilter 5 µm<br><br>Compressed air<br>factory provided,<br>oil-free, dry<br><br>Compressed air<br>on ESUC<br>filtration degree<br>5 µm | 4-8  | 1/2"                            |        |      |      |   |                          |                            |        |      |      |   |                            |                           |        |      |      |   |                          |                            |        |      |      |   |      |      |   |      |   |
| ESUC 111 NC   | SA* / TC*   | 510x510x1300                                      | 125               |                                 |   |  |  |   |   |  |  |                                 |        |      |      |   |                          |                            |        |      |      |   |                            |                           |        |      |      |   |                          |                            |        |      |      |   |      |      |   |      |   |
| ESUC 111 RC   | RC60* / RC100   | 510x510x1300                                      | 130               | 1 x 110<br>or<br>1 x 150        | 1 x 110<br>or<br>dispersed              | ca. 74                                   | 1260                                   | 2380  | Vorfilter<br>Pre filter:<br>EU5/M5<br><br>Feinfilter<br>Fine filter:<br>EU7/F7 - EU9/F9 |  |  |                                 |        |      |      |   |                          |                            |        |      |      |   |                            |                           |        |      |      |   |                          |                            |        |      |      |   |      |      |   |      |   |
| ESUC 111 RCC  | RC60 C*   | 510x510x1300                                      | 130               |                                 |   |  |  |   |   |  |  |                                 |        |      |      |   |                          |                            |        |      |      |   |                            |                           |        |      |      |   |                          |                            |        |      |      |   |      |      |   |      |   |
| ESUC 112 NI   | Alle all  | 510x510x1730                                      | 165               | 1 x 110<br>oder<br>1 x 150      | 1 x 110<br>oder<br>diffus               |  |  |   |   |  |  |                                 | ca. 74 | 1260 | 2380 | Vorfilter<br>Pre filter:<br>EU5/M5<br><br>Feinfilter<br>Fine filter:<br>EU7/F7 - EU9/F9 |                          |                            |        |      |      |   |                            |                           |        |      |      |   |                          |                            |        |      |      |   |      |      |   |      |   |
| ESUC 112 NC   | SA / TC   | 510x510x1730                                      | 170               |                                 |   |  |  |   |   |  |  |                                 |        |      |      |   |                          |                            |        |      |      |   |                            |                           |        |      |      |   |                          |                            |        |      |      |   |      |      |   |      |   |
| ESUC 112 RC   | RC60 / RC100  | 510x510x1730                                      | 175               |                                 |   |  |  |   |   |  |  |                                 |        |      |      |   | 1 x 110<br>or<br>1 x 150 | 1 x 110<br>or<br>dispersed | ca. 74 | 1260 | 2380 | Vorfilter<br>Pre filter:<br>EU5/M5<br><br>Feinfilter<br>Fine filter:<br>EU7/F7 - EU9/F9 |                            |                           |        |      |      |   |                          |                            |        |      |      |   |      |      |   |      |   |
| ESUC 112 RCC  | RC60 C  | 510x510x1730                                      | 175               |                                 |   |  |  |   |   |  |  |                                 |        |      |      |   |                          |                            |        |      |      |   |                            |                           |        |      |      |   |                          |                            |        |      |      |   |      |      |   |      |   |
| ESUC 151 NI   | Alle all  | 510x510x1300                                      | 120               |                                 |   |  |  |   |   |  |  |                                 |        |      |      |   |                          |                            |        |      |      |   | 1 x 110<br>oder<br>1 x 150 | 1 x 110<br>oder<br>diffus | ca. 74 | 1260 | 2380 | Vorfilter<br>Pre filter:<br>EU5/M5<br><br>Feinfilter<br>Fine filter:<br>EU7/F7 - EU9/F9 |                          |                            |        |      |      |   |      |      |   |      |   |
| ESUC 151 NC   | SA / TC   | 510x510x1300                                      | 125               |                                 |   |  |  |   |   |  |  |                                 |        |      |      |   |                          |                            |        |      |      |   |                            |                           |        |      |      |   |                          |                            |        |      |      |   |      |      |   |      |   |
| ESUC 151 RC   | RC60 / RC100  | 510x510x1300                                      | 130               |                                 |   |  |  |   |   |  |  |                                 |        |      |      |   |                          |                            |        |      |      |   |                            |                           |        |      |      |   | 1 x 110<br>or<br>1 x 150 | 1 x 110<br>or<br>dispersed | ca. 74 | 1260 | 2380 | Vorfilter<br>Pre filter:<br>EU5/M5<br><br>Feinfilter<br>Fine filter:<br>EU7/F7 - EU9/F9 |      |      |   |      |   |
| ESUC 151 RCC  | RC60 C  | 510x510x1300                                      | 130               |                                 |   |  |  |   |   |  |  |                                 |        |      |      |   |                          |                            |        |      |      |   |                            |                           |        |      |      |   |                          |                            |        |      |      |   |      |      |   |      |   |
| ESUC 152 NI   | Alle all  | 510x510x1730                                      | 165               |                                 |   |  |  |   |   | 1 x 110<br>oder<br>1 x 150   | 1 x 110<br>oder<br>diffus                  | ca. 74                          |        |      |      |   |                          |                            |        |      |      |   |                            |                           |        |      |      |   |                          |                            |        |      |      |   | 1260 | 2380 | Vorfilter<br>Pre filter:<br>EU5/M5<br><br>Feinfilter<br>Fine filter:<br>EU7/F7 - EU9/F9 |      |   |
| ESUC 152 NC   | SA / TC   | 510x510x1730                                      | 170               |                                 |   |  |  |   |   |  |  |                                 |        |      |      |   |                          |                            |        |      |      |   |                            |                           |        |      |      |   |                          |                            |        |      |      |   |      |      |   |      |   |
| ESUC 152 RC   | RC60 / RC100  | 510x510x1730                                      | 175               |                                 |   | 1 x 110<br>or<br>1 x 150                 | 1 x 110<br>or<br>dispersed             | ca. 74  | 1260  |  |  |                                 |        |      |      |   |                          |                            |        |      |      |   |                            |                           |        |      |      |   |                          |                            |        |      |      |   |      |      |   | 2380 | Vorfilter<br>Pre filter:<br>EU5/M5<br><br>Feinfilter<br>Fine filter:<br>EU7/F7 - EU9/F9 |
| ESUC 152 RCC  | RC60 C  | 510x510x1730                                      | 175               |                                 |   |  |  |   |   |  |  |                                 |        |      |      |   |                          |                            |        |      |      |   |                            |                           |        |      |      |   |                          |                            |        |      |      |   |      |      |   |      |   |

\*SA=STATIK-AIR, \*TC=TAIFUN-CLEAN, \*RC=ROTORCLEAN, \*\* NI=Ohne Hochspannungsversorgung NI=Without ionization supply, \*\*\* Genaue Abmessung s. Zeichnung Exact dimensions s. technical drawing

Absaugleistung Suction performance

— ESUC 111/112 — ESUC 151/152



| Typ<br>Type  | Ionisation<br>Ionization  |   | Elektrik<br>Electricity **              |                       |                          |                              |                          |                                 |
|--------------|---|---|---|-----------------------|--------------------------|------------------------------|--------------------------|---------------------------------|
|              | Anzahl Anschlussbuchsen<br>für Ionisatoren<br>Quantity of connector<br>sockets for ionizers | Max. Anschlusslänge<br>Max. load of HV-output | Betriebsspannung<br>Operational voltage | Frequenz<br>Frequency | Nennleistung<br>Capacity | Nennstrom<br>Nominal current | Vorsicherung<br>Pre-fuse | Schutzart<br>Type of protection |
|              |   | m   | V                                       | Hz                    | kVA                      | A                            | A                        |                                 |
| ESUC 111 NI  | -   | -   | 3 x 400 PE, N                           | 50                    | 1,25                     | 1,8                          | 16                       | IP 54                           |
| ESUC 111 NC  | 4   | 15*   | 3 x 400 PE, N                           | 50                    | 1,25                     | 1,8                          | 16                       | IP 54                           |
| ESUC 111 RC  |   |   | 3 x 400 PE, N                           | 50                    | 2,1                      | 5,0                          | 16                       | IP 54                           |
| ESUC 111 RCC |   |   | 3 x 400 PE, N                           | 50                    | 1,9                      | 4,0                          | 16                       | IP 54                           |
| ESUC 112 NI  |   |   | -                                       | -                     | 3 x 400 PE, N            | 50                           | 1,25                     | 1,8                             |
| ESUC 112 NC  | 4   | 15*   | 3 x 400 PE, N                           | 50                    | 1,25                     | 1,8                          | 16                       | IP 54                           |
| ESUC 112 RC  |   |   | 3 x 400 PE, N                           | 50                    | 2,1                      | 5,0                          | 16                       | IP 54                           |
| ESUC 112 RCC |   |   | 3 x 400 PE, N                           | 50                    | 1,9                      | 4,0                          | 16                       | IP 54                           |
| ESUC 151 NI  |   |   | -                                       | -                     | 3 x 400 PE, N            | 50                           | 1,8                      | 2,7                             |
| ESUC 151 NC  | 4   | 15*   | 3 x 400 PE, N                           | 50                    | 1,8                      | 2,7                          | 16                       | IP 54                           |
| ESUC 151 RC  |   |   | 3 x 400 PE, N                           | 50                    | 2,9                      | 6,6                          | 16                       | IP 54                           |
| ESUC 151 RCC |   |   | 3 x 400 PE, N                           | 50                    | 2,9                      | 6,6                          | 16                       | IP 54                           |
| ESUC 152 NI  |   |   | -                                       | -                     | 3 x 400 PE, N            | 50                           | 1,8                      | 2,7                             |
| ESUC 152 NC  | 4   | 15*   | 3 x 400 PE, N                           | 50                    | 1,8                      | 2,7                          | 16                       | IP 54                           |
| ESUC 152 RC  |   |   | 3 x 400 PE, N                           | 50                    | 2,9                      | 6,6                          | 16                       | IP 54                           |
| ESUC 152 RCC |   |   | 3 x 400 PE, N                           | 50                    | 2,9                      | 6,6                          | 16                       | IP 54                           |

\*Länge Ionisierungsstab + HS-Kabel Length ionization bar + HV-cable

\*\* Andere Ausführungen möglich Different versions possible