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PI-06501	Product info
	Tent ventilating system
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# Negative Pressure Units for filtering contaminated room air

The Negative Pressure Units are used to filter contaminated room air and to maintain negative pressure in contaminated rooms. Due to the negative pressure, no contaminated air can escape from the black area. All the air passes through the unit where it is filtered several times. In addition to preliminary and intermediate filters, a choice can be made between H13 and H14 class Hepa filters. The negative pressure units can be attached to airlocks or work tents.

The Negative Pressure Unit are mainly operated on 230 V mains, the G100, G200 and G300 units are also available with 110 V power supply, G400 and G500 can only be operated on 400 V.

SE and SRE connect versions are available as control for the devices. SE means manual control of the output, the saturation of the filter is monitored with a pressure gauge. SRE connect offers a touch display on the device, with which the device is controlled and monitored manually or automatically. In addition, the data can be stored in the cloud and read from there with mobile devices and PCs. By means of the connect PRO version, the devices can also be controlled remotely.

If desired, the SRE connect control system automatically regulates the negative pressure and the volume flow and monitors the particle concentration in the exhaust air with a filter sensor.

- Filtration 2-stage or 3-stage

- HEPA filter according to EN 1822 available in class H13 or H14

- Mains voltages:
  110 V (G100, G200, G300),
  230 V (G55, G100, G200, G300),
  400 V (G400, G500, G700)

- Air flow rate with filters from 1'000 m^3/h to 70'000 m^3/h

- The devices are equipped with wheels or can get them as an option

- Option: Intake or discharge flange with NW 150 or 300

- Option: Double filtration for HEPA filters

- Accessorie: Connection hose with bulkhead fitting for monitoring the negative pressure in the tent
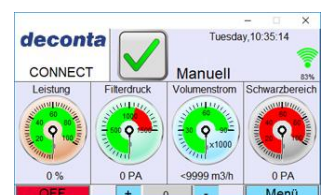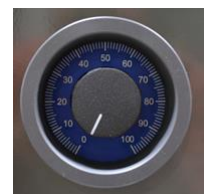
Complete sets of Negative Pressure Units: available sizes and versions

Item no	Model	Dimensions	Version
116235	G 100	770x410x410	Control SRE connect, 230 V, air performance 1'200 m^3/h, double-filtration for 2x HEPA filter H14, vacuum hose 10m NW 300
116236	G 300	1270x720x840	Control SRE connect, 230 V, air performance 4'850 m^3/h, double-filtration for 2x HEPA filter H14, vacuum hose 10m NW 450

Negative Pressure Units: available sizes and versions

| Item no	Model	Dimensions	Version
151331	G 55	525x390x390	Control SE, 230 V, air performance 1'000 m^3/h
116039	G 100	770x410x410	Control SRE connect, 230 V, air performance 1'650 m^3/h
116517	G 200	970x410x840	Control SE, 230 V, air performance 3'000 m^3/h
151335	G 200	970x410x840	Control SRE connect, 230 V, air performance 3'000 m^3/h
116290	G 300	1150x720x840	Control SRE connect, 230 V, air performance 5'150 m^3/h
116607	G 400	1200x720x1150	Control SRE connect, 400 V, air performance 7'800 m^3/h
116526	G 500	1180x785x955 715x720x1150	Control SE, 400 V, air performance 12'000 m^3/h
116198	G 500	1180x785x955 715x720x1150	Control SRE connect, 400 V, air performance 12'000 m^3/h
151342	G 700	2990x2435x2890	Control SRE connect, 400 V, air performance 70'000 m^3/h

Other versions on request.

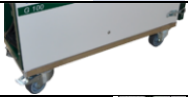**Accessories for the Negative Pressure Units: available sizes and versions**

Item no	Model	Version	
116138	SRE connect	Bulkhead fitting for hose 6/88 for negative pressure measurement in the tent	
116090	SRE connect	Lead-through disc for bulkhead fitting, for tent wall	
116139	SRE connect	Hose PE 6/8 for negative pressure measurement in the tent	
116206		Vacuum hose NW 450, length 10 m for G 300 / 400 / 500 / 700	
116208		Hose clamp NW 450 , 2 pcs are needed	
116212		Vacuum hose NW 300, length 10 m for G 55 / 100 / 200	
116213		Hose clamp NW 300 , 2 pcs are needed	

Other versions on request.

Spare parts filter: availables versions

Item no	for model	Version	
116042	G 55 / G 100	Intermediate filter G4 (EU4)	
151345	G 55	HEPA filter H14	
116041	G 100	Pre filter G3 (EU3)	
116381	G 100	HEPA filter H13	
116043	G 100	HEPA filter H14	
116520	G 200	Pre filter G3 (EU3)	
116521	G 200	Intermediate filter G4 (EU4)	
116522	G 200	HEPA filter H13	
116523	G 200	HEPA filter H14	
116292	G 300	Pre filter G3 (EU3)	
116293	G 300 / G 700	Intermediate filter G4 (EU4) / for G 700 12 pcs are needed	
116294	G 300 / G 700	HEPA filter H14 / for G 700 12 pcs are needed	
116199	G 400 / G 500	Pre filter G3 (EU3) / for G 500 2 pcs are needed	
116200	G 400 / G 500	Intermediate filter G4 (EU4) / for G 500 2 pcs are needed	
116527	G 400 / G 500	HEPA filter H13 / for G 500 2 pcs are needed	
116201	G 400 / G 500	HEPA filter H14 / for G 500 2 pcs are needed	
151367	G 700	Bag filter F5 (12 pcs are needed)	

Options: available sizes and versions

Item no	Model	Version	
151370	G 55 G 100	Discharge flange ND 150	
151371	G 55 G 100	Discharge flange ND 300	
116103	G 55 G 100	Chassis	
116111	G 55 G 100	Chassis with platform, height 908 mm	
116518	G 200	Stacking device set	
151379	G 300	Stacking device set	
151380	G 55	Double-filtration for HEPA filter H13	
116070	G 100	Double-filtration for HEPA filter H13/H14, air performance 1'200 m^3/h	
116519	G 200	Double-filtration for HEPA filter H13/H14, air performance 2'800 m^3/h	
116291	G 300	Double-filtration for HEPA filter H13/H14, air performance 4'750 m^3/h	
116204	G 400 G 500	Double-filtration for HEPA filter H13/H14, air performance	
151384	G 55 G 100	Bag filter casing	
151385	G 200	Bag filter casing	
151386	G 300	Bag filter casing	