

How to work with:**The SICCO Glove Box Air Stream with Transfer Chamber**

Glove Boxes are used whenever sensitive or hazardous materials or components have to be processed in an isolated environment.

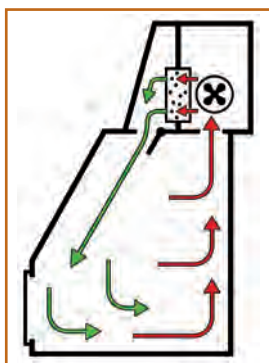
If a contamination with any kind of particles contained in ambient air has to be excluded, a highly pure atmosphere is needed. Using integrated HEPA filtration, a pure atmosphere can be produced inside the SICCO Glove Box Air Stream.

The included filter H 14 traps more than 99,995 % of all particles bigger than 0,1 µm.

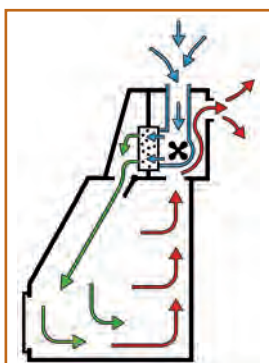
The filter cartridge is removable and can be exchanged against any filter with the built-in dimensions width 305 x height 305 x depth 78-83 mm. The saturation level of the filter is displayed by the integrated manometer on the front side.

The fan is designed to convey normal, dry and not aggressive air, which contains only a small amount of dust. The motor and fan are maintenance-free and trouble-free.

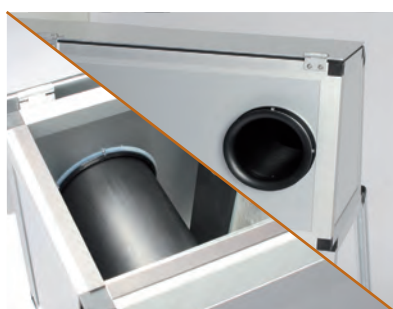
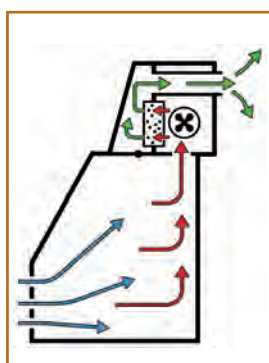
SICCO's filtering unit with HEPA filtration offers three operating modes and is thus prepared for different tasks after a simple modification:

**Internal Air Circulation Mode**

Using this mode, the air in the workspace is continuously circulated. It is sucked on the rear wall, drawn in the filter and then the filtered air is blown back into the workspace along the front panel (delivery state).

**Fresh Air Mode**

When using the fresh air mode, ambient air is sucked into the filtering unit, led through the filter and blown back into the workspace along the front panel. The air inside the glove box is sucked in along the rear wall and transferred to the surrounding or a connected exhaust system. The fresh air mode requires a small modification: the angled pipe socket (included in delivery) has to be connected on the left side and the closing lid on the exhaust opening has to be removed. Accessories for connecting the glove box to an exhaust system are not included.

**Exhaust Mode**

Using the exhaust mode, the glove box can be flushed with ambient air but only filtered air will be conveyed to the surrounding. The fan sucks the air inside, leads it through the filter and blows filtered air out. For pressure compensation, ambient air is permanently sucked from the outside through the glove ports.

The flow direction from the outside to the inside prevents at the same time an escape of contaminated air. For the exhaust mode, the pipe socket on the left has to be removed and this opening has to be closed with the included lid. Additionally, the air inlet to the workspace is closed by turning the cover flap and the gloves have to be removed. On request, optionally available iris-ports can be put on the glove ports (catalogue no. V 1976-07, see page XXX), in order to reduce air exchange if the motor is switched off.

SICCO Glove Box Air Stream with Transfer Chamber

panels:	Material:	Temperature resistance:	User:	Stand:
clear	PMMA/PE	-20 °C to + 70 °C	normal pressure	rubber feet

Specification:

Aluminium frame with panels made of acrylic glass, base panel made of polyethylene. Front panel with two glove ports and one pair of natural rubber gloves size 9, two lead-ins for cables on the back side (upper left and upper right).

Transfer chamber with two doors on the right, external door with latch to prevent accidental opening, the tray extends into the workspace with opening of the internal door for easy removal of inserted products.

Integrated HEPA filtering unit in the top side for a high-purity atmosphere in the workspace. Manometer to display the degree of filter saturation.

Pipe sockets made of PE are included in delivery for converting to the different operating modes: internal air circulation, fresh air supply and exhaust. The conversion can be made without any tooling. Exchangeable filter cartridge. Maintenance-free and trouble-free motor. Electrical power connection 230 V / 50 Hz is required.

NEW

Cat. No.: / *recomm. price Euro	V 1745-08F / 8.844,43 Euro
Overall dimensions * W x H x D in mm	1210 x 1015 x 660
Usable interior space W x H x D in mm	850 x 650 x 540
Usable volume litres	290
Weight kg, approx.	42
Maximum all-over load kg	40
Opening for gloves mm	ø 190
Distance between openings for gloves mm	390
Hinged lid opening B x H in mm	850 x 425
Details transfer chamber:	
Overall dimensions* W x H x D in mm	320 x 330 x 260
Usable interior space W x H x D in mm	220 x 275 x 320
Usable volume litres, approx.	24
Maximum usable height mm	275 » 1000 ml flask with thread GL 45
Maximum usable width mm	200
Maximum all-over load kg	3
Details Filter:	
Operating modes	internal air circulation, fresh air, exhaust
Filter class as per EN 1822:2009	H14
Filter performance (MPPS-method)	≥ 99,995 % of all particles > 0,1 µm are trapped
Filter cartridge dimensions W x H x D in mm	305 x 305 x 78
Installation depth of filter cartridge mm	78 - 83

Applications:

For working in a highly pure atmosphere.



* Recommended prices valid until 31.12.2020

Hotline +49 (0) 93 46-92 86-0