Unità di aspirazione fumi di saldatura, 2 ugelli di aspirazione 80 m3/h a 1900 Pa

The WSA-5LR extraction unit for solder fumes has 2 extraction ports with an outer diameter of 50 mm (top), 4 adjustable blow-out gills (both sides, bottom) and an optical filter indicator.

How does the WSA-5LR exraction unit works: An EC blower with a high pressure reserve generates a volumetric flow suitable for the application on the cleangas side of the filter. In this way, the pollutant-laden raw gas is extracted in a reliable manner. When soldering work is performed, soldering smoke forms out of vaporizing flux, small quantities of solder and gas-emitting substances from working circuit boards and components. This is comprised of a mixture of adhesive aerosols, particles and gases that must be removed from the raw gas.

The filter set-up used is specially designed for this purpose. An upstream filter mat combination retains cooled, sticky aerosols in the suction line and prevents premature clogging of the subsequent H13 main filter element. Regularly changing the filter mat combination M5/F7 at shorter intervals significantly extends the functionality of the main filter. The particles contained in the soldering smoke are precipitated in a multi-stage storage filter system. Thanks to their depth penetration, the filter mats used are particularly suitable for the precipitation of soldering smokes. A majority of the particles contained in the soldering smoke are trapped at this stage. Extremely fine suspended substances are held back by the High Efficiency Particulate Air filter H13 in the combined filter cassette H13A. This guarantees a particle precipitation rate of 99.95%. The precipitation (adsorption) of gaseous and vaporous air contaminations takes place in the activated carbon bed of the combined filter cassette H13A. The filter effect of the activated carbon is based on adsorption, i.e. on the depositing of (gaseous) substances on the surface of the activated carbon.

In general, no chemical changes of the adsorbed substance take place in physical adsorption. The nominal volumetric flow of the devices is based on the filter construction, the contact period is oriented to a medium adsorption response. Thanks to the high degree of cleaning, the filtered clean gas can then be returned to the working area (recirculated-air operation). This avoids any loss of heat. Recirculated air operation is not permitted for the suctioning and filtration of carcinogenic, mutagenic or reprotoxic substances.
• Apparecchi per l'estrazione e la filtrazione di fumi, gas e vapori di saldatura in miscele di aria non esplosiva

• per 1-2 postazioni di lavoro
• 2 attacco di aspirazione DN50
• Uscita aria: lame su entrambi i lati, regolabili
• Colore RAL 7035
• Equipaggiamento: soffiatore, azionamento EC esente da manutenzione, indicatore di occupazione del filtro antiparticolato
• Filtro costituito da: Tappetino filtrante M5/F7, cassetta filtro combinato H13A

N. articolo	**WL37325**
Modello	WSA-5LR
Produttore	WEIDINGER
Produttore Articolo n.	WEID 0160.1-MD.11.02.6023
Informazioni sul produttore del GPSR	Weidinger GmbH Hertha-Sponer-Str. 1a DE-82216 Gernlinden www.weidinger.eu
tratto	400 mm
ampiezza	350 mm
altezza	420 mm
Unità di vendita	1 Pezzo
Unità di contenuto	1 Pezzo
potenza nominale del motore	0,15 kW
portata volumetrica nominale	80 m3/h a 1900 Pa
cadenza	50/60 Hz
corrente nominale	0,95 A
Tensione	230 V
Vuoto max	3200 Pa
Livello sonoro	45 – 49 dBA
Portata volumetrica max	190 m^3/h