

# Hoods CHEMIHOOD PLUS

## with molecular filtration

### Certified according to NFX15-211



The safest  
and cheapest system  
to handle chemicals



CHSCASPE120



CSF-003P



CSF-002P

## HOW DOES A FUME HOOD WORK?

Hoods CHEMIHOOD PLUS provide the users with a safe working area to handle chemicals.

Easier and cheaper to use than those of chimney extractors, this system allows the extraction of noxious vapours with no need of external connections and without any issue relating to air compensation inside the room.

Equipped with filters dedicated to specific applications, they comply with the most demanding standards in the world: STANDARD AFNOR NFX 15-211. CHEMIHOOD PLUS hoods, enclosure of class II, have been tested according to standard NFX 15-211 by an independent lab and certified according to the supervising office AJA Europe.



## TECHNICAL FEATURES OF HOODS

- Completely made of "optical" methyl methacrylate with a thickness of 8 mm, CHEMIHOOD PLUS hoods provide an optimal, bright vision without distortions
- Tilted front side (7°) - ergonomic position at the work place
- Front panel can be totally lifted and blocked, so that access is easier in case of voluminous equipment, chemicals or cleaning operations
- Two lids to allow the passing of arms for easy handle ensuring the utmost safety
- Possibility of inserting of electric cables and fluids inside the enclosure trough the cable ducts on the sides
- Retention tray made of stainless steel to recover liquids in the event of accidental spillage
- Possibility of adding a work surface made of enamelled glass or HPL with a thickness of 6 mm
- Available in three widths: 600 mm, 900 mm and 1200 mm
- Possibility of placing the hood on a mobile base with or without shelf
- Equipped with a filtering fresh air box complying with the standard AFNOR NFX 15-211 (filter should be chosen according to the stored products)

## A saturated filter is an inefficient filter

### TO PROTECT PERSONNEL AND ENVIRONMENT, CHANGE YOUR FILTERS REGULARLY

You can also test the filter saturation by means of a colorimetric check using a suction pump.

Please feel free to contact us.



## TECHNICAL FEATURES OF THE FRESH AIR BOX WITH FILTRATION

- Electrogalvanized steel structure 10/10 mm, covered in a light blue epoxy paint
- Axial fan (turbine)
- Flow rate: 100/250 m<sup>3</sup>/h
- Voltage/frequency: 220 volts/50Hertz
- IP44
- Acoustic level 45dB
- Complying with the standard ISO 3744
- ON/OFF switch with light indicators for proper working. Working hour meter with LED visual and acoustic indicator
- Filter saturation indicator with LED visual and acoustic indicator: speed measurement of the air passing through the activated charcoal filter
- Retention capacity CCl<sub>4</sub> on a 7000g-filter (in compliance with the efficiency level defined by the standard AFNOR NFX 15-211) or maximum rejection of 50% of the average exposure value of the product
- Filter should be chosen according to the handled products
- Please see the ventilation chapter for the detailed sheet of the fresh

## HOTTES CHEMIHOOD PLUS

CODE	DESCRIPTION	EXTERNAL DIMENSIONS (WxDxH) mm	INTERNAL DIMENSIONS (WxDxH) mm	INTERNAL EQUIPMENT	Weight (Kg)
CSF-001P	Filtering Fume hood W600 mm certified according to standard NFX15-211, with acoustic and visual alarm	600x600x1000	584x584x800	1 retention tray made of <b>stainless steel</b>	41
CSF-002P	Filtering Fume hood W900 mm certified according to standard NFX15-211, with acoustic and visual alarm	900x600x1000	884x584x800	1 retention tray made of <b>stainless steel</b>	51
CSF-003P	Filtering Fume hood W1135 mm certified according to standard NFX15-211, with acoustic and visual alarm	1135x600x1000	1119x584x800	1 retention tray made of <b>stainless steel</b>	57

## INTERNAL EQUIPMENT (optional - the choice of a filter is mandatory)

CODE	DESCRIPTION	DIMENSIONS (WxDxH) mm
CSF-60E	Work surface made of toughened glass Emalit with a thickness of 6 mm (Hood width 600 mm)	584x584x6
CSF-90E	Work surface made of toughened glass Emalit with a thickness of 6 mm (Hood width 900 mm)	884x584x6
CSF-120E	Work surface made of toughened glass Emalit with a thickness of 6 mm (Hood width 1135 mm)	1119x584x6
CSF-60H	Work surface made of HPL laminate with a thickness of 6 mm (Hood width 600 mm)	584x584x6
CSF-90H	Work surface made of HPL laminate with a thickness of 6 mm (Hood width 900 mm)	884x584x6
CSF-120H	Work surface made of HPL laminate with a thickness of 6 mm (Hood width 1135 mm)	1119x584x6
CHSCASP60	Base on wheels without shelf for Hood width 600 mm	605x605x865
CHSCASP90	Base on wheels without shelf for Hood width 900 mm	900x605x 865
CHSCASP120	Base on wheels without shelf for Hood width 1135 mm	1140x605x 865
CHSCASP60P	Base on wheels with shelf for Hood width 600 mm	605x605x865
CHSCASP90P	Base on wheels with shelf for Hood width 900 mm	900x605x 865
CHSCASP120P	Base on wheels with shelf for Hood width 1135 mm	1140x605x 865
PE100	Wall socket for wall panelling under the base	
HOOD/LUM	External lighting	
CSAS	Activated charcoal filter for solvents (pre-filter included)	510x405x60
CSBE	Activated charcoal filter for acids (pre-filter included)	510x405x60
CSMP	Activated charcoal filter for solvents and acids (pre-filter included)	510x405x60
CSPF	Prefilter	510x405x15