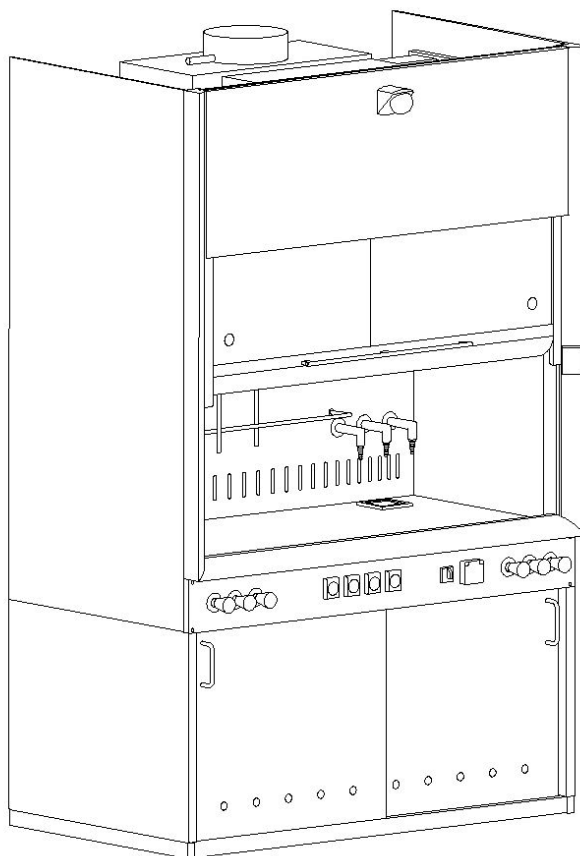


Equipment and Isolator technology - Fume hoods

DGLE FUME HOODS - A



The fume hood is equipped with electrical window control. It is protected by visual and acoustic indication of window position. The fume hood is operated by means of a main switch and a chemically resistant colour touch display. The fume hood is equipped with visual and acoustic indication of safe exhaust, and it also has an alarm warning against a drop in the capacity of safe exhaust. The fume hood is equipped with a motion sensor which monitors the area in front of the fume hood. The fume hood is fitted with fluorescent lamp fixtures.

A laboratory fume hood connected to an HVAC exhaust prevents the leakage of hazardous substances from the fume hood workspace into the room. Fumes are effectively removed from the workspace by means of a HVAC exhaust connected to an outside exhaust fan or to the central HVAC exhaust pipeline. The fume hood does not feature a fan. The fume hood is equipped with a motion sensor that inspects the area in front of fume hood. As standard it comes without the bottom section (base), and may be placed on a stand-alone table. The fume hood may be placed on a compatible bottom cabinet, which may simultaneously be used as exhausted cabinet for storing chemicals. The fume hood is designed for easy assembly and disassembly. DGLE fume hood is compliant with the European Standard ČSN EN 14 175 - FUME HOODS.

Equipment and Isolator technology - Fume hoods

DGLE FUME HOODS - A

S1: Type designation

550.30: DGLE fume hood

S2: Dimensional range

0900: Fume hood with a width of 900 mm

1200: Fume hood with a width of 1200 mm

1500: Fume hood with a width of 1500 mm

1800: Fume hood with a width of 1800 mm

2100: Fume hood with a width of 2100 mm

Selecting dimensional range of fume hoods

S3: Worktop height

value	height
OT: Other upon agreement with the dealer	mm
750: For seated operators	750 mm
900: For standing operators	900 mm
Selecting whether the fume hood is designed for standing or seated operators.	

S4: Selecting base (frame)

LS: Steel frame surface-finished with thermosetting epoxy paint RAL 7038

PB: The base consists of the extended side - for additional option see category S5

WO: Without base (customer mounts the fume hood himself)

Selecting installation method of fume hood

Equipment and Isolator technology - Fume hoods

DGLE FUME HOODS - A

S5: Selecting cabinet under the fume hood

value	exhaust cabinets
HPLA: High-pressure laminate with one shelf, sliding door	Yes
HPLN: High-pressure laminate with one shelf, sliding door	No
LKZLA: Laminate with combined drawers	Yes
LKZLN: Laminate with combined drawers	No
LKZPA: Laminate with combined drawers	Yes
LKZPN: Laminate with combined drawers	No
LNZA: Laminate with low drawers	Yes
LNZN: Laminate with low drawers	No
LVZA: Laminate with tall drawers	Yes
LVZN: Laminate with tall drawers	No
PKZLA: Polypropylene with combined drawers	Yes
PKZLN: Polypropylene with combined drawers	No
PKZPA: Polypropylene with combined drawers	Yes
PKZPN: Polypropylene with combined drawers	No
PNZA: Polypropylene with low drawers	Yes
PNZN: Polypropylene with low drawers	No
POA: Polypropylene with one shelf, hinged door	Yes
PON: Polypropylene with one shelf, hinged door	No
PPA: Polypropylene with one shelf, sliding door	Yes
PPN: Polypropylene with one shelf, sliding door	No
PVSA: Polypropylene with tall drawers	Yes
PVSN: Polypropylene with tall drawers	No
WO: Empty value	
WOA: Without equipment	Yes
WON: Without equipment	No

Selecting method of filling the space under the fume hood, if selected in categories S3-900 and S4-PB. If other options were selected in categories S3 and S4, select option "WO".

S6: Selecting worktop

DL: Large-format ceramic tiling
DR: Durcon - epoxy resin
HPL: HPL (High-pressure laminate)
KE: Whole-area technical ceramics
PP: Polypropylene
SG: Safety glass
UK: Artificial stone
304: Stainless steel AISI 304
316: Stainless steel AISI 316
Selecting worktop material

Equipment and Isolator technology - Fume hoods

DGLE FUME HOODS - A

S7: Selecting wall and ceiling facing

DL: Large-format ceramic tiling (400x800)
DR: Durcon - epoxy resin
HPL: HPL - High-pressure laminate
KE: Technical ceramics
PP: Polypropylene
SG: Safety glass
WO: Without gluing (only partitions with surface finish)
304: Stainless steel AISI 304 FIN8
316: Stainless steel AISI 316 FIN8
Selecting material for fume hood walls and ceiling

S8: Selecting media valves

AC: Acetylene
AR: Argon
CDA: Compressed air
CO2: Carbon dioxide
CW: Drinking water
DI: Demi water
HCW: Hot water
HE: Helium
H2: Hydrogen
NG: Natural gas
N2: Nitrogen
OT: Others upon agreement with the dealer
O2: Oxygen
PB: Propane-butane
VAC: Vacuum
WO: Unused position
Selecting media supplied to the rear of the fume hood

S9: Selecting liquid medium drip sink material

value	dimension
KECC: Ceramic	square 300 x 300 mm
KECD: Ceramic	square 400 x 400 mm
KECQ: Ceramic	square 150 x 150 mm
KEOB: Ceramic	rectangular 300 x 150 mm
OT: Others upon agreement with the dealer	
PPC: Polypropylene	square 150 x 150 mm
PPO: Polypropylene	rectangular 300 x 150 mm
WO: Without sink	
Selecting whether the drip sink in the worktop is required for a liquid medium.	

Equipment and Isolator technology - Fume hoods

DGLE FUME HOODS - A

S10: Selecting drip sink location

L: On the left side

O: On the left and right side

P: On the right side

Selecting drip sink position

S11: Selecting electrical sockets

L1: Connector for 1 LAN (ethernet)

L2: Connector for 2 LAN (ethernet)

S2: 2 Sockets 1ph/230V

S4: 4 Sockets 1ph/230V

S6: 6 Sockets 1ph/230V

S8: 8 Sockets 1ph/230V

V1: 1 Socket 3ph/400V - 5 pins

V2: 2 Sockets 3ph/400V - 5 pins

Selecting number and type of sockets

S12: Selecting inner grille

OT: Other material design or number of verticals

WO: Without grille

304: Stainless steel AISI 304

316: Stainless steel AISI 316

Grille selection