



IN THE LOOP

Working Safely with Ductless Fume Hood

ESCO
SCIENTIFIC

DO's

CLEAN CHEMICAL SPILLS IMMEDIATELY.



DISPOSE CHEMICAL WASTE PROPERLY.



DECLUTTER AND KEEP THINGS ORGANIZED.



KEEP SASH FULLY CLOSED WHEN FUME HOOD IS NOT IN USE.



ALWAYS CHECK THE HOOD'S AIRFLOW BEFORE USING IT.



DON'Ts

CONDUCT HIGH-TEMPERATURE EXPERIMENTS SUCH AS DIGESTION, HEATING, AND MELTING.



THROW CHEMICAL WASTE IN SINK OR DRIP-CUP.



USE HIGH CONCENTRATIONS OF PERCHLORIC ACID (>70%)



USE CHLORINE-BASED SOLUTIONS FOR CLEANING THE FUME HOOD.



CONTINUE WORKING WHEN ALARMS ARE ACTIVATED.

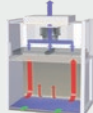


DUCTLESS FUME HOOD ROUTINE MAINTENANCE

Maintenance should be carried out every:

WEEK

Check alarm and airflow.



Clean the work surface and interior walls.



Clean sash using glass cleaner.



MONTH

Measure the ductless fume hood's face velocity.



YEAR

Must be done by an Esco Engineer / certified service engineer.

Recertification



Change the carbon filter.



Nanocarb™ Filter Options

- A - Standard Filter**
All common laboratory chemicals, especially with organics.
- B - Acid Filter**
Applications involving sulfur dioxide, HF acid fumes. Removes inorganic / organic acid.
- C - Mercury Filter**
Highly effective removal of mercury vapor and compounds.
- D - Sulfur Filter**
Removal of sulfur compounds.
- E - Halogen Filter**
Removal of halogen compounds like chlorine, fluorine, iodine, bromine, etc.
- F - Aldehyde Filter**
Formaldehyde/ aldehyde applications.
- G - Ammonia/ Amines Filter**
High performance removal of ammonia / amines.
- H - Ethers and Chloroform Filter**
Special impregnated carbon filter for ethers and chloroforms.



Not sure on what model and which filter to choose?
Fill out our FiltraCheck™ Form and let us do the work!



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