

12" Mini Ductless Fume Hood

Model # SS-212-DCH

MADE IN
THE USA



SINCE 1983

The **12" Wide Mini Ductless Fume Hood** helps protect the operator and environment from hazardous fumes or particulate generated from applications performed within the hood. The compact design makes it an ideal fume extraction solution for containing beakers and test tubes in chemical and/or biological labs or even for small-scale pharmaceutical compounding applications. This lightweight hood provides optimal fume control for field-testing applications because of its ability to be easily transported and its reliable operation. Also as an option, this system can include a removable spill tray for chemical spills.

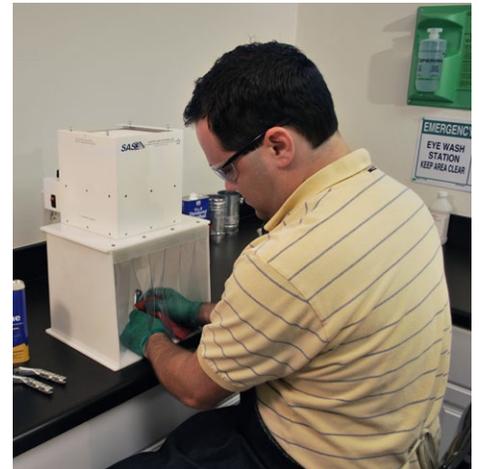
The **12" Mini Ductless Fume Hood's** powerful fan directs fumes into the filter chamber containing high quality filter media selected depending on the application. Filter media choices include **HEPA** [up to 99.97% efficiency on particles 0.3 microns and larger], **ASHRAE** [up to 95% efficiency on particles 0.5 microns and larger], **Activated Carbon**, and **specialty-blended filtration** [*i.e. acid gas, mercury, aldehyde, and ammonia*].

Typical uses for the **12" Mini Ductless Fume Hood** include *chemical fumes, compounding, soldering, and a variety of applications requiring fume and dust removal*. The **Mini Ductless Fume Hood** can provide an effective and economical solution for many commercial, medical, laboratory and industrial applications that require a small containment area.

Our line of ductless fume hoods is not intended for sterile compounding applications.



12" Mini Ductless Fume Hood



12" DCH provides a small workspace for many different applications.

Product Features

- **Includes:** clear anti-static vinyl curtains
- **Optional:** variable speed controller (115V only), hour counter, velometer, spill tray, and clean & polish kit
- **Standard Sizes:** 12", 18", 24", 30", 40", 50", 60", and 70" (*custom sizes available*)
- Quiet operation
- Long filter life
- Simple, quick "no tool" filter change
- Portable and lightweight
- Reliable, low maintenance operation



Fume & Particulate Removal

Product Specifications



Shown with outer dimensions.
Dimensions are approximate.

Hood Dimensions (D x W x H)	Outer: 10.4" x 13" x 10.6" Interior: 9.6" x 11.6" x 10.2"
Hood Material	Acrylic
Blower Dimensions	10.5" L x 8" W x 8.5" H
Blower Material	16 Ga. carbon steel with polyester epoxy coating on all surfaces
Weight (approximately)	15 lbs
Air Volume (approximately)	80 CFM (varies with filter media)
Inlet Velocities on High (approximately)	Carbon Pre-filter + HEPA Filter – 100 FPM Carbon Pre-filter + Heavy Duty Carbon Filter – 60 FPM
Electrical	115/1/60, 0.3 amps 220/1/50, 0.2 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level	55 dba
Maximum Temperature	Operating temperature not to exceed 170° F
Main Filter Options	HEPA (up to 99.97% efficient on particles down to 0.3 microns) ASHRAE (up to 95% efficient on particles down to 0.5 microns) Activated Carbon Specialty-blended Filter Media (i.e. acid gas, mercury, aldehyde, and ammonia)
Warranty	Limited two-year warranty from date of shipment on defects due to materials or workmanship.
Patent #	5,843,197



18" Ductless Fume Hood

Model # SS-218-DCH



The **18" Wide Ductless Fume Hood** helps protect the operator and environment from hazardous fumes or particulate generated from applications performed within the hood. The compact design makes it an ideal fume extraction solution for containing beakers and test tubes in chemical and/or biological labs or even for small-scale pharmaceutical compounding applications. This lightweight hood provides optimal fume control for field-testing applications because of its ability to be easily transported and its reliable operation. Also as an option, this system can include a removable spill tray for chemical spills.

The **18" Ductless Fume Hood's** powerful fan directs fumes into the filter chamber containing high quality filter media selected depending on the application. Filter media choices include **HEPA** [up to 99.97% efficiency on particles 0.3 microns and larger], **ASHRAE** [up to 95% efficiency on particles 0.5 microns and larger], **Activated Carbon**, and **specialty-blended filtration** [*i.e. acid gas, mercury, aldehyde, and ammonia*].

Typical uses for the **18" Ductless Fume Hood** include *chemical fumes, pharmaceutical compounding, soldering applications, dust removal, biological applications, and a variety of applications requiring fume and dust removal.* The **18" Ductless Fume Hood** can provide an effective and economical solution for many commercial, medical, laboratory and industrial applications that require a small containment area.

Our line of ductless fume hoods is not intended for sterile compounding applications.



18" Ductless Fume Hood



18" DCH provides fume control for a variety of laboratory applications.

Product Features

- **Includes:** clear anti-static vinyl curtains and LED light
- **Optional:** variable speed controller (115V only), hour counter, velometer, and spill tray
- **Standard Sizes:** 12", 18", 24", 30", 40", 50", 60", and 70" (*custom sizes available*)
- Quiet operation
- Long filter life
- Simple, quick "no tool" filter change
- Portable and lightweight
- Reliable, low maintenance operation



Product Specifications



Shown with outer dimensions.
Dimensions are approximate.

Hood Dimensions (D x W x H)	Outer: 18.5" x 20" x 19" Interior: 18" x 18" x 18" Access Area: 8" x 18"
Hood Material	Sides: 0.25" white acrylic Base: 0.5" white high density polyethylene Top: 0.5" clear polycarbonate Front Window: 0.25" clear polycarbonate
Blower Dimensions	10.5"L x 8" W x 8.5" H
Blower Material	16 Ga. carbon steel with polyester epoxy coating on all surfaces
Weight (approximately)	35 lbs
Air Volume (approximately)	80 CFM <i>(varies with filter media)</i>
Inlet Velocities on High (approximately)	Carbon Pre-filter + HEPA Filter - 100 FPM Carbon Pre-filter + Heavy Duty Carbon Filter - 60 FPM
Electrical	115/1/60, 0.3 amps 220/1/50, 0.2 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level	55 dba
Maximum Temperature	Operating temperature not to exceed 170° F
Main Filter Options	HEPA (up to 99.97% efficient on particles down to 0.3 microns) ASHRAE (up to 95% efficient on particles down to 0.5 microns) Activated Carbon Specialty-blended Filter Media (i.e. acid gas, mercury, aldehyde, and ammonia)
Warranty (From Date of Shipment)	Limited two-year warranty from date of shipment on defects due to materials or workmanship.
Patent #	5,843,197



24" Ductless Fume Hood

Model # SS-224-DCH

MADE IN
THE USA



SINCE 1983

The **24" Wide Ductless Fume Hood** helps protect the operator and environment from hazardous fumes or particulate generated from applications performed within the hood. Its small structure makes it a great fume extraction solution and addition to a lab or room that has limited space or requires only a small containment area. This lightweight hood provides optimal fume control for field-testing applications because of its ability to be easily transported and its reliable operation. Also as an option, this system can include a removable spill tray for chemical spills.

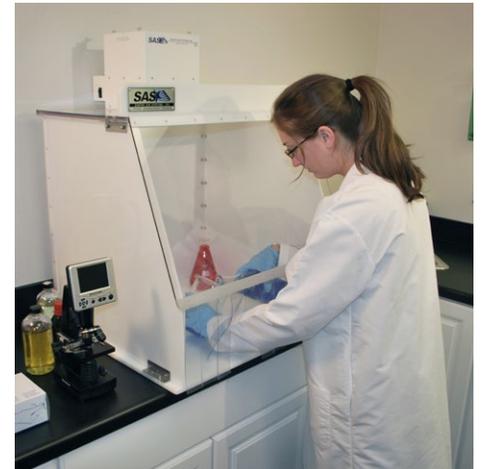
The **24" Ductless Fume Hood's** powerful fan directs fumes into the filter chamber containing high quality filter media selected depending on the application. Filter media choices include **HEPA** [up to 99.97% efficiency on particles 0.3 microns and larger], **ASHRAE** [up to 95% efficiency on particles 0.5 microns and larger], **Activated Carbon**, and **specialty-blended filtration** [*i.e. acid gas, mercury, aldehyde, and ammonia*].

Typical uses for the **24" Ductless Fume Hood** include *chemical fumes, pharmaceutical compounding, soldering applications, dust removal, biological applications, and a variety of applications requiring fume and dust removal.* The **24" Ductless Fume Hood** can provide an effective and economical solution for many commercial, medical, laboratory and industrial applications that require a small containment area. For additional visibility, a transparent version is available at extra cost.

Our line of ductless fume hoods is not intended for sterile compounding applications.



24" Ductless Fume Hood



24" DCH provides fume control for a variety of laboratory applications.

Product Features

- **Includes:** clear anti-static vinyl curtains, velometer, and LED light
- **Optional:** variable speed controller (115V only), hour counter, and spill tray
- **Standard Sizes:** 12", 18", 24", 30", 40", 50", 60", and 70" (*custom sizes available*)
- Quiet operation
- Long filter life
- Simple, quick "no tool" filter change
- Portable and lightweight
- Reliable, low maintenance operation



Fume & Particulate Removal

Product Specifications



Shown with outer dimensions.
Dimensions are approximate.

Hood Dimensions (D x W x H)	Outer: 24" x 26" x 25" Interior: 23.5" x 24" x 24" Access Area: 8" x 24"
Hood Material	Sides: 0.25" white acrylic Base: 0.5" white high density polyethylene Top: 0.5" clear polycarbonate Front Window: 0.25" clear polycarbonate
Blower Dimensions	10.5" L x 8" W x 8.5" H
Blower Material	16 Ga. carbon steel with polyester epoxy coating on all surfaces
Weight (approximately)	55 lbs
Air Volume (approximately)	80 CFM <i>(varies with filter media)</i>
Inlet Velocities on High (approximately)	Carbon Pre-filter + HEPA Filter - 100 FPM Carbon Pre-filter + Heavy Duty Carbon Filter - 60 FPM
Electrical	115/1/60, 0.3 amps 220/1/50, 0.2 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level	55 dba
Maximum Temperature	Operating temperature not to exceed 170° F
Main Filter Options	HEPA (up to 99.97% efficient on particles down to 0.3 microns) ASHRAE (up to 95% efficient on particles down to 0.5 microns) Activated Carbon Specialty-blended Filter Media (i.e. acid gas, mercury, aldehyde, and ammonia)
Warranty	Limited two-year warranty from date of shipment on defects due to materials or workmanship.
Patent #	5,843,197



40" Ductless Fume Hood

Model # SS-340-DCH



The **40" Wide Ductless Fume Hood** combines powerful air flow with a sturdy and compact enclosure for optimal respiratory and environmental protection. This fume hood helps protect the operator and environment from hazardous fumes or particulate generated from applications performed within the hood.

The **40" Ductless Fume Hood's** powerful fan directs fumes into the filter chamber containing high quality filter media selected depending on the application. Filter media choices include **HEPA** [up to 99.97% efficiency on particles 0.3 microns and larger], **ASHRAE** [up to 95% efficiency on particles 0.5 microns and larger], **Activated Carbon**, and **specialty-blended filtration** [*i.e. acid gas, mercury, aldehyde, and ammonia*].

Typical uses for the **40" Ductless Fume Hood** include *chemical fumes, pharmaceutical compounding, soldering applications, dust removal, biological applications, and a variety of applications requiring fume and dust removal.* The **40" Ductless Fume Hood** can provide an effective and economical solution for many commercial, medical, laboratory, and industrial applications. For additional visibility, a transparent version is available at extra cost.

Our line of ductless fume hoods is not intended for sterile compounding applications.



40" Ductless Fume Hood



40" DCH provides fume control for a variety of medical and lab applications.

Product Features

- **Includes:** variable speed controller (115V only), velometer, and LED light
- **Optional:** clear anti-static vinyl curtains, Magnehelic Gauge, hour counter, and spill tray
- **Standard Sizes:** 12", 18", 24", 30", 40", 50", 60", and 70" (*custom sizes available*)
- Quiet operation
- Long filter life
- Simple, quick "no tool" filter change
- Portable and lightweight
- Reliable, low maintenance operation



40" DCH provides chemical fume control for use with various substances.



Fume & Particulate Removal

Product Specifications



Shown with outer dimensions.
Dimensions are approximate.

Hood Dimensions (D x W x H)	Outer: 24" x 42" x 25" Interior: 23.5" x 40" x 24" Access Area: 8" x 40"
Hood Material	Sides: 0.25" white acrylic Base: 0.5" white high density polyethylene Top: 0.5" clear polycarbonate Front Window: 0.25" clear polycarbonate
Blower Dimensions	15.5" L x 13" W x 14.5" H
Blower Material	16 Ga. carbon steel with polyester epoxy coating on all surfaces
Weight	115 lbs
Air Volume (approximately)	350 CFM <i>(varies with filter media)</i>
Inlet Velocities on High (approximately)	Carbon Pre-filter + HEPA Filter – 130 FPM high, 25 FPM low Carbon Pre-filter + Heavy Duty Carbon Filter – 115 FPM high, 20 FPM low
Electrical	115/1/60, 2 amps 220/1/50, 0.75 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level	61 to 66 dba (low to high)
Maximum Temperature	Operating temperature not to exceed 170° F
Main Filter Options	HEPA (up to 99.97% efficient on particles down to 0.3 microns) ASHRAE (up to 95% efficient on particles down to 0.5 microns) Activated Carbon Specialty-Blended Filter Media (i.e. acid gas, mercury, aldehyde, and ammonia)
Warranty	Limited two-year warranty from date of shipment on defects due to materials or workmanship.
Patent #	5,843,197



50" Ductless Fume Hood

Model # SS-350-DCH



The **50" Wide Ductless Fume Hood** combines powerful air flow with a sturdy and compact enclosure for optimal respiratory and environmental protection. This fume hood protects the operator and environment from hazardous fumes or particulate generated from applications performed within the hood.

The **50" Ductless Fume Hood's** powerful fan directs fumes into the filter chamber containing high quality filter media selected depending on the application. Filter media choices include **HEPA** [up to 99.97% efficiency on particles 0.3 microns and larger], **ASHRAE** [up to 95% efficiency on particles 0.5 microns and larger], **Activated Carbon**, and **specialty-blended filtration** [*i.e. acid gas, mercury, aldehyde, and ammonia*].

Typical uses for the **50" Ductless Fume Hood** include *chemical fumes, pharmaceutical compounding, soldering applications, dust removal, biological applications, and a variety of applications requiring fume and dust removal.* The **50" Ductless Fume Hood** can provide an effective and economical solution for many commercial, medical, laboratory, and industrial applications. For additional visibility, a transparent version is available at extra cost.

Our line of ductless fume hoods is not intended for sterile compounding applications.



50" Ductless Fume Hood



50" DCH provides a spacious workspace for pharmaceutical compounding

Product Features

- **Includes:** variable speed controller (115V only), velometer, and LED light
- **Optional:** clear anti-static vinyl curtains, Magnehelic Gauge, hour counter, and spill tray.
- **Standard Sizes:** 12", 18", 24", 30", 40", 50", 60", and 70" (*custom sizes available*)
- Quiet operation
- Long filter life
- Simple, quick "no tool" filter change
- Portable and lightweight
- Reliable, low maintenance operation



Product Specifications



Shown with outer dimensions.
Dimensions are approximate.

Hood Dimensions (D x W x H)	Outer: 24" x 52" x 25" Interior: 23.5" x 50" x 24" Access Area: 8" x 50"
Hood Material	Sides: 0.25" white acrylic Base: 0.5" white high density polyethylene Top: 0.5" clear polycarbonate Front Window: 0.25" clear polycarbonate
Blower Dimensions	15.5" L x 13" W x 14.5" H
Blower Material	16 Ga. carbon steel with polyester epoxy coating on all surfaces
Weight	125 lbs
Air Volume (approximately)	350 CFM <i>(varies with filter media)</i>
Inlet Velocities on High (approximately)	Carbon Pre-filter + HEPA Filter – 105 FPM high, 25 FPM low Carbon Pre-filter + Heavy Duty Carbon Filter – 80 FPM high, 20 FPM low
Electrical	115/1/60, 2 amps 220/1/50, 0.75 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level	61 to 66 dba (low to high)
Maximum Temperature	Operating temperature not to exceed 170° F
Main Filter Options	HEPA (up to 99.97% efficient on particles down to 0.3 microns) ASHRAE (up to 95% efficient on particles down to 0.5 microns) Activated Carbon Specialty-blended filter media (i.e. acid gas, mercury, aldehyde, and ammonia)
Warranty	Limited two-year warranty from date of shipment on defects due to materials or workmanship.
Patent #	5,843,197



60" Ductless Fume Hood

Model # SS-360-DCH

MADE IN
THE USA



SINCE 1983

The **60" Wide Ductless Fume Hood** combines powerful air flow with a sturdy and compact enclosure for optimal respiratory and environmental protection. This fume hood helps protect the operator and environment from hazardous fumes or particulate generated from applications performed within the hood.

The **60" Ductless Fume Hood's** powerful fan directs fumes into the filter chamber containing high quality filter media selected depending on the application. Filter media choices include **HEPA** [up to 99.97% efficiency on particles 0.3 microns and larger], **ASHRAE** [up to 95% efficiency on particles 0.5 microns and larger], **Activated Carbon**, and **specialty-blended filtration** [*i.e. acid gas, mercury, aldehyde, and ammonia*].

Typical uses for the **60" Ductless Fume Hood** include *chemical fumes, pharmaceutical compounding, soldering applications, dust removal, biological applications, and a variety of applications requiring fume and dust removal.* The **60" Ductless Fume Hood** can provide an effective and economical solution for many commercial, medical, laboratory, and industrial applications. For additional visibility, a transparent version is available at extra cost.

Our line of ductless fume hoods is not intended for sterile compounding applications.



60" Ductless Fume Hood



60" DCH provides chemical fume control for use with various substances.

Product Features

- **Includes:** variable speed controller (115V only), velometer, and LED light
- **Optional:** clear anti-static vinyl curtains, Magnehelic Gauge, and hour counter
- **Standard Sizes:** 12", 18", 24", 30", 40", 50", 60", and 70" (*custom sizes available*)
- Quiet operation
- Long filter life
- Simple, quick "no tool" filter change
- Portable and lightweight
- Reliable, low maintenance operation



Fume & Particulate Removal

Product Specifications



Shown with outer dimensions.
Dimensions are approximate.

Hood Dimensions (D x W x H)	Outer: 24" x 62" x 25" Interior: 23.5" x 60" x 24" Access Area: 8" x 60"
Hood Material	Sides: 0.25" white acrylic Base: 0.5" white high density polyethylene Top: 0.5" clear polycarbonate Front Window: 0.25" clear polycarbonate
Blower Dimensions	15.5" L x 13" W x 14.5" H
Blower Material	16 Ga. carbon steel with polyester epoxy coating on all surfaces
Weight	140 lbs
Air Volume (approximately)	350 CFM <i>(varies with filter media)</i>
Inlet Velocities on High (approximately)	Carbon Pre-filter + HEPA Filter - 100 FPM high, 25 FPM low Carbon Pre-filter + Heavy Duty Carbon Filter - 70 FPM high, 20 FPM low
Electrical	115/1/60, 2 amps 220/1/50, 0.75 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level	61 to 66 dba (low to high)
Maximum Temperature	Operating temperature not to exceed 170° F
Main Filter Options	HEPA (up to 99.97% efficient on particles down to 0.3 microns) ASHRAE (up to 95% efficient on particles down to 0.5 microns) Activated Carbon Specialty-Blended Filter Media (i.e. acid gas, mercury, aldehyde, and ammonia)
Warranty	Limited two-year warranty from date of shipment on defects due to materials or workmanship.
Patent #	5,843,197



70" Ductless Fume Hood

Model # SS-370-DCH



The **70" Wide Ductless Fume Hood** combines powerful air flow with a sturdy and compact enclosure for optimal respiratory and environmental protection. This fume hood helps protect the operator and environment from hazardous fumes or particulate generated from applications performed within the hood.

The **70" Ductless Fume Hood's** powerful fan directs fumes into the filter chamber containing high quality filter media selected depending on the application. Filter media choices include **HEPA** [up to 99.97% efficiency on particles 0.3 microns and larger], **ASHRAE** [up to 95% efficiency on particles 0.5 microns and larger], **Activated Carbon**, and **specialty-blended filtration** [*i.e. acid gas, mercury, aldehyde, and ammonia*].

Typical uses for the **70" Ductless Fume Hood** include *chemical fumes, pharmaceutical compounding, soldering applications, dust removal, biological applications, and a variety of applications requiring fume and dust removal.* The **70" Ductless Fume Hood** can provide an effective and economical solution for many commercial, medical, laboratory, and industrial applications. For additional visibility, a transparent version is available at extra cost.

Our line of ductless fume hoods is not intended for sterile compounding applications.



70" Ductless Fume Hood



70" DCH provides chemical fume control.



70" DCH can be fitted with dual blowers for increased airflow.

Product Features

- **Includes:** variable speed controller (115V only), clear anti-static vinyl curtains, velometer, and LED light
- **Optional:** Magnehelic Gauge and hour counter
- **Standard Sizes:** 12", 18", 24", 30", 40", 50", 60", and 70" (*custom sizes available*)
- Quiet operation
- Long filter life
- Simple, quick "no tool" filter change
- Portable and lightweight
- Reliable, low maintenance operation



Fume & Particulate Removal

Product Specifications



Shown with outer dimensions.
Dimensions are approximate.

Hood Dimensions (D x W x H)	Outer: 24" x 72" x 25" Interior: 23.5" x 70" x 24" Access Area: 8" x 70"
Hood Material	Sides: 0.25" white acrylic Base: 0.5" white high density polyethylene Top: 0.5" clear polycarbonate Front Window: 0.25" clear polycarbonate
Blower Dimensions	15.5" L x 13" W x 14.5" H
Blower Material	16 Ga. carbon steel with polyester epoxy coating on all surfaces
Weight	155 lbs
Air Volume (approximately)	350 CFM <i>(varies with filter media)</i>
Inlet Velocities on High (approximately)	Carbon Pre-filter + HEPA Filter - 100 FPM high, 25 FPM low Carbon Pre-filter + Heavy Duty Carbon Filter - 70 FPM high, 20 FPM low
Electrical	115/1/60, 2 amps 220/1/50, 0.75 amps 8' grounded power cord with NEMA 5-15P plug
Sound Level	61 to 66 dba (low to high)
Maximum Temperature	Operating temperature not to exceed 170° F
Main Filter Options	HEPA (up to 99.97% efficient on particles down to 0.3 microns) ASHRAE (up to 95% efficient on particles down to 0.5 microns) Activated Carbon Specialty-Blended Filter Media (i.e. acid gas, mercury, aldehyde, and ammonia)
Warranty	Limited two-year warranty from date of shipment on defects due to materials or workmanship.
Patent #	5,843,197

