



DEDICATED TO DISCOVERY. INSPIRED BY INNOVATION.





—
THOUGHTFULLY DESIGNED,
ENGINEERED TO PERFORM,
TECHNOLOGICALLY ADVANCED
FUME HOODS AND ACCESSORIES



**We are HH Hawkins – an innovative
fume hood manufacturing, testing
and product development company.**

We have been a leading supplier of fume hoods for over 30 years. Our premium products can be found in laboratories, research facilities and education institutions throughout North America. In-house design and manufacturing capabilities provide flexibility and innovation while maintaining quality control and expediting delivery.

VALUES

Integrity
Innovation
Care
Commitment

I₂C₂



BOLDLY INNOVATIVE PROGRESSIVE, PROACTIVE AND PIONEERING.

Through dedicated research and a passionate drive to never stop moving forward, we are creating the next generation of fume hoods that will revolutionize the fume hood industry.

Products that are smart, sleek and sophisticated. A flawless blend of form and function.

As the only manufacturer of fume hoods in Western Canada, we provide demonstrations, teaching, witnessing in person and virtual testing.

Our in-house testing capabilities include a fully functioning and configurable CAV and VAV laboratory.

- Product research and development
- Architectural and engineering product presentations
- Fume hood airflow visualization
- Fume hood operation/safety training
- ASHRAE 110 "As Manufactured" in person or virtual testing



FUME HOOD STANDARD FEATURES

- Constant and Variable Air Volume models offered in both bench mount, floor mounted designs and wheelchair accessible
- Fume hoods are fully tested to ASHRAE 110-2016 Method of Testing Performance of Laboratory Fume Hoods and meets MD15128, CSA 316.5-20, ANSI AIHA Z9.5 tracer gas tested with rating of less than 4AM0.05ppm
- Interior liner materials available to suit most requirements, offered in Polyresin (FRP), stainless steel, polyethylene, and PVC
- Exterior panels are 18 gauge metal with a chemical resisting baked powder coating and are attached to fume hood superstructure with hidden fasteners
- Full view tempered or laminated safety glass, vertical rising, horizontal sliding and combination
- Aerodynamically angled front face to eliminate turbulence and reverse flow
- Three section rear baffles with side scavenger slots to enhance face velocity profile and containment
- Standard electrical fixtures include a vapour sealed LED light fixture, light switch and two 120 volt/20 amp GFCI T-Slot duplex receptacles. All electrical fixtures are factory installed and pre-wired.

Fume hoods are certified to:
CAN/CSA-C22.2 No. 61010-1-12 +U1;U2; A1
UL 61010-1: 2012 Ed.3+R21Nov. 2018
UL 1805 - 2002

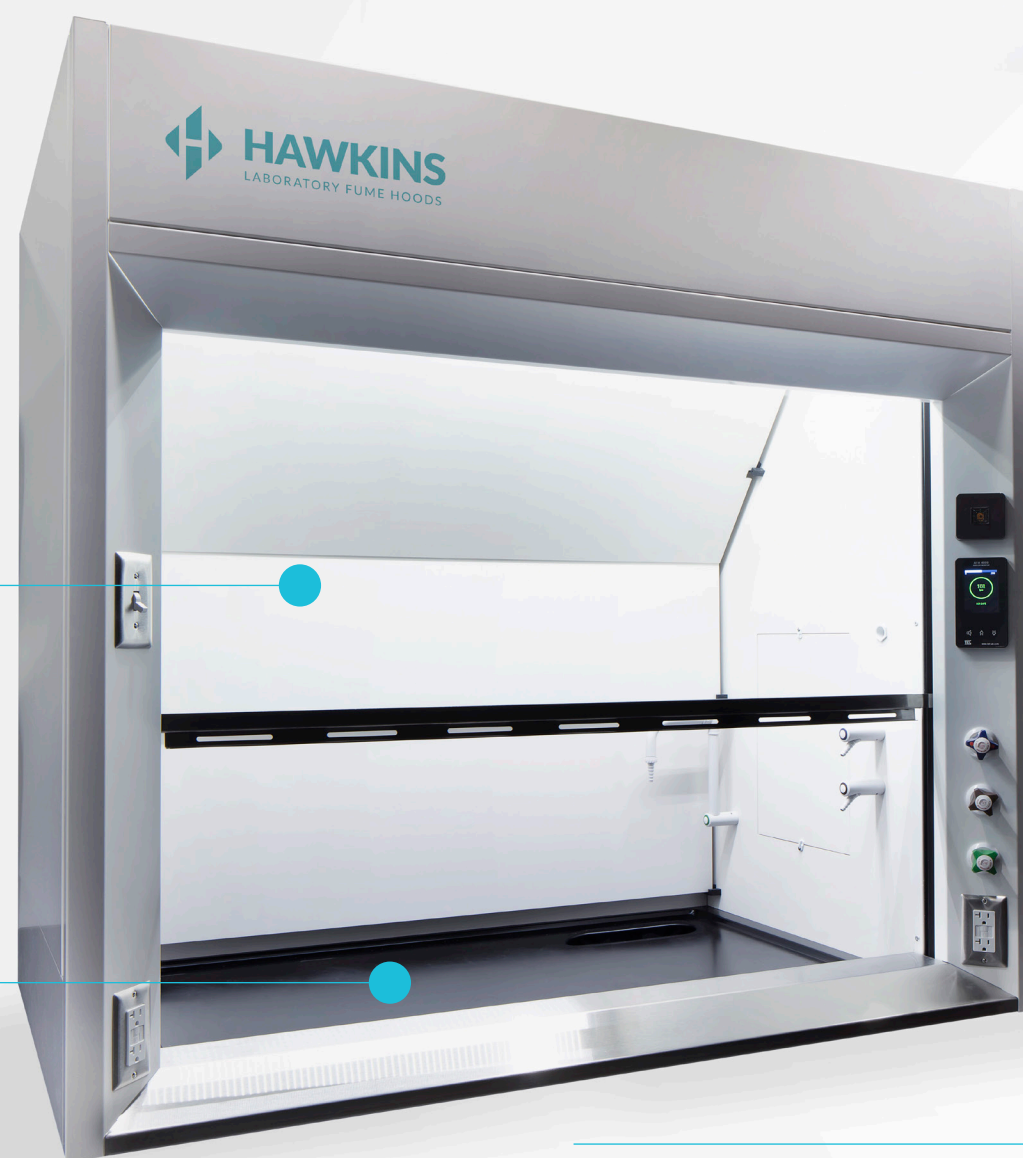
- Fume hood superstructures are shipped fully assembled with work surface factory installed

BAFFLES

- Factory set and easily removable
- 3 piece construction
- Staggered design
- Lower, center, mid and upper exhaust slots
- Side scavenger slots
- Non-metallic baffle supports

WORK SURFACES

- Factory installed for ease of installation on-site
- Materials offered are moulded dished epoxy, stainless steel, polyethylene, PVC



SASH PULL

- Type 316 stainless steel, full length
- Low profile design
- Intake slots enhance capture and containment capacity
- Fully counterbalanced with one finger vertical operation



LOW AIRFLOW MONITOR/ALARM

Model AFA4000 factory installed low airflow monitor and alarm system. Other models available as required or specified:

- Full-colour 3.5" LCD display
- Digital velocity display in fpm or m/s
- Visual and audible alarms
 - Graphic display:
 - Green = Safe
 - Amber = Caution
 - Red = Alarm
 - Alarm Indication: Red graphic with audible alarm
 - Audible alarm can be silenced but Red graphic will stay active until alarm condition is corrected
- BACnet and Modbus on board
- Auto sash integration available

MECHANICAL SERVICE FIXTURES

- BROEN-LAB fixtures are offered as standard
- Front load valves offered as standard with double sealed connections to minimize potential leaks
- Factory installed and pre-piped with stainless steel braided flexible hosing
- Colour coded plastic handles (PP) matched to indicator button on the nozzles and goosenecks
- Polycoat powder coated fittings inside of fume hood are white in colour

ADDITIONAL ACCESSORIES

SINKS, CUPSINKS, DILUTION TANKS

- A full range of sinks, cupsinks and drop-in sinks are offered
- Materials available are epoxy, polyethylene and stainless steel
- Under counter 3 and 5 gallon dillution tanks
- Lattice racks
- Water Saver mechanical fixtures also available

SUPPORTING BASE CABINETS/TABLES

- Offered in wood veneer, baked enamelled steel and polypropylene
- Acid storage with poly lining, shelf and floor, vented into fume hood if required
- Flammable/solvent storage meeting ULC1275, FM and NFPA
- Heavy duty all welded supporting table frames
- Standing height, sitting height and wheelchair accessible

YOUR RESEARCH DRIVES OUR INNOVATION.





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