

TruView® Teaching Hoods



Features:

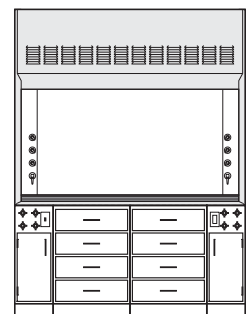
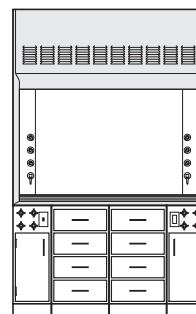
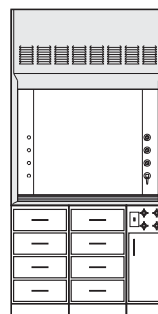
- Available in 4-foot, 5-foot, and 6-foot lengths, either single-sided for use against walls, or double-sided for use in center of laboratory.
- Glass end-walls and center baffles provide unobstructed view through hood.
- Uni-baffle design allows both halves of the double-sided hood to function independently as a complete fume hood.
- Sash-stops provided at 18" for economical hood operation.
- Designed for use as a stand-alone hood or in assemblies of multiple hoods sharing common endwalls.
- Frameless sash with full-length handle for neat, clean appearance and streamline air flow.
- Flush-sill design allows easy access and excellent airflow.
- Designed and tested to meet ASHRAE 110-1995 standards.

Typical Standing Height Configurations

4'-0"

5'-0"

6'-0"



Typical ADA Height Configurations

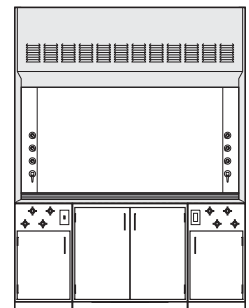
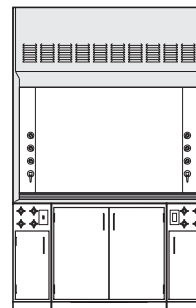
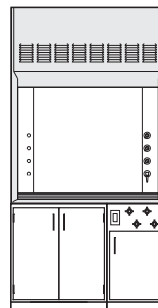
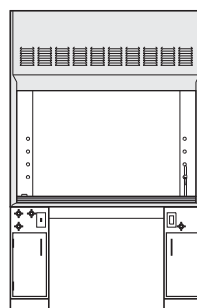
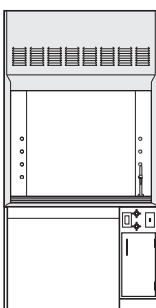
4'-0"

5'-0"

4'-0"

5'-0"

6'-0"

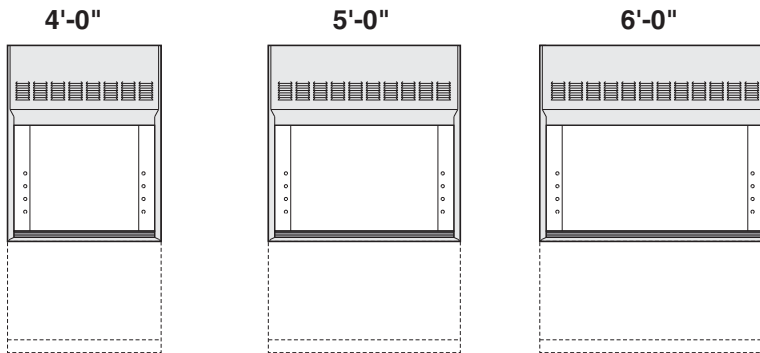


TruView® Teaching Hoods

Ordering Instructions:

1. Select Teaching Hood superstructure. When planning a multiple-hood assembly, select both a Right End and Left End hood, and as many Middle hoods as needed to finish the assembly.
2. Select a Hood Work Top for each hood. Work Tops are available in either Black or Grey dished Kemresin.
3. Select the required number of cupsinks for each hood.
 - 1 for 48" Single-sided
 - 2 for 48" Double-sided
 - 2 for 60" and 72" Single-sided
 - 4 for 60" and 72" Double-sided
4. Select Service Fittings and Electrical Fixtures. Each hood can accept up to four service fittings at each cupsink location. Hoods ship with removable plug buttons in service fitting holes.
5. Select base cabinets to fill the area below hood. Sink cabinet is needed on right end of 48" hoods and both ends of 60" and 72" hoods to house cupsink and service fittings.
6. Select Filler Panels as required.

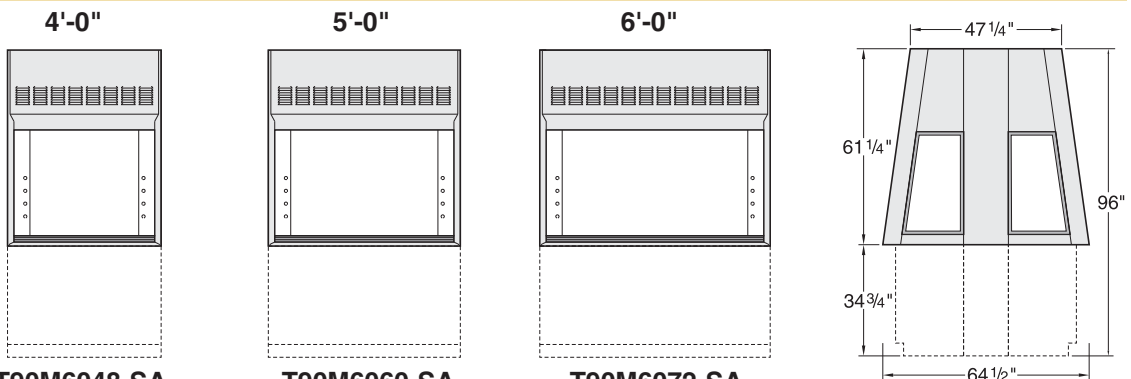
Single-sided Hood Superstructure



Stand Alone	T90M3048-SA	T90M3060-SA	T90M3072-SA
Left End	T90M3048-LE	T90M3060-LE	T90M3072-LE
Right End	T90M3048-RE	T90M3060-RE	T90M3072-RE
Middle	T90M3048-AD	T90M3060-AD	T90M3072-AD

Overall Hood Length	Duct Collar Dimensions	Sash Opening Sq. Ft. *	Total CFM and Static Pressure			
			80 FPM	Static Pressure	100 FPM	Static Pressure
4'-0" / 48"	5" x 20"	5.5	440	0.10	550	0.15
5'-0" / 60"	5" x 25"	7.0	560	0.10	700	0.15
6'-0" / 72"	5" x 30"	8.5	680	0.10	850	0.15

Double-sided Hood Superstructure



Stand Alone	T90M6048-SA	T90M6060-SA	T90M6072-SA
Left End	T90M6048-LE	T90M6060-LE	T90M6072-LE
Right End	T90M6048-RE	T90M6060-RE	T90M6072-RE
Middle	T90M6048-AD	T90M6060-AD	T90M6072-AD

Overall Hood Length	Duct Collar Dimensions	Sash Opening Sq. Ft. *	Total CFM and Static Pressure			
			80 FPM	Static Pressure	100 FPM	Static Pressure
4'-0" / 48"	9" x 20"	11.0	880	0.10	1100	0.20
5'-0" / 60"	9" x 25"	14.0	1120	0.15	1400	0.20
6'-0" / 72"	9" x 30"	17.0	1360	0.15	1700	0.20

* Based on 18" high sash opening

TruView® Teaching Hood Accessories

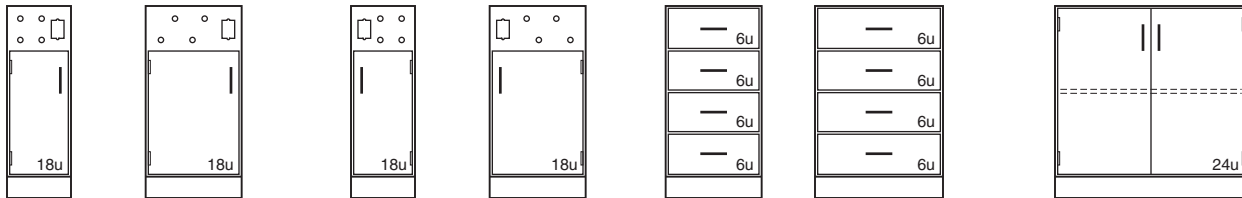
Cabinet Options:

Shown below are the most common cabinets used below TruView fume hoods. Most other base cabinets shown in this catalog may be used.

Note: Last four digits of part number designates door and drawer head style, hinge, hardwood species, and pull selection. See page 4 for full explanation. Actual product may

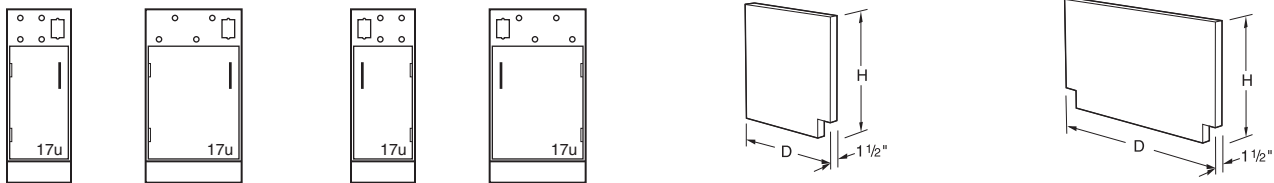
vary slightly from catalog illustration due to style and hardware selection.

Wood Standing Height Base Cabinets 34³/₄" high



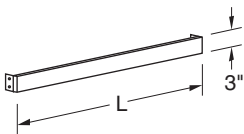
- | | | | |
|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| G10W362212L _____ 12"L | G10W362212- _____ 12"L | D30W362218-_0 ___ 18"L | C03W362230- _____ 30"L |
| G10W362218L _____ 18"L | G10W362218- _____ 18"L | D30W362224-_0 ___ 24"L | C03W362236- _____ 36"L |
| without fixture cutouts | without fixture cutouts | | |
| G00W362212L _____ 12"L | G00W362212- _____ 12"L | | |
| G00W362218L _____ 18"L | G00W362218- _____ 18"L | | |

Wood ADA Height Base Cabinets 32³/₄" high **Pedestal Legs**

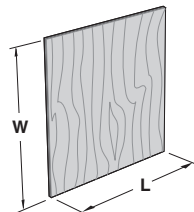


- | | | | |
|-------------------------------|-------------------------------|---|---|
| G10W342212L _____ 12"L | G10W342212- _____ 12"L | A25W3430-00_0 33" H | A26W3459-00_0 33" H |
| G10W342218L _____ 18"L | G10W342218- _____ 18"L | A25W3630-00_0 35" H | A26W3659-00_0 35" H |
| without fixture cutouts | without fixture cutouts | Pedestal Legs are 1 ¹ / ₂ " thick and 29 ³ / ₄ " deep. They may be used instead of base cabinets to support the hood. They should be used with a Knee Space Panel and Apron Rail for stability. | Pedestal Legs are 1 ¹ / ₂ " thick and 58 ¹ / ₂ " deep. They may be used instead of base cabinets to support the hood. They should be used with a Knee Space Panel and Apron Rail for stability. |
| G00W342212L _____ 12"L | G00W342212- _____ 12"L | | |
| G00W342218L _____ 18"L | G00W342218- _____ 18"L | | |

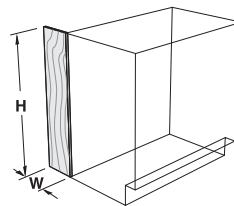
Apron Rails **Knee Space Panels** **Filler Panels**



- A00W0330-00_0** 30"L
A00W0336-00_0 36"L
 Apron Rail 3/4" thick, 3" high, can be cut to length in field. Furnished with angles for attachment to adjacent units or pedestal legs.



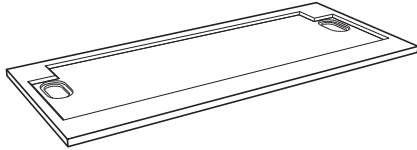
- X-WK3036-00_0** 30" L
X-WK3636-00_0 36" L
 3/4" thick plywood, 36" W. Designed to be field-cut to exact width and length required. Furnished with two cleats



- X-WP0836-00_0** 8"W x 36"H
X-WP1436-00_0 14"W x 36"H
 Fabricated from 3/4" thick hardwood plywood with edges cut square for flush installation.

TruView® Teaching Hood Accessories

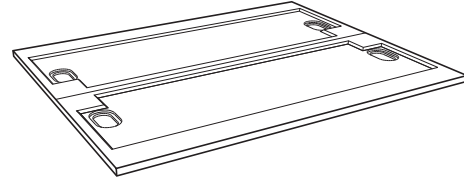
Single-sided Hood Work Tops



Black Kemresin	Grey Kemresin	Slate Kemresin	
T90R3048-BK	T90R3048-GR	T90R3048-SL	48"L
T90R3060-BK	T90R3060-GR	T90R3060-SL	60"L
T90R3072-BK	T90R3072-GR	T90R3072-SL	72"L

Six foot and five foot tops are furnished with two cupsink cutouts, one each on the left and the right. Four foot tops are furnished with only one, on the right.

Double-sided Hood Work Tops



Black Kemresin	Grey Kemresin	Slate Kemresin	
T90R6048-BK	T90R6048-GR	T90R6048-SL	48"L
T90R6060-BK	T90R6060-GR	T90R6060-SL	60"L
T90R6072-BK	T90R6072-GR	T90R6072-SL	72"L

Six foot and five foot tops are furnished with four cupsink cutouts, two on each side, one on the left and one on the right. Four foot tops are furnished with only two, on the right of each side.

Cupsinks

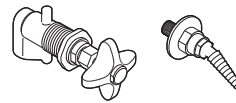


0490-BE Black Epoxy
0490-GE Grey Epoxy
0490-SE Slate Epoxy
 Complete with removable strainer. 6"x 3" inside dimension. 1 1/2" I.P.S. male straight thread outlet. (Overall height is 7 1/2")



0491-BP Black Poly
0491-GP Grey Poly
 Complete with removable strainer. 6"x 3" inside dimension. 1 1/2" I.P.S. male straight thread outlet. (Overall height is 8 1/2")

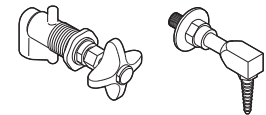
Service Fittings



W-0744-A Air
W-0744-G Gas
W-0744-V Vacuum

Front-load remote control service valves mount in top rail of sink base cabinet. Air, Gas, and Vacuum valves are furnished with color-coded, angled, nylon hose connector.

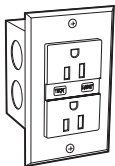
Water Fittings



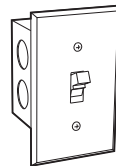
W-0744-W Water

Front load remote control water valves mount in top rail of sink base cabinet. Water valves are furnished with color-coded epoxy-coated brass hose tip.

Electrical Fixtures

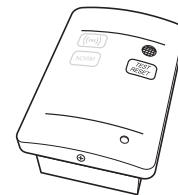


0656-1V Receptacle
 120 volt, GFI, specification grade, 20 amp, ground fault protected, single duplex receptacle with electric box and stainless steel face plate.



0655-1V Light Switch
 single pole, 120/240 volt AC, 20 amp. with electric box and stainless steel face plate.

Air Alert 300 Face Velocity Airflow Alarm



X-018528-S Air Alert 300/AirGard 200 consists of a therm-istor sensor mounted through the end wall of the hood, and a control monitor that gives both a visual and audible alarm. The alarm monitors the fume hood face velocity and sounds an alarm when the airflow falls below safe levels. A glowing green light signals when conditions are again safe. The control monitor also contains a test/reset button that allows the hood user to verify alarm readiness.

Double-sided TruView hoods require two alarms, one for each sash opening.

Demonstration & Teaching Hoods

Duo-Vision Demonstration Hood

Double-sided teaching and demonstration hood



T95K8460-_____ Glass End Panels
T95K8460S_____ Glass End Panels/One Sash Fixed
T95K8460X_____ Solid End Panels

DIMENSIONS:

Overall: 84" H x 32" D x 60" L
Hood: 48" H x 30" D x 58" L
Interior: 40" H x 25" D x 53" L
Base Cabinet: G87W363059-_____ 34³/₄" H x 30" D x 59" L
Work Top: 1¹/₄" H x 32" D x 60" L

MATERIALS:

Hood Exterior: Cold Rolled Steel – Finish: #61 Light Neutral
Hood Lining: Glass & KMER
Base Cabinet: Hardwood Veneer – Specify Style
Work Top: Dished Kemresin

Sink: (1) **1038-00** 12" Dia Kemresin
 (1) **0482-BP** 1¹/₂" IPS Sink Outlet
Electric Fixtures: (2) **0656-01** 120 VAC GFI Duplex Receptacle
 (2) 3-way Light Switch
 (1) Blower Switch with Warning Light
 (1) Blower Warning Light
Fittings: (1) **W-0337-0V** Water VB Gooseneck
 (1) **W-0260-00** Single Outlet Service Fittings

No service piping, electrical conduit, ducting or exhaust fan included.

Options:

Glass End Panels

T95K8460-F_____ Without Fixtures & Fittings
T95K8460-T_____ Without Top, Sink Fixtures & Fittings
T95K4860-00 Hood Only

Glass End Panels & One Sash Fixed

T95K8460SF_____ Without Fixtures & Fittings
T95K8460ST_____ Without Top, Sink Fixtures & Fittings
T95K4860S00 Hood Only

Solid End Panels

T95K8460XF_____ Without Fixtures & Fittings
T95K8460XT_____ Without Top, Sink Fixtures & Fittings
T95K4860X00 Hood Only

Features:

- Dual working sashes with glass end panels for excellent visibility into hood.
- Available with one sash in fixed closed position for higher access control.
- Furnished with 12" diameter sink with water faucet and service fitting.
- Furnished with 3-way light switch, blower switch with warning light and gfi duplex receptacles.
- Available with or without base cabinet, work top, fittings and fixtures.

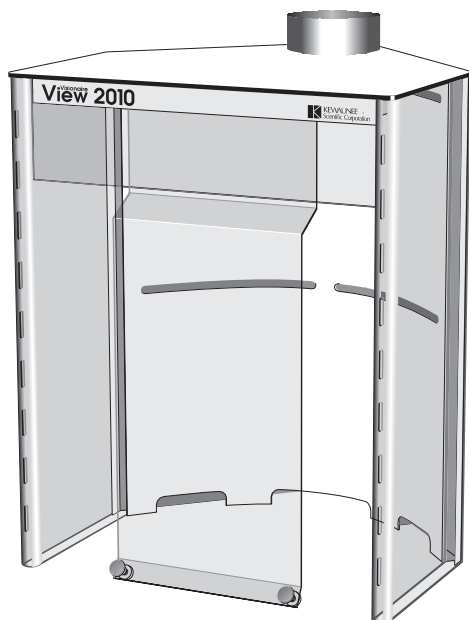
Recommended:

Face Velocity: 80 feet/minute
 Sash Opening: 53" x 30" *
 Duct Collar: 12" Dia
 Exhaust Volume: 940 cfm
 Static Pressure: 0.30" @ 940 c.f.m.

* based on only one sash open at a time.

Demonstration & Teaching Hoods

Visionaire View 2010 Ventilated Workstation



H90-S2430-02 30" High x 24³/₁₆" Deep x 24³/₈" Wide

Features:

- Designed for use in instructional laboratories, incorporating safety, affordability, and durability features.
- Compact size addresses the special conditions of micro-scale and semi-micro-scale experimentation.
- Provides protective ventilation without sacrificing visibility required by teachers and students.
- An affordable alternative to large conventional fume hoods.
- Allows students to view each other's work.
- Transparent enclosure ensures plenty of light.
- Movable transparent safety shield offers protection to the user.
- Low air volume requirements means low operating cost.
- Unique shape allows clustering of two, three, or four workstations to fit the requirements of the laboratory.

Dimensions:

Overall: 24³/₈"W x 30"H x 24³/₁₆"D

Interior: 21⁷/₈"W x 29³/₄"H x 18³/₈"D

Duct Collar: 5¹⁵/₁₆"O.D.

Recommended:

Face Velocity: 80 feet/minute

Exhaust Volume: 200 c.f.m.

Static Pressure: 0.10" @ 200 c.f.m.

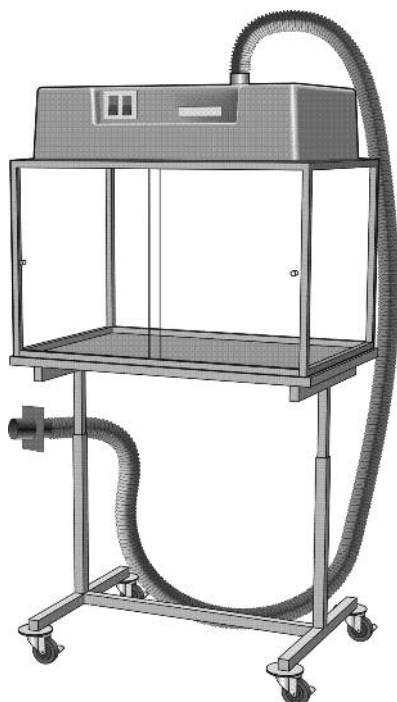
Materials:

Exterior: Clear Copolyester & Stainless Steel

Interior: Clear Copolyester & Polyethylene

Safety Shield: Clear Copolyester

Hemco Portable Demonstration Hood



F-5335-00 30" High x 24" Deep x 35" Long

Features:

- Transparent viewing panels on three sides and double sliding front panel of clear acrylic chemical resistant plastic. Anodized aluminum frame.
- Factory installed and wired exhaust blower and vapor-proof light with front panel mounted switches and six foot power cord. UL listed and CSA approved.
- Includes 3" diameter Flexible Ducting, 12 feet long, with Quick Connect fitting and PVC Vent Outlet for venting through wall or window.
- Top enclosure constructed of chemical resistant, high-impact, fire retardant fiberglass, blue in color. Encloses integral motor/blower providing 100 CFM free air.
- Includes caster mounted, adjustable height, Mobile Table base with plastic laminate top.