

### General Description

Clean Air Products' complete line of fume hoods and wet process stations are designed specifically to meet the needs of semiconductor manufacturing operations. With over 20 years of design, manufacturing and service experience, Clean Air Products can supply the complete package tailored to your requirements.

### Features

- ❖ Bench material – white polypropylene or stainless steel
- ❖ Instrument housing – CRS painted white or stainless steel
- ❖ Exhaust duct – polypropylene or stainless steel
- ❖ Work surface – polypropylene or stainless steel
- ❖ Plenum drain – 1-1/2 NPT – to be plumbed by others
- ❖ Front window – hinged – acrylic material
- ❖ Leg levelers –  $\pm 1/2$ -in. adjustment
- ❖ Instrument panel
- ❖ Light switch

- ❖ Fluorescent light – 2 bulbs
- ❖ Electrical junction box (\*\*Amps @ 120 volts 60 Hz)
- ❖ Front and rear exhaust grills
- ❖ 19-in. deep plenum (other depths optional)

NOTE: Standard polypropylene is used. Fire retardant polypropylene is available at additional cost.

### Sizes

Units are available in 3, 4, 5, 6, and 8 ft. widths and 30, 36, and 42 in. depths. Other sizes are available upon request.

Please contact the factory for additional details regarding construction and options.

### Options

- ❖ Bottom storage cabinet
- ❖ Main circuit breaker
- ❖ Ground fault with electric outlet – 4-plex – 120 volt
- ❖ EMO switch
- ❖ Minihelic gauge
- ❖ Exhaust alarm

- ❖ Sinks – polypropylene or stainless steel
- ❖ Exhaust port – out the rear duct (Standard is out the top)
- ❖ Counterweighted front sliding window
- ❖ Optional window material
- ❖ Amber sleeves on lights
- ❖ Straight front on hood
- ❖ 36-in. depth
- ❖ Front recessed control panel in plenum
- ❖ Cascades; dump rinsers; ultrasonic cleaners; heated baths; filtered etch baths; goosenecks; DI water loops; fire extinguishing systems; sinks; tanks; and more
- ❖ Optional features and sizes

## Series 1412



 For more information or to download or fax this product from the web, simply go to:  
[www.cleanairproducts.com/1412](http://www.cleanairproducts.com/1412)

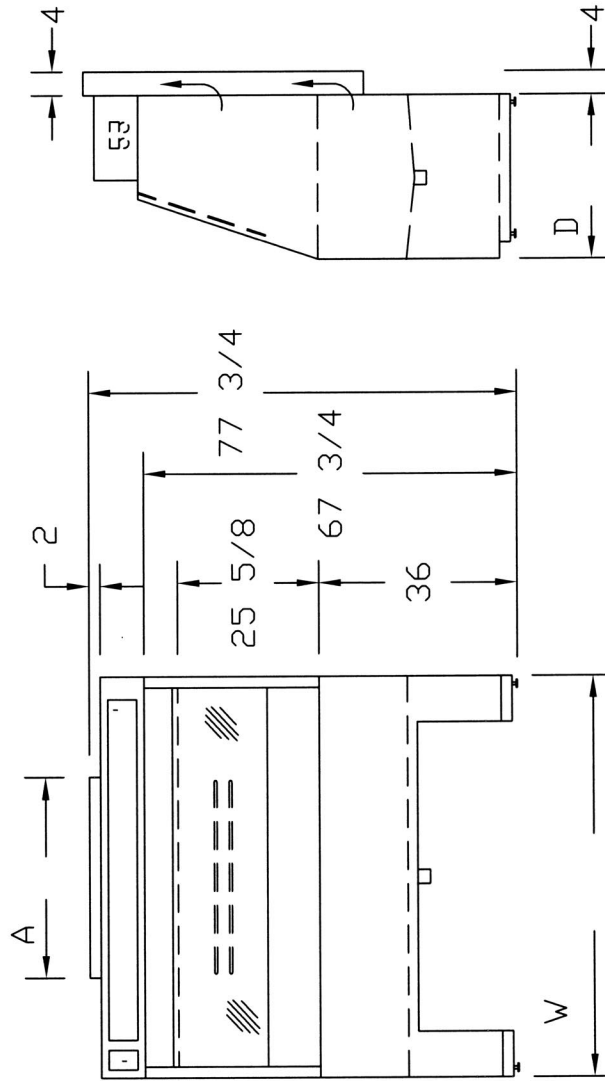
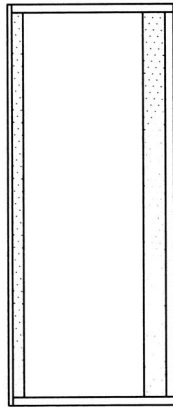
WIDTH(FT)	A
3	23 1/2
4	23 1/2
5	23 1/2
6	38 1/2
7	38 1/2
8	2-23 1/2

THE SERIES CAP1412 FUME HOODS ARE AVAILABLE IN STAINLESS STEEL, STANDARD WHITE POLYPROPYLENE AND FIRE RETARDANT POLYPROPYLENE

SIZES: THE UNITS ARE AVAILABLE IN 3, 4, 5, 6, 8 AND 10FT WIDTHS AND 30, 36 AND 42 INCH DEPTHS. OTHER SIZES ARE AVAILABLE UPON REQUEST.

- HEADCASING FOR ELECTRICAL & PROCESS CONTROLS
- FLUORESCENT LIGHT W/SEALED LIGHT LENS
- INTERIOR REAR WALL EXHAUST SLOTS
- FRONT AND REAR EXHAUST GRILLES
- OPEN AIR FLOW UNDER PLENUM
- OPTIONAL LOWER STORAGE CABINET
- STANDARD PLENUM - 16IN DEEP
- FRONT ACCESS FOR ELECTRICAL & PLUMBING

-PLEASE CONTACT THE FACTORY FOR ADDITIONAL DETAILS  
 -REGARDING CONSTRUCTION AND OPTIONS.

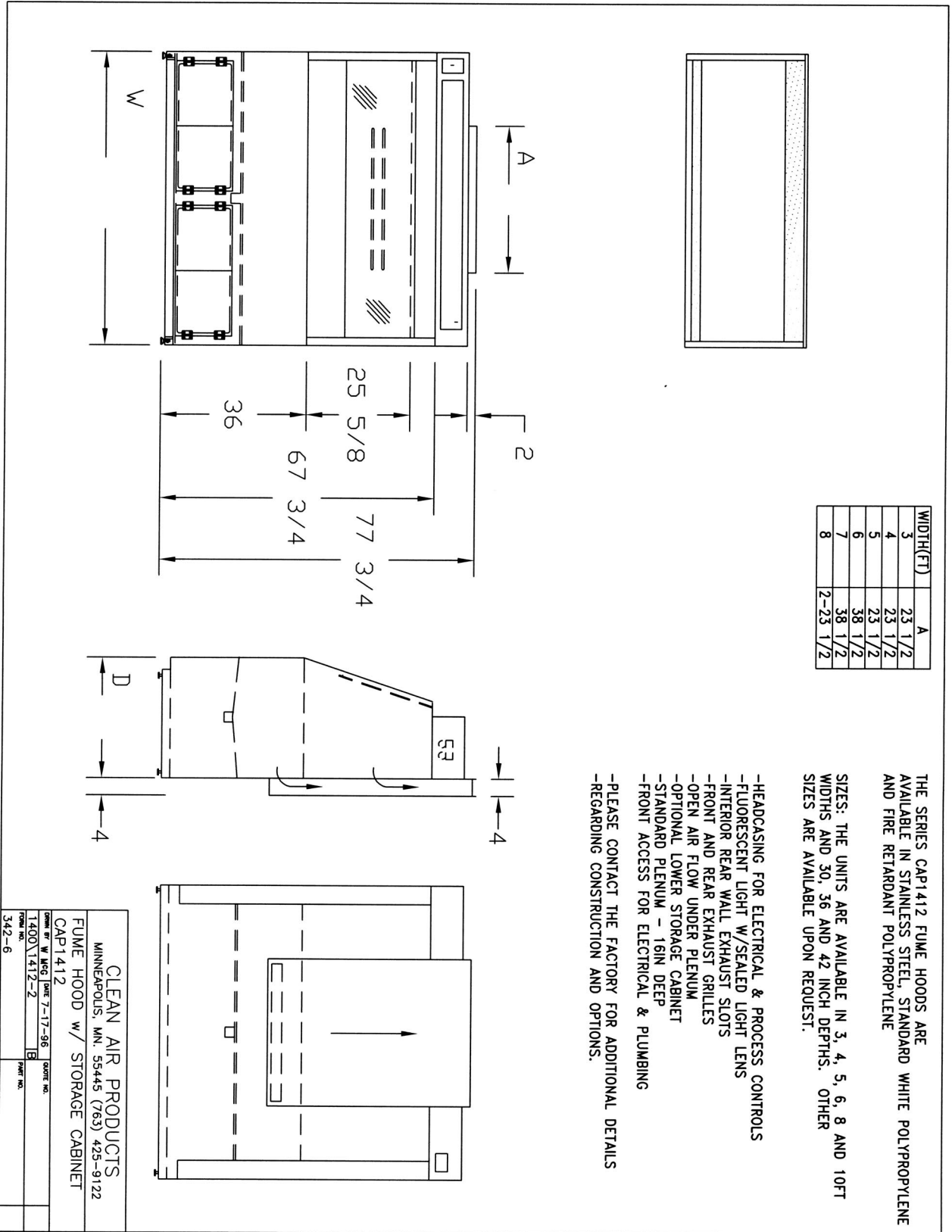


CLEAN AIR PRODUCTS  
 MINNEAPOLIS, MN. 55445 (763) 425-9122

FUME HOOD  
 CAP1412

DATE BY W.M.C. DATE 7-17-96 QUOTE NO.  
 1400\1412-1 B

FORM NO. PART NO.  
 342-3



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FUME HOOD w/ STORAGE CABINET  
 CAP1412

Order by: W. MacG. DATE 7-17-96 QUOTE NO.  
 1400\1412-2 18 PART NO.  
 FORM NO. 342-6

Specifications subject to change. Please contact factory for details.



**Solutions Built to Your Specifications.**  
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