

Safety in my shop
Sound and air quality

My compressor and dust collector are very loud so I added a sound curtain



JCDC-3 Cyclone Dust Collector Kit, 3HP, 230V

SKU: 717530K

\$2,649.99

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JCDC-3 Cyclone Dust Collector Kit, 3HP, 230V

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In 2016 I paid \$1526 no shipping Wow!



This is an exhaust sound muffler I made to mount a sound curtain and allow dust collector air to flow freely back into the shop. The curtain and muffler help reduce sound from dust collector and compressor

Shop sound base line is around 38 db

Dust collector 86 to 63 device one 90 75 device 2
23 or 15 db reduction

Compressor 75 to 65 device one 91to 75db device 2 for compressor with different meter 10
10 to 16 db reduction



Curtain in place





Just above the curtain is the air exhaust vent

Acoustical Surfaces, Inc. | 123 Columbia Court N, Chaska, MN 55318 direct. 952.466.8229 | o. 800.527.6253 | f. 952.448-2613


\$1059 + \$336 shipping BSC-25 Acoustical Quilted Curtain Wall - Panels constructed with two layers of nominally 1" thick fiberglass on either side of an 1/8" thickness, 1 lb. psf Mass Loaded vinyl Noise Barrier

With my plane work I started having respiratory symptom. I picked up this particle monitor and realized in a closed shop the particle count was much higher than I realized. I now use it all the time



 **Temtop LKC-1000E Professional Formaldehyde Detector HCHO PM2.5 PM10 AQI Accurate Air Quality Monitor**
Visit the [Temtop Store](#)
★★★★☆ 41 ratings | 13 answered questions

\$115⁹⁹
& **FREE Returns** ▾

 Local Business ▾

| | |
|------------------------------|---------------------------|
| Brand | Temtop |
| Power Source | Battery Powered |
| Color | LKC-1000E |
| Item Dimensions LxWxH | 6.97 x 2.56 x 1.26 inches |

\$115⁹⁹
& **FREE Returns**
FREE Prime del **May 30**. Order mins
📍 Deliver to Ma 93420
Only 2 left in stock.
Qty: 1 ▾
Add
Buy

Temtop Air Quality monitor \$115

https://www.amazon.com/gp/product/B073VHHNGT/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&psc=1

PM2.5 PM10 Formaldehyde

I use PM10. I find base lines between 500-1000

After using a blast cabinet I can see this go up to 30 thou



This was after about 1 hr blasting

To help get the particles out of the air I added a Jet Filtration unit



JET AFS-1000B Air Filtration System with Remote Control (708620B)
Visit the Jet Store
★★★★★ 741 ratings

\$499⁹⁹

Thank you for being a Prime Member. Get \$125 off: Pay **\$374.99** ~~\$499.99~~ upon approval for the Amazon Business Prime Card. Terms apply.

Not eligible for Amazon Prime. Available with free Prime shipping from other sellers on Amazon.

\$499⁹⁹

FREE delivery Details

Or fastest del **June 2.** Detail

Deliver to M 93420

Only 5 left in soon.

Qty: 1

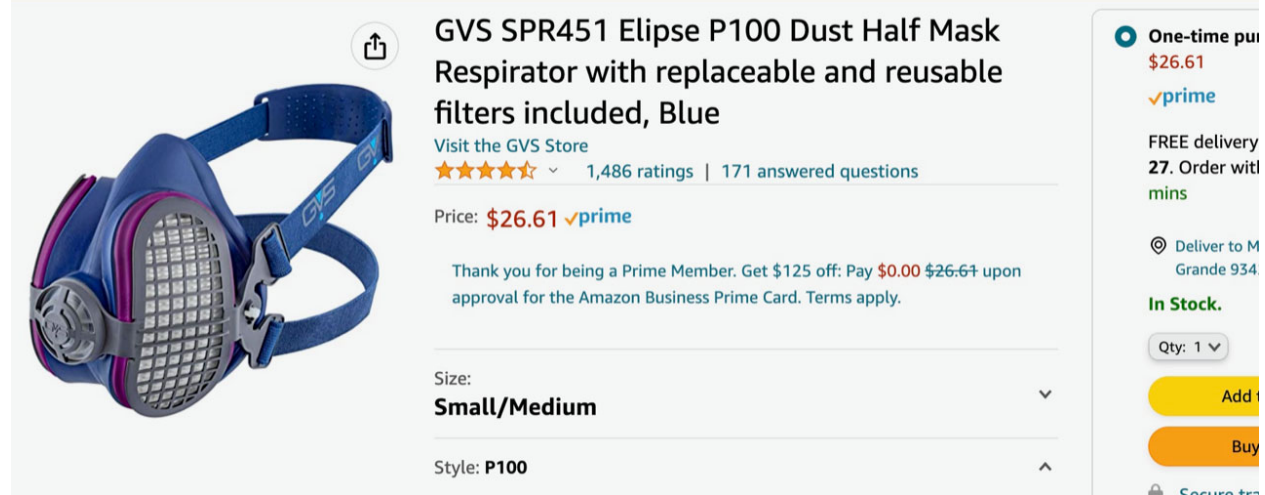
Ad

B

To help manage the particle counts I purchase this Jet Air Filter... After blasting, it will bring the PM10 count to below 500 after 20-30 mins (25" x 30" shop doors closed)

https://www.amazon.com/gp/product/B00004R9LO/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&th=1

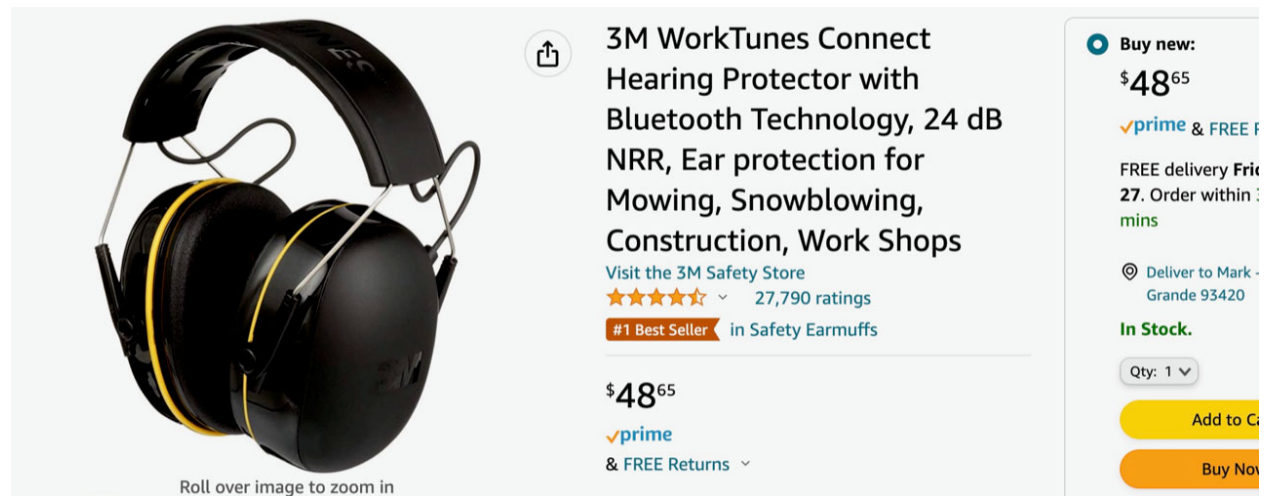
I also use the Elipse mask until the air has cleared to usual base particle levels



The screenshot shows the Amazon product page for the GVS SPR451 Elipse P100 Dust Half Mask Respirator. The product is blue and features a large, circular, mesh-covered filter. The page includes a share icon, the product title, a link to the GVS Store, a 5-star rating with 1,486 ratings and 171 answered questions, and a price of \$26.61 with Prime. A Prime Member benefit is noted: "Thank you for being a Prime Member. Get \$125 off: Pay \$0.00 \$26.61 upon approval for the Amazon Business Prime Card. Terms apply." The size is listed as Small/Medium and the style as P100. On the right, the purchase options show a one-time purchase price of \$26.61, Prime membership, free delivery within 27 minutes, and the item is in stock. There are buttons for "Add to Cart" and "Buy Now".

Dust mask \$26 This one has been the most effective and most comfortable for me

https://www.amazon.com/gp/product/B013SIIBME/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&th=1




The screenshot shows the Amazon product page for the 3M WorkTunes Connect Hearing Protector. The product is black with yellow accents and features a large, circular ear cup. The page includes a share icon, the product title, a link to the 3M Safety Store, a 5-star rating with 27,790 ratings, and a price of \$48.65 with Prime. A Prime Member benefit is noted: "& FREE Returns". The product is listed as the "#1 Best Seller" in Safety Earmuffs. On the right, the purchase options show a buy new price of \$48.65, Prime membership, and free delivery within 27 minutes. The item is in stock. There are buttons for "Add to Cart" and "Buy Now".

Worktunes with Bluetooth \$48

These will allow you to listen to podcast and receive phone calls

https://www.amazon.com/gp/product/B0723CYHPZ/ref=ppx_yo_dt_b_search_asin_title?ie=UTF8&pvc=1






Roll over image to zoom in

SensGard® SG-26 Lightweight Hearing Protection Band NRR 26dB (Orange)
Brand: SensGard
★★★★★ 61 ratings

\$15.99
✓prime & FREE Returns

Get \$125 off: Pay \$0.00 upon approval for the Amazon Business Prime Card. Terms apply.

Color: **Orange**

| | | |
|--|--|---|
|  \$15.99 ✓prime |  \$15.99 ✓prime |  \$15.99 ✓prime |
|--|--|---|

Qty: 1


Add to Cart Buy

Secure transaction

SensGard SG-26 \$15.99

These are very comfortable and effective, less cumbersome than the over the ears, but no bluetooth.

https://www.amazon.com/SensGard-SG-26-Lightweight-Hearing-Protection/dp/B01LYSG71R/ref=sr_1_3?crid=2OG47FODUXCR7&keywords=zem%2BSGHP1-26-OR&qid=1652867971&s=hi&sprefix=zem%2B%2Ctools%2C128&sr=1-3&th=1



Roll over image to zoom in

TREND AIR/PRO Airshield and Battery Cradle Pack AIR/PRO/D3
Visit the TREND Store
★★★★★ 382 ratings

\$378.32
✓prime & FREE Returns

Thank you for being a Prime Member. Get \$125 off: Pay \$253.32 \$378.32 upon approval for the Amazon Business Prime Card. Terms apply.

Style: **Mask & Battery Cradle Pack**

| |
|------------------------|
| Mask |
| \$336.47 ✓prime |

Qty: 1

Add to Cart Buy Now

Secure transaction

Ships from Amazon.com
Sold by Amazon.com

Return policy: Eligible for Return, Refund or Replacement

I recently tried this helmet... I found it cumbersome, unstable and heavy. 3M make a more expensive model with belt for battery and motor hose runs to the helmet.



Roll over image to zoom in



SAWSTOP 10-Inch Professional Cabinet Saw, 1.75-HP, 52-Inch Professional T-Glide Fence System (PCS175-TGP252)

Visit the SawStop Store
★★★★★ 101 ratings

\$3,491⁰⁰

Thank you for being a Prime Member. Get \$125 off: Pay \$3,366.00
~~\$3,491.00~~ upon approval for the Amazon Business Prime Card.
Terms apply.

Local Business

Style: **W/ 52" T-Glide Fence**

W/ 30" Premium Fence
\$3,174.00

W/ 36" T-Glide Fence
\$3,398.00

W/ 52" T-Glide Fence

\$3,491⁰⁰

FREE delivery Jun
Details

Deliver to Mark -
93420

In stock.
Usually ships with

Qty: 1

Add to

Buy N

Secure transa

Ships from CPO Ou
Sold by CPO Ou

Return policy: Elig

Saw Stop \$3274 to \$3491 Each Cartridge \$95 to \$126

https://www.amazon.com/SawStop-PCS175-PFA30-Professional-Assembly-Extension/dp/B009C7NGC6?ref=ast_sto_dp&th=1

Vacuum for blast cabinet 100db

Jet air filtration unit on high speed 67db