

Mussun Memo

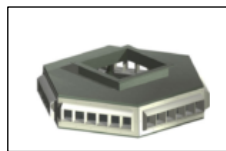
Mussun Sales, Inc

April 2022



United Enertech has 9 different options to choose from when selecting a Drop Plenum Diffuser.

- A. The model **DPD-6** is drop plenum diffuser with 6 sides that have double deflection drum louvers as diffuser.
- B. The model **AFFD** is a drop diffuser plenum that offers angled double deflection grilles. This model can be custom built up to 100,000 cfm.
- C and D. The models **CO** and **CO-FM** are designed to supply air as well as acting as a return.
- E. The model **DPD** is a drop diffuser plenum that offers drum louves as diffusers. This model can be custom built up to 100,000 cfm.
- F. The model **FFPD** is a drop diffuser that has flat faced double deflection grilles. This model can be custom built up to 100,000 cfm.
- G. The models **HD-DF-3** and **HD-DF-5** are designed for air dispersion in heavy duty and industrial applications. Model **HD-DF-3** offers one row of blades which are fully adjustable. Model **HD-DF-5** offers two rows of blades (horizontal and vertical) which can be independently positioned for airflow.
- H. The model **LPD** is a low profile drop diffuser plenum that has double deflection grilles.
- I. The model **DPD-R** is a drop plenum diffuser with 360 degree continuous rotating capability. It includes a four-sided internal pyramid air diverter and an angle ring duct connection.



A.



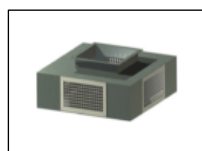
B.



C. & D.



E.



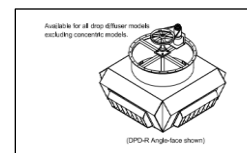
F.



G.



H.



I.

For more information, please contact your Mussun Sales Representative



WHAT IS THE DEMAND AIR KIT?

IT'S THE SIMPLE ANSWER TO DEMAND RESPONSE VENTILATION

The Carbon Dioxide Sensor Monitor concentrates in the space and causes the damper motor to modulate open or closed as to maintain a healthful indoor environment while reducing operating cost. The damper is available in any round size you need. The kit features a high-quality Belimo Brushless DC Motor. To preclude over-ventilation, the damper begins to open at 800ppm and is full open by 1200ppm. 24VAC Transformer included.

Product Attributes:

Shell (4" to 9"):	24 ga. Galvanized Steel
Shell (10" to 20"):	20 Galvanized Steel
Size Information:	One end straight and one crimped
Blade:	Stamped 20 ga. Galvanized Steel
Shaft:	½" Plated Steel
Bushings:	Oil Impregnated Bronze
Low-Leak Seals:	EPDM Rubber
Power Consumption:	<1 Watt (average)
Output Signal:	0-10 VDC
Sensor Dimensions:	5.12"(h) x 3.35"(w) x 1.18"(d)
Sensor Coverage Area:	7,500 sq. ft. (max)
Calibration Life Cycle:	15 Years
Sensing Technology:	Single Bean Infrared (NDIR)
Volts/Watts/VA:	24VAC / 1.5W / 3VA
Noise:	<35dB(A)
Timing:	95 Seconds
Torgue:	45 in. lbs.

Demand-Air™ CO₂ DA-CO2-XX
*Round Modulating Damper and Sensor
for Demand Response Ventilation*



For more information, please contact your Mussun Sales Representative



IAP FUME EXTRACTION ARM (INDUSTRIAL AIR PURIFICATION SYSTEMS)

IAP Air Products offer a full line of Extraction Arms / Snorkels that can be utilized to safely control process fumes, dust, and smoke. Extraction Arms / Snorkels are specially designed for working environments with fumes, light dust, and smoke; where source capture is desired before the contamination has spread into the work environment and could be inhaled. The applications can be welding, grinding, or other industrial processes where an easily positioned fume arm is required.

Why should you use the IAP Portable Fume Extractors?

They are mobile: they can travel between work stations due to their compact size. It's as easy as rolling it up to the work station and flipping it on.

They are affordable: Fume extractors are one of the most affordable fume extraction methods on the market. They are smaller units, therefore they cost less to manufacture and distribute.

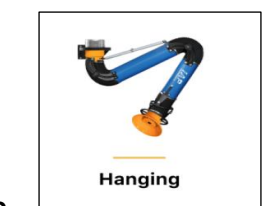
They are high quality: All fume extractors from IAP are made with the highest quality material around. They offer models with activated carbon and include HEPA filters.

For many industries: Laser engraving, laser printing, welding, fabrication shops, chemical Paint, solvent, laboratory, soldering and art conservation industries all fall within the Realm of use for fume extractors.

What are the benefits of Extraction Arms/Snorkels?

- *The Arms are flexible in all directions and simple to position
- *Designed for wall mounting or table top mounting
- *Allow rotation of 180 degrees or more
- *Equipped with an internal damper near the hood
- *The hood can be tilted in all directions.
- *Smooth tube or flexible hose outer shell
- *Low maintenance
- *Employee friendly
- *Won't obstruct equipment for tooling changes or parts removal

IAP Air Products have portable fume extractors in stock and can ship them out the same Day you order them. They are centrally located, so shipping costs are less than some Competitors.



For more information, please contact your Mussun Sales Representative

Why choose Fabric Ducts?

Why? Because a fabric air duct is a round, semi-round, or quarter duct made of lightweight fabric material instead of e.g. galvanized steel, stainless steel or aluminum, and designed for delivery and distribution of cooled or heated air.

What does Fabric Duct offer??

1. Flexibility and tailored fabric ducting solutions
2. Unique fabric ducting material and colors
3. Efficient air distribution and perfect indoor climate
 4. Fire approved fabric ducting materials
 5. Hygienic and easy to maintain
6. Excellent acoustic properties in fabric ducting
7. No condensation problems with fabric ducting
 8. Easy to transport and install
 9. Sustainable ventilation



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