

APZEM®

PROMISING ECO SOLUTIONS

CDC80C LASER FUME DUST EXTRACTOR

Apzem CDC80C Laser Fume Extractors are specially designed extractors catering the needs of medium to heavy duty metal and non metal dust and fumes extraction in Laser marking, Laser Engraving, Laser cutting & welding applications.

CDC80C Laser Fume Extractors are specially crafted compact extractors that are easily portable and light-weight. It comes with caster wheels with lock. For Cleanroom Applications SS constructed extractors are used.



Features

- Low noise design
- Heavy Duty Construction
- Portable and Compact design
- Light Weight & Durable
- Three stage Filtration
- Castor wheels with lock
- Variable speed control
- External filter choke signal *
- Easy filter replacement
- Filter Choke Indication
- Stainless Steel Construction*

Applications

- Clean Room Applications (SS Constructed)
- Laser Marking
- Laser Engraving
- Laser Cutting
- Laser Welding
- Laser Ablation
- Laser Drilling
- Laser Cladding

* - Optional Features



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CDC80C - LASER FUME EXTRACTOR

Specifications

| | | |
|----------------------------|---|---|
| Basic Details | CDC80C | |
| Rated air flow (CMH/CFM) | 255/150 | |
| Vacuum (max) | 10 kpa | |
| Overall dimensions (LxWxH) | 675mm (L) X 365mm(W) X 475mm(H) | |
| MOC | Plain carbon steel | |
| Machine weight | 30kg | |
| Finish | powder coated | |
| Power | 1.2 kw | |
| Input Supply | single phase , 230V AC , 50/60Hz | |
| Cord length | 3mtrs | |
| Noise level | <65 dBA (at typical operating speed) | |
| Operating Humidity | 10-90% Non-Condensing. | |
| Filter details | | |
| Stages of filtration | Three Stage Filtration Pre-Filter Hepa Filter Odor Filter | |
| Pre filter specifications | Filter media Filter media construction Filter efficiency Air inlet | Nonwoven Polyester Needle felt Pleated bag with snap mounting 99% @ 2microns 130mm |
| HEPA filter specifications | HEPA Filter media HEPA media construction Filter housing Filter Efficiency | Micro Glass Fibre 50mm Mini pleat construction Anodised Aluminium ≥99.99% @ 0.3microns |
| Odour / chemical Filter | Media Media weight | Treated Activated carbon 1.5kg |
| Filter choke Indication | Yes. (visual & alarm indication) | |

Optional Accessories Of CDC80C

| | |
|-----------|--------------------------------|
| CDC80C-01 | Self Adjustable Arm (1 Mtr.) |
| CDC80C-02 | Flexible Hose with Clamp |
| CDC80C-03 | Table Mount |

Isometric View



Front View

