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ACS-M35P

1050 CFM Media Filtration System With 3/4 HP Direct Drive Fan

ACS M35 Series

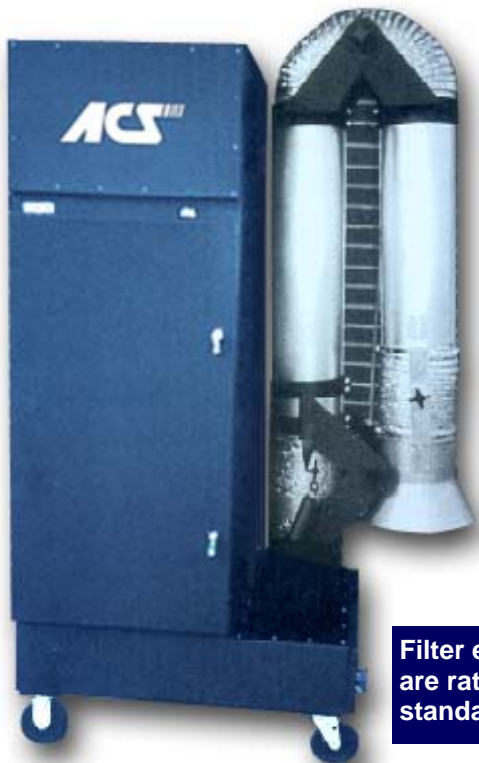


The ACS-M35P has been designed for a high degree of mobility. Four large casters provide stability while the unit is being moved, and a "step-on" mechanism firmly locks the unit to the floor while it is in use.

The pickup arm is a full 8" in diameter, and unlike most other units, has no internal support mechanism to obstruct the free flow of dirty air into the unit from the work area.

External springs counterbalance the weight of the arm, with friction joints added for complete stability.

| SPECIFICATIONS | | MAIN FILTERS OPTIONS | | Features | Applications |
|------------------|-----------------------|--|------------------------------------|----------------------|---------------------|
| Dimensions | 72" H 36" W 24" D | 24 x 24 x 18 | 8 Pocket with loops 65% - Optional | Positive Floor Lock | Welding Smoke/Fumes |
| Weight | 285 lbs. | 24 x 24 x 18 | 8 Pocket with loops 95% - Standard | High Efficiency | Grinding Dust |
| Input Power | 115 Volt Single phase | 24 x 24 x 30 | 8 Pocket with loops 65% - Optional | Variety of Filters | Bondo Dust |
| Power Consumed | 950 Watts | 24 x 24 x 30 | 8 Pocket with loops 95% - Standard | Long Filter Life | Oil Mist |
| Maximum Capacity | 1050 CFM | 18 x 24 x 12 | HEPA 99.97% | Low Operating Costs | Printing Powder |
| Motor | 3/4 HP Direct Drive | aircleaningsystems.net | | High Volume | Plastic Dust |
| Cabinet | 16 Gauge Steel | PRE-FILTERS / AFTER-FILTERS OPTIONS | | Easy Maintenance | Other Smoke / Dust |
| Finish | Blue Baked Powder | 20 x 24 x 4 | Pleated Pre-Filter | 16 Gauge Cabinet | |
| Speeds | Single | 20 x 24 x 4 | Alum Mesh Pre-Filter | Noise Reduction | |
| Filters | Included | | | Low Initial Price | |
| Pickup Arm | 9' Long, 8" Diameter | | | Washable Pre-filters | |



Filter efficiencies are rated by ASHRE standards 52-76.

All support mechanism is on the outside of the arm, and all necessary friction joint adjustments can be accomplished without the use of tools or the usual dismantling of the pickup arm. Because of the unobstructed flow of air through the arm, the air volume is increased, resulting in more efficient capture of the contaminants being produced. The unit uses a direct drive centrifugal type blower to lower operating costs and eliminate the necessity of belts and pulleys.

OPTIONS

- 20 x 20 x 2 Impenger
- 18 lb. Charcoal Box Refill
- L Brackets: M-25 Mounting Brackets (set of 2)
- Touch-up Paint
- Pressure Gauge: Magnehelic Pressure Gauge

HOW THE ACS-M35P WORKS

With the unit located close to the workstation, the arm can simply be positioned near the source of contamination to draw the affluent into the filtration system it has a chance to escape into the atmosphere. This method prevents the contamination from reaching the breathing zone of the operator.

In the last several years, much more efficient filters have been constructed using micro-glass fibers. These improved filters are able to separate sub-micron particles from the air passing through the unit, and hold them in high quantities. Permanent type washable aluminum mesh pre-filters catch the larger particles and extend the bag filter life.