

HF Push Pull Dust Collecting System



The Amano HF series is an energy-saving push-pull dust collection system developed for the collection of fume and dust generated during welding work, polishing work, etc., where the work processing location cannot be fixed. You can create work space where you can move freely.

Features:

The HF Push Pull system is excellent in layout flexibility

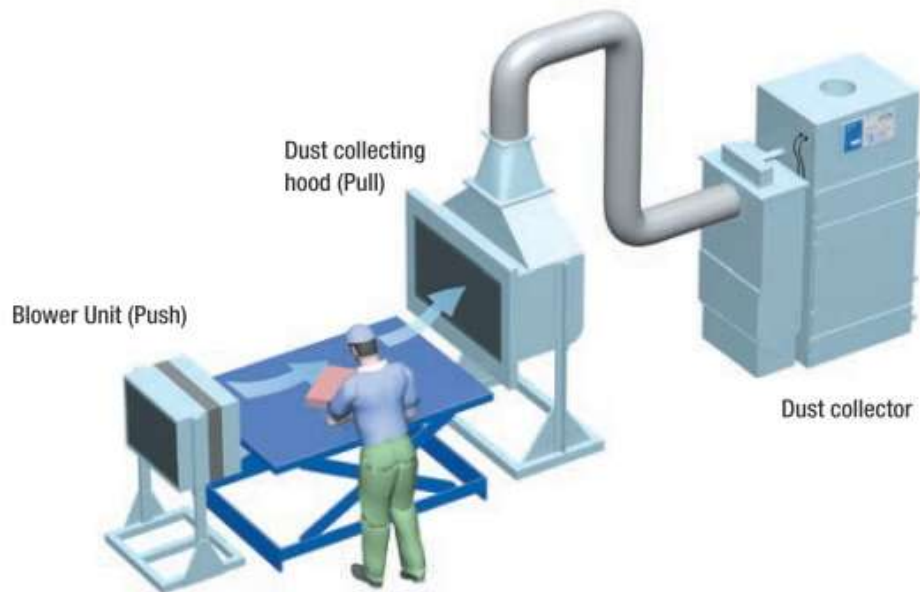
- Best for welding works
- HF Push Pull dust Collection System is designed for works which can not fix work processing place such as Welding work, Polishing operation.
- HF comes with high level air control for Energy-Saving.
- HF outlet can also be hung on the wall.

Ideal for
welding work

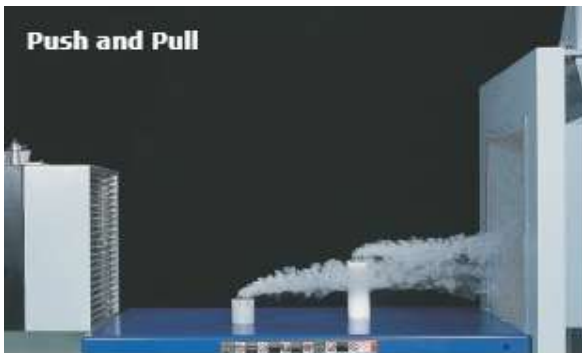
Work for which
the work
processing
location cannot
be fixed

Energy saving

Sample Layout



Push & Pull vs Only Pull

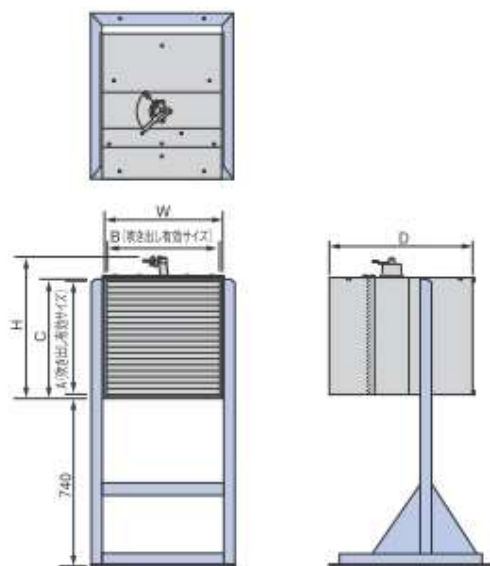


Sample Installation

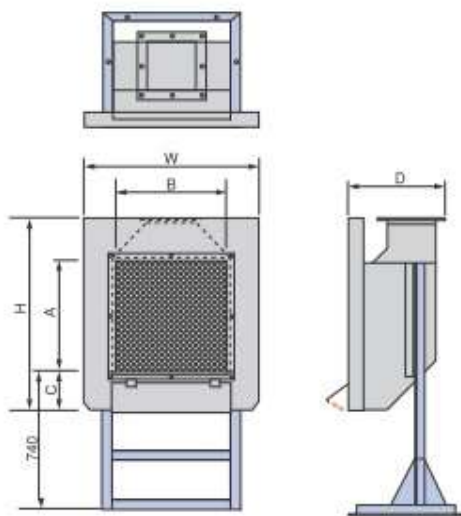


External View

Push Equipment HF series



Pull Side Suction Hood



BLOWER UNIT DIMENSION

| Particular | Unit | HF-45 | HF-60 | HF-75 | HF-150 |
|-----------------------|------|-------------|-------------|--------------|----------------|
| Dimension (W x D x H) | mm | 500x633x590 | 600x640x690 | 1070x791x690 | 1180x856x1160 |
| Dimension (A x B x C) | mm | 474-474-500 | 574-574-600 | 574-1044-600 | 1044-1154-1070 |

DUST COLLECTION HOOD DIMENSION

| Particular | Unit | HF-45 | HF-60 | HF-75 | HF-150 |
|-----------------------|------|--------------|---------------|---------------|---------------|
| Dimension (W x D x H) | mm | 900x503x1028 | 1020x553x1230 | 1584x653x1450 | 1716x853x2114 |
| Dimension (A x B x C) | mm | 570-570-213 | 670-640-225 | 690-1140-215 | 1254-1386-215 |

SPECIFICATION

BLOWER UNIT

| Particular | Unit | HF-45 | HF-60 | HF-75 | HF-150 |
|------------------------|---------------------|---------------|---------------|----------------|------------------|
| Power Supply | Volt Hz | 200 60 | 200 60 | 200 60 | 200 60 |
| Output | kw/hp | 0.15/0.2 | 0.2/0.26 | 0.2/0.26 | 0.75/1 |
| Effective outlet area | m ² | 0.22 | 0.33 | 0.60 | 1.20 |
| Size of supply opening | mm | 474×474 | 574×574 | 574×1044 | 1044×1154 |
| injection velocity | m/s | 0.5~2.1/2.5 | 0.5~2.3/2.8 | 0.5~1.6/1.9 | 0.5~1.9/2.2 |
| Inject Airflow | m ³ /min | 6.7~28.3/33.7 | 9.9~45.5/55.4 | 18.0~57.5/68.3 | 36.1~137.3/159.0 |
| Weight | kg | 60 | 75 | 125 | 220 |

DUST COLLECTION HOOD

| Particular | Unit | HF-45 | HF-60 | HF-75 | HF-150 |
|-------------------------|----------------------|---------|---------|----------|-----------|
| Effective suction area | m ² 0.32 | 0.45 | 0.78 | 1.74 | |
| Size of supply opening | mm | 570×570 | 690×690 | 690×1140 | 1254×1386 |
| Dust collection airflow | m ³ /min | 63 | 91 | 163 | 367 |
| Weight | kg | 70 | 95 | 175 | 250 |