

SECTION 3  
FIXED FILTRATION UNIT



CH-3000

DESCRIPTION

- Ideal for one or two fixed welding station with capture arm
- 11ga steel plate casing
- Baked electrostatic blue paint finish
- Filter: 13,8" Ø X 30", 80% cellulose & 20% polyester with fire retardant coating (CELL-3000-FR) and 99.5% efficiency between 0.2µ and 2µ
- Pressure gauge indicating filter status
- Easy to change filter
- Hopper with 10 gallon barrel (PB-10-GA)
- Silent operation
- Size: 24" x 37" X 108" / 500 lbs
- Fan: (MV21-575) 575V / 3 Phases / 60Hz / 3 HP / 1200 CFM @ 1" water

1 YEAR  
WARRANTY  
ON PARTS



OPTIONAL POLYESTER FILTER (POLY-3000)

- 100% Spunbond nonwoven polyester
- Can be washed in water
- 99,93% efficiency between 0.2µ and 2µ
- Improves performance during use, creating fewer sparks

SELF-CLEANING SYSTEM

- Automatic timer activated system
- Pulse-jet compressed air cleaning system removes dust particles on the filter wall
- Increases filter life expectancy
- Enhances filtration and aspiration system efficiency

AVAILABLE MODEL

CODE	DESCRIPTION
CH-3000	

SECTION 3  
FIXED FILTRATION UNIT



CH-5000

DESCRIPTION

- Ideal for two or three fixed welding stations with capture arm
- 11ga steel plate casing
- Baked electrostatic blue paint finish
- 2 Filters: 13.8" Ø X 30", 80% cellulose & 20% polyester with fire retardant coating (CELL-3000-FR) and 99.5% efficiency between 0.2µ and 2µ
- Pressure gauge indicating filter status
- Easy to change filter
- Hopper with 10 gallon barrel (PB-10-GA)
- Silent operation
- Size: 24"x 37" X128" / 600 lbs
- Fan (MV41-575) 5 H.P., 575V / 3 Phases / 60Hz / 2200 CFM @ 1" water

1 YEAR  
WARRANTY  
ON PARTS



OPTIONAL FAN (MV21-575)

- Fan 3 H.P., 575V / 3 Phases / 60Hz / 1200 CFM @ 1" water

OPTIONAL POLYESTER FILTER (POLY-3000)

- 100% Spunbond nonwoven polyester
- Can be washed in water
- Efficiency of 99.93% between 0.2µ and 2µ
- Improves performance during use, creating fewer sparks

SELF-CLEANING SYSTEM

- Automatic timer activated system
- Pulse-jet compressed air cleaning system removes dust particles on the filter wall
- Increases filter life expectancy
- Enhances filtration and aspiration system efficiency

AVAILABLE MODEL

CODE	
CH-5000	



## SECTION 3 FIXED FILTRATION UNIT

### CH SERIES

#### DESCRIPTION

- Ideal for use with multiple capture arms, cutting table and general filtration
- Units can be attached together to increase capacity (modular)
- 11 ga steel plate casing
- Baked electrostatic blue paint finish
- Filters: 13.8"Ø x 26", 80% cellulose & 20% polyester (FIL-8020) with 99.5% efficiency between 0.2µ and 2µ
- Optional activated carbon filter upon request
- Pressure gauge indicating filter status
- Easy to change filter
- Hopper with 25 gallon barrel
- Electrical connections by valve: 120 V / 1 phase / 60 Hertz / 8 watts
- Each access door has 2 filters: one O/O and one O/C

**1 YEAR  
WARRANTY  
ON PARTS**



#### SELF-CLEANING SYSTEM

- Automatic timer activated system
- Pulse-jet compressed air cleaning system removes dust particles on the filter wall
- Increases filter life expectancy
- Enhances filtration and aspiration system efficiency



#### AVAILABLES MODELS

CODE	DESCRIPTION	CFM	VALVE
4CH2	4 filters - 40" x 56" X 128" / 900 lbs	2 000	4
8CH2	8 filters - 40" x 84" X 128" / 1500 lbs	4 000	4
12CH3	12 filters - 40" x 84" X 148" / 1800 lbs	6 000	6
16CH4	16 filters - 40" x 84" X 168" / 2100 lbs	8 000	8
24CH3	24 filters - 80" x 84" X 148" / 3600 lbs	12 000	12
32CH4	32 filters - 80" x 84" X 168" / 4200 lbs	16 000	16
48CH4	48 filters - 120" x 84" X 168" / 6300 lbs	24 000	24

SECTION 3  
FIXED FILTRATION UNIT



MH-3000

DESCRIPTION

- 11 ga steel plate casing
- Baked electrostatic blue paint finish
- Filter 12.75" Ø x 36" Vertical, 100% water washable Spunbond nonwoven polyester with 99.93% efficiency between 0.2µ and 2µ (POLY-3600)
- Pressure gauge indicating filter status
- Hopper with 25 gallon barrel
- Easy to change filter
- Silent operation
- Size: 24,25" x 37,25" x 110" / 450 lbs
- Fan (MV21-575) 575V / 3 Phases / 60Hz / 3 HP /1200 CFM @ 1" water

1 YEAR  
WARRANTY  
ON PARTS



OPTIONAL CELLULOSE FILTER (CELL-3600-FR)

- Filters: 13.8" Ø X 30", 80% cellulose & 20% polyester
- With fire retardant coating
- Efficiency of 99.5% between 0.2µ and 2µ
- Better protection when sparks are caused

SELF-CLEANING SYSTEM

- Automatic timer-activated system
- Pulse-jet compressed air cleaning system removes dust particles on the filter wall
- Increases filter life expectancy
- Enhances filtration and aspiration system efficiency
- Vertical filters to facilitate removal of dust particles

AVAILABLE MODEL

CODE	DESCRIPTION
MH-3000	

SECTION 3  
FIXED FILTRATION UNIT



MH-5000

DESCRIPTION

- 11ga steel plate casing
- Baked electrostatic blue paint finish
- 2 filters: 12.75" Ø x 36" Vertical 100% Spunbond water washable nonwoven polyester with 99.93% efficiency between 0.2µ and 2µ (POLY-3600)
- Pressure gauge indicating filter status
- Hopper with 25 gallon barrel
- Easy to change filter
- Silent operation
- Size 24,25" x 43,50" x 76" / 600 lbs
- Fan (MV41-575) 5 H.P. / 575V / 3 Phases / 60Hz / 2200 CFM @ 1" water

1 YEAR  
WARRANTY  
ON PARTS



OPTIONAL CELLULOSE FILTER (CELL-3600-FR)

- Filters: 13.8"Ø X 30", 80% cellulose & 20% polyester
- With fire retardant coating
- Efficiency 99.5% between 0.2µ and 2µ
- Better protection when sparks are caused

SELF-CLEANING SYSTEM

- Automatic timer-activated system
- Pulse-jet compressed air cleaning system removes dust particles on the filter wall
- Increases filter life expectancy
- Enhances filtration and aspiration system efficiency
- Vertical filters facilitate removal of dust particles

AVAILABLE MODEL

CODE	DESCRIPTION
MH-5000	



## SECTION 3

### FIXED FILTRATION UNIT



MH SERIES

#### DESCRIPTION

- Ideal for uses that create a lot of dust
- Filter: 12.75" Ø x 36" Vertical, 100% Spunbond water washable nonwoven polyester with an efficiency of 99.93% between 0.2µ and 2µ (POLY-3600)
- Optional filters: 80% cellulose & 20% polyester, fire retardant coating and 99.5% efficiency between 0.2µ and 2µ (CELL-3600-FR). Ideal with a downdraft cutting table (modular)
- Units can be attached together to increase capacity
- 11ga steel plate casing
- Baked electrostatic blue paint finish
- Pressure gauge indicating filter status
- Easy to change filter
- Hopper with 25 gallon barrel

1 YEAR  
WARRANTY  
ON PARTS



#### SELF-CLEANING SYSTEM

- Automatic timer activated system
- Pulse-jet compressed air cleaning system removes dust particles on the filter wall
- Increases filter life expectancy
- Enhances filtration and aspiration system efficiency
- Vertical filters facilitate removal of dust particles

#### AVAILABLES MODELS

CODE	DESCRIPTION	CFM
4MH2	4 Filters - 40" x 40" x 132" / 1000 lbs	1 500 à 2 000
6MH2	6 Filters - 40" x 57.5" x 148" / 1200 lbs	2 000 à 3 000
9MH3	9 Filters - 60" x 57.5" x 150" / 1600 lbs	3 000 à 4 500
12MH2	12 Filters - 80" x 57.5" x 148" / 2400 lbs	4 000 à 6 000
18MH3	18 Filters - 120" x 57.5" x 150" / 3200 lbs	6 000 à 9 000
24MH3	24 Filters - 180" x 57.5" x 150" / 4800 lbs	8 000 à 12 000



SECTION 3  
FIXED FILTRATION UNIT



PE-3000 (ON REQUEST ONLY)

DESCRIPTION

- Ideal to purify dirty air of liquid particles and oily smoke due to machining processes
- 8"Ø air inlet
- Includes a drain at the base
- 11 ga steel plate casing
- Baked electrostatic blue paint finish
- Pressure gauge indicating filter status
- Easy to change filters
- Size: 32.5" x 24.5" x 60" / 500 lbs
- Higher capacity models also available
- Fan: (MV21-575) 575V / 3 Phases / 60Hz / 3 HP / 1200 CFM @ 1" water

1 YEAR  
WARRANTY  
ON PARTS



AIR TREATMENT

- Oil-contaminated air particles are sent through 3 filters before reaching fan outlet
- Oil particles in suspension first hit the aluminum baffle (CHI-24244)
- Then they are filtered through a wire mesh (PRE-24241)
- The air is then passed through a 10-pocket filter to absorb any remaining oil and impurities with 90-95% efficiency / MERV 14. (POC-24242410)

AVAILABLE MODEL (on request only)

CODE	DESCRIPTION
PE-3000	