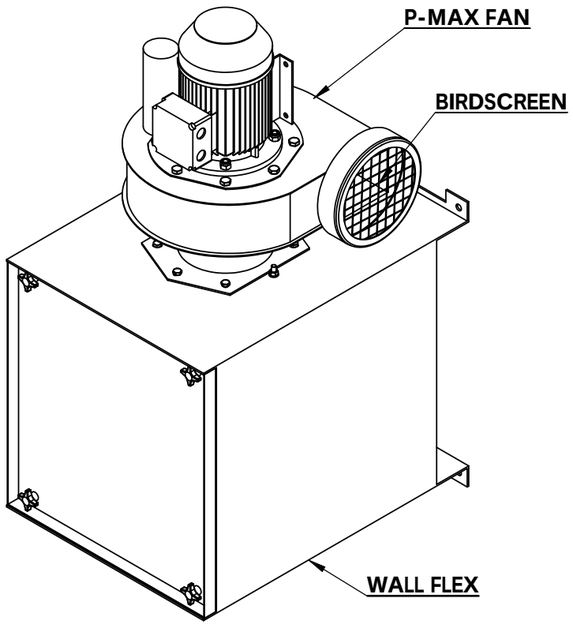
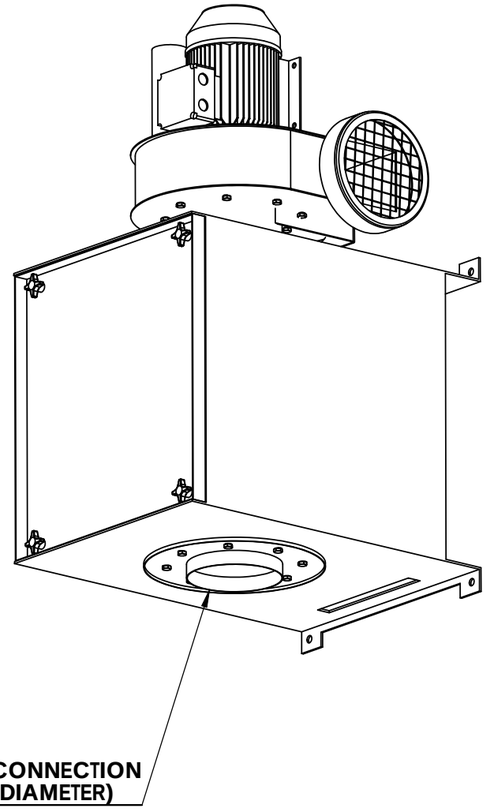
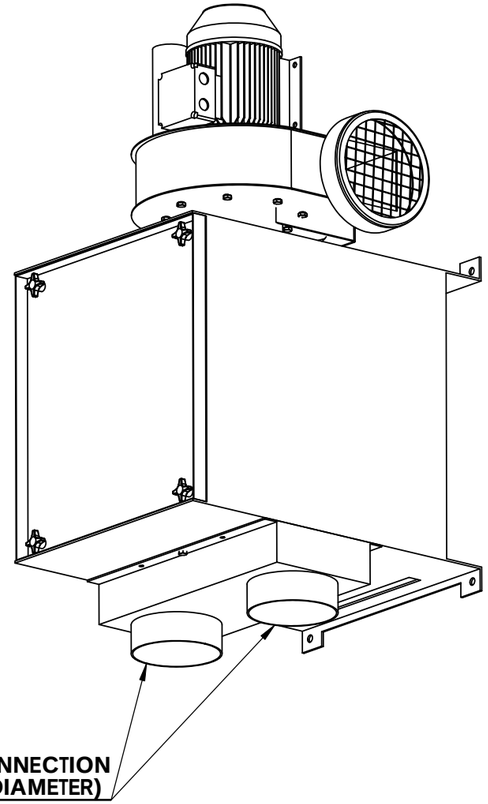
# WALL FLEX SELF CLEANING




***CONNECTIONS:***



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| CUSTOMER P.O.: | | | | |
| PROJECT: | | | | |
| ENGINEER: | | | | |
| SALES REP.: | | | | |
| IDENTIFICATION / TAGGING: | | | | |

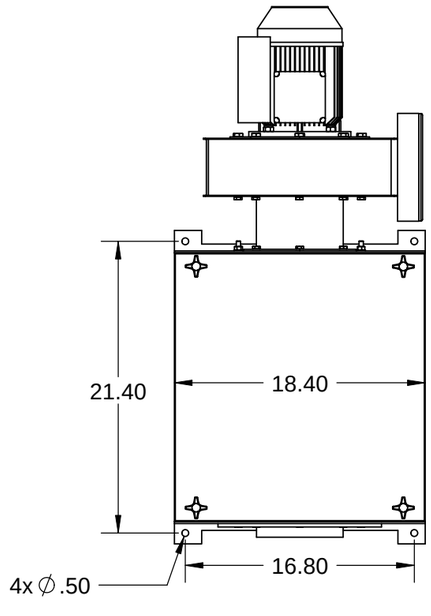
**03-05 WALL-FLEX CARTRIDGE DUST COLLECTOR**

Specification Drawing

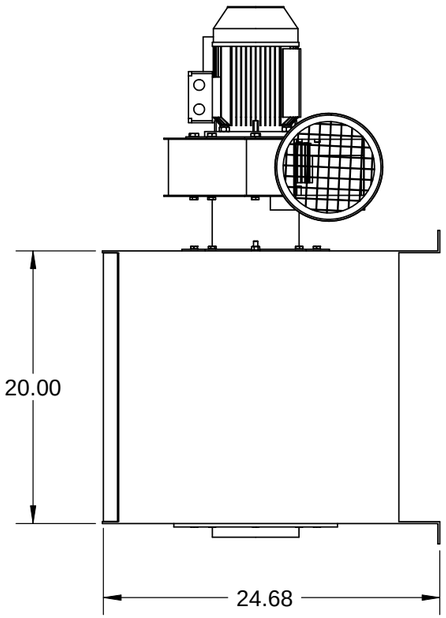
Drawing No.: -
File Name: (03-05) Wall Flex - SD
Material: -
Sheet: 1/7

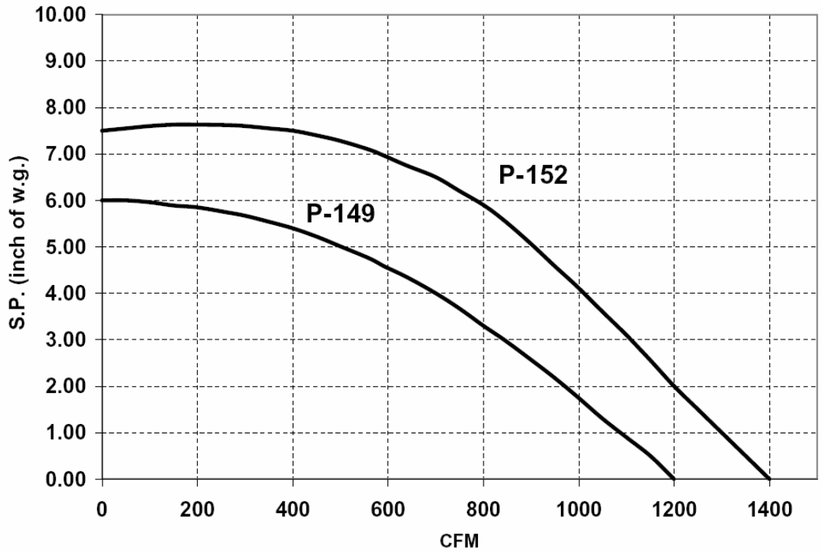
# WALL FLEX SELF CLEANING

**FRONT VIEW**




**SIDE *VIEW***

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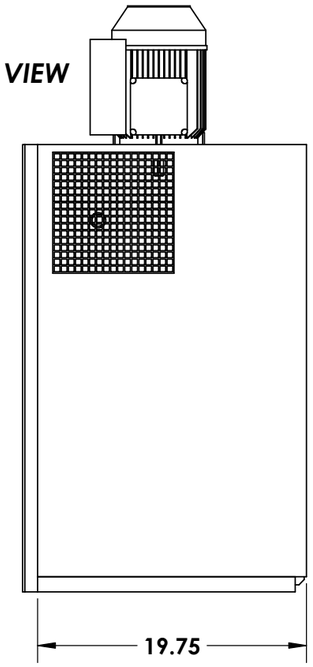
| CUSTOMER P.O.: | | | | | |
| PROJECT: | | | | | |
| ENGINEER: | | | | | |
| SALES REP.: | | | | | |
| IDENTIFICATION / TAGGING: | | | | | Drawing No.: - \| File Name: (03-05) Wall Flex - SD<br>Material: - \| Sheet: 2/7 |

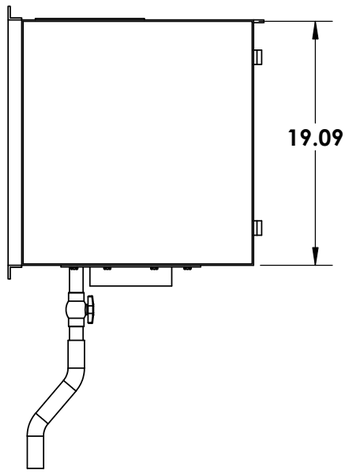
# WALL FLEX CLEANABLE

TOP VIEW

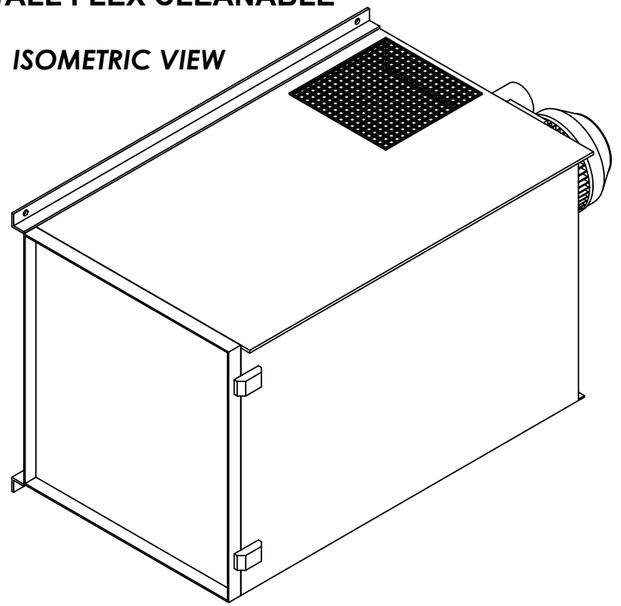


19.75

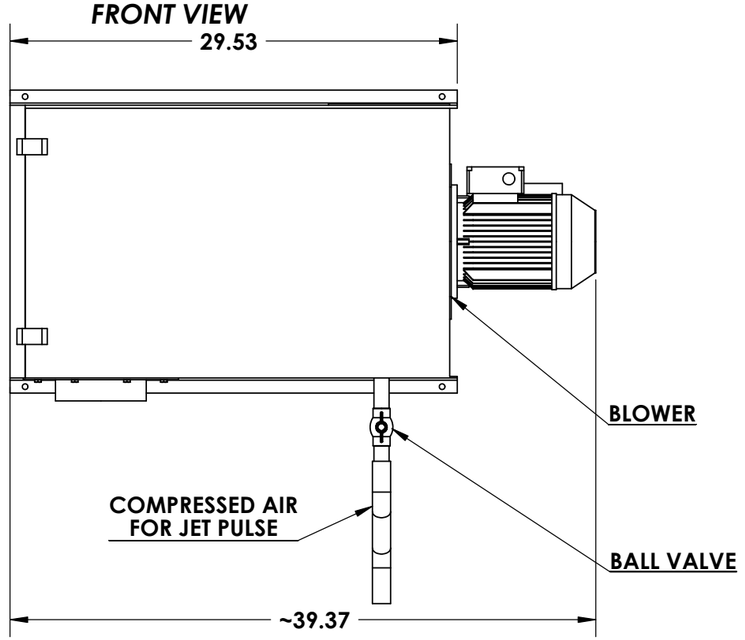
SIDE VIEW




ISOMETRIC VIEW



FRONT VIEW




## *Specifications:*

**Blower package:**
- 1phase/1.5 HP/115V/60Hz

**Construction:**
- 12/14/16 ga. welded steel, powder coated cabinet

**Nominal CFM:**
- 600 CFM @ 4" ESP

**Extraction arm:**
- Ø6.5" diameter 10' long Flexi-I arm

**Filtration:**
- With up to 99,9% filter efficiency the Wall-Flex Cartridge Filters will clean the premises of welding fumes and light grinding dust. The cleaned air is re-circulated into the premises, with no heat loss at all. The access to the "maintenance-free" replaceable cartridge filter is easy and changing it takes just a couple of minutes.

**Jet Pulse Cleaning:**
WF-Eco has a very efficient built in compressed air cleaning system. In a few minutes it cleans the built in filter cartridge. Then just open the door and empty the dust pan.

**Noise level:**
Base unit: 77dB(A) @ 3'
w/Silencer: 71dB(A) @ 3'
w/HEPA Filter: 71dB(A) @ 3'

**Weight:**
Base unit: 140 lbs.
w/Silencer: 170 lbs.
w/HEPA Filter: 180 lbs.

03-05

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| CUSTOMER: | |
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| PROJECT: | |
| ENGINEER: | |
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| Scale: | NTS |
| Weight: | N/A |

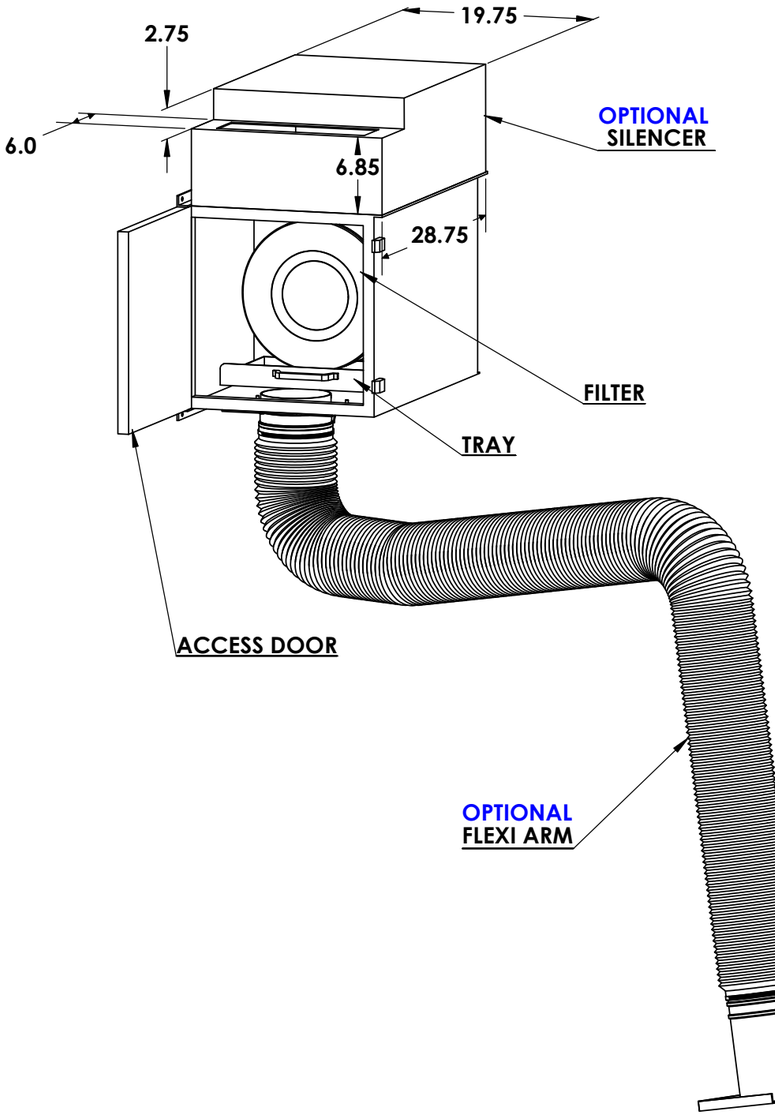
**03-05 WALL-FLEX CARTRIDGE DUST COLLECTOR**

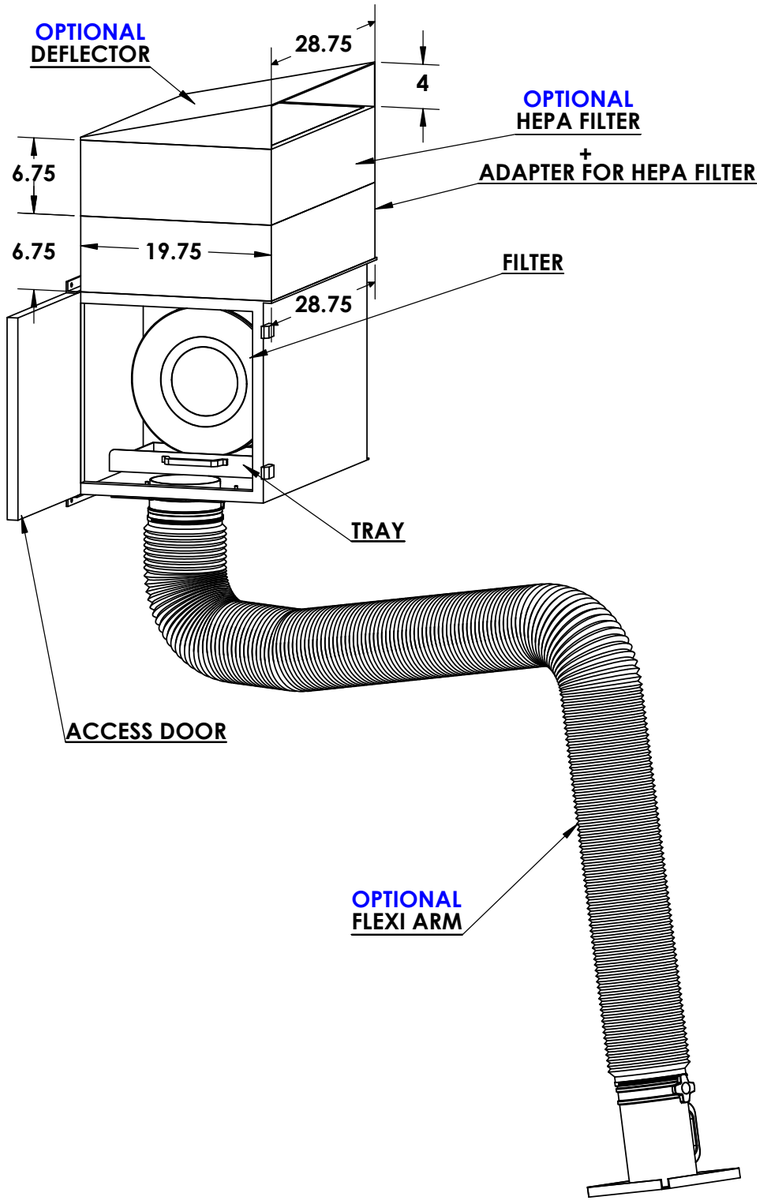
Specification Drawing

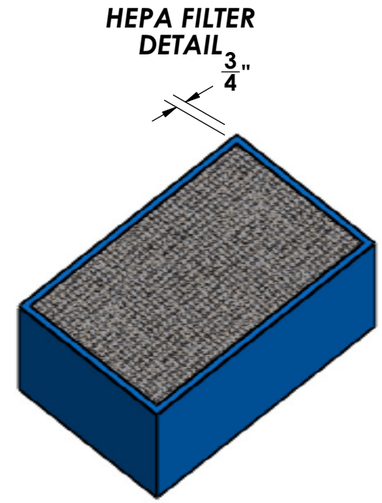
| | |
|---|---|
| Drawing No.: - | File Name: (03-05) Wall Flex - SD |
| Material: - | Sheet: 3/7 |

# WALL FLEX CLEANABLE

## *ISOMETRIC VIEWS - WF-ECO WITH OPTIONS*

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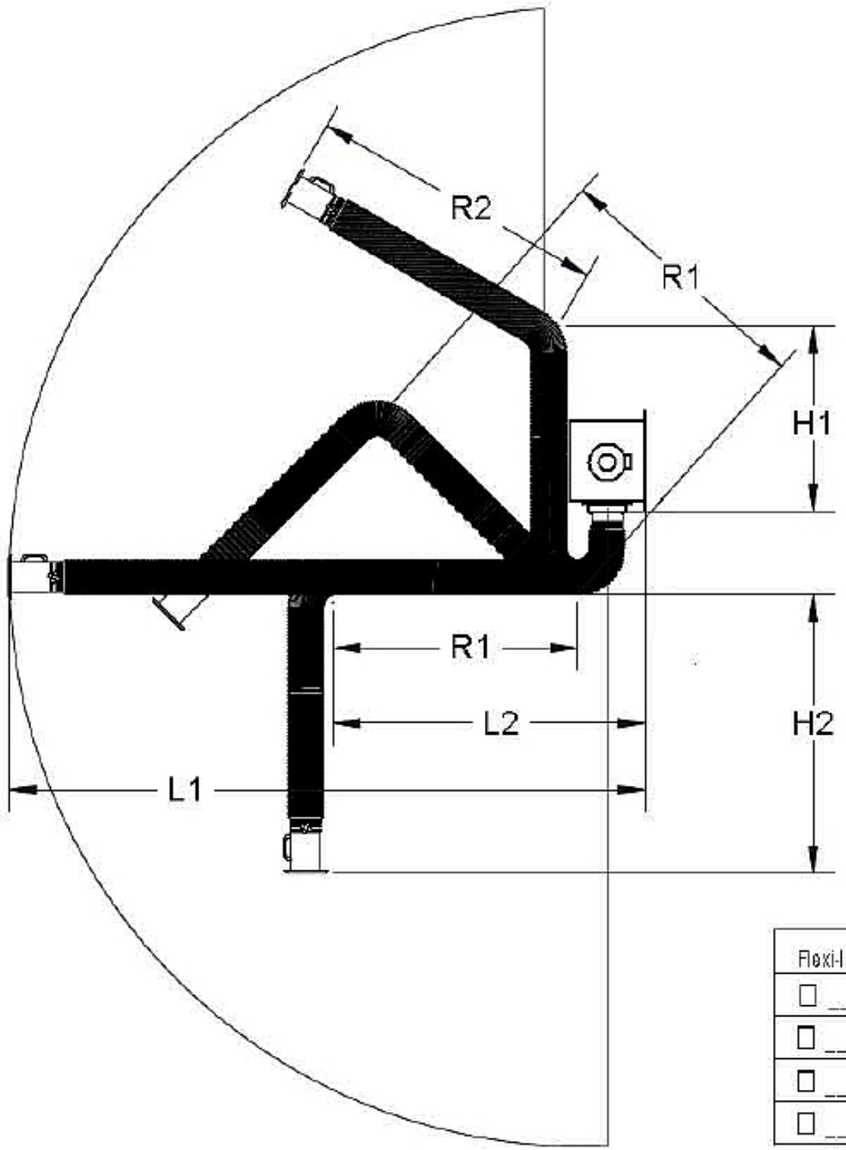
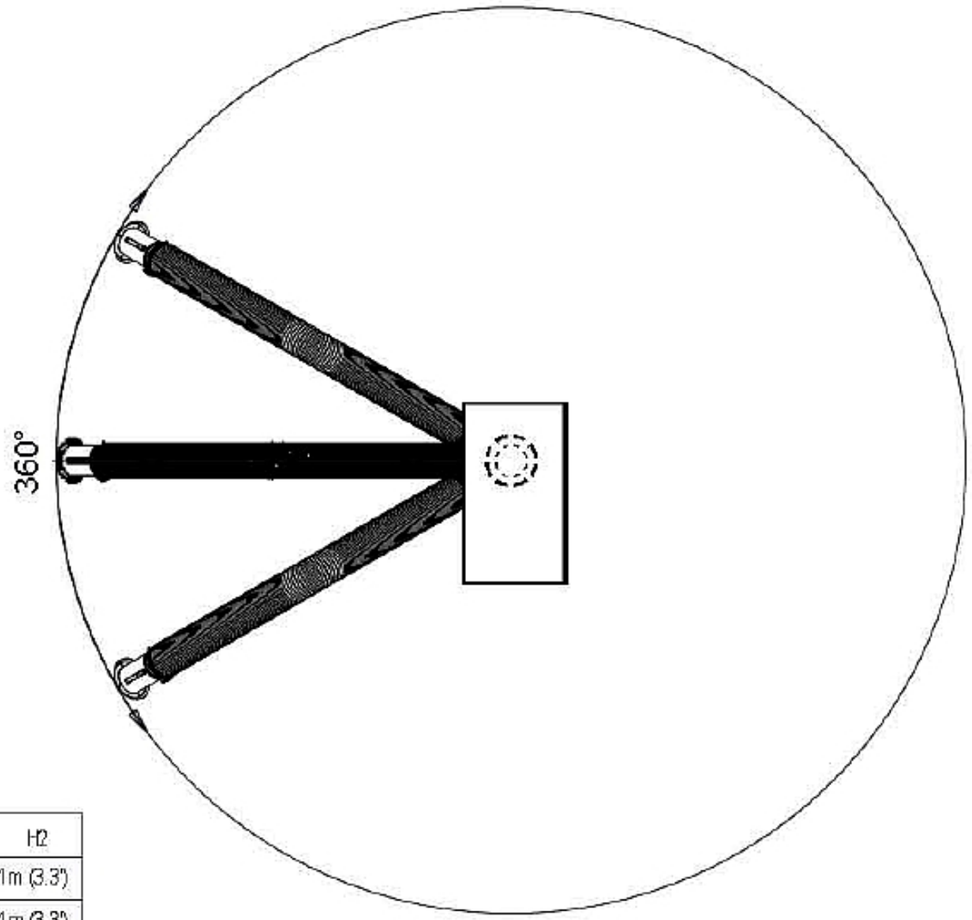
| CUSTOMER P.O.: | | | | Date: 5/8/2014 | Specification Drawing |
| PROJECT: | | | | Scale: NTS | |
| ENGINEER: | | | | Weight: N/A | Drawing No.: - / File Name: (03-05) Wall Flex - SD |
| SALES REP.: | | | | | Material: - / Sheet: 4/7 |
| IDENTIFICATION / TAGGING: | | | | | |

## OPTIONAL ARM COVERAGES

*SIDE VIEW AND MAXIMUM VERTICAL COVERAGE*



*TOP VIEW AND MAXIMUM HORIZONTAL COVERAGE*




| Flexi-I | L1 | L2 | R1 | R2 | H1 | H2 |
|---|---|---|---|---|---|---|
| ☐ __ P-006 | 1.5m (5') | 1m (3.3') | 0.5m(1.5') | 1m (3.3') | 0.5m(1.5') | 1m (3.3') |
| ☐ __ P-007 | 2m (6.7') | 1m (3.3') | 1m (3.3') | 1m (3.3') | 0.5m(1.5') | 1m (3.3') |
| ☐ __ P-008 | 3m (10') | 2m (6.7') | 1m (3.3') | 2m (6.7') | 1m (3.3) | 2m (6.7') |
| ☐ __ P-009 | 4m (13.5') | 2m (16.7') | 1m (3.3') | 2m (6.7') | 1m (3.3') | 2m (6.7') |

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|---|---|
| Drawn by: | Janos B |
| Date: | 5/8/2014 |
| Scale: | NTS |
| Weight: | N/A |

**03-05 WALL-FLEX CARTRIDGE DUST COLLECTOR**

Specification Drawing

Drawing No.: -
File Name: (03-05) Wall Flex - SD
Material: -
Sheet: 5/7

## *MODELS & OPTIONS:*

### Main System - Wall-Flex - Standard Component Configuration

| | Part # | Description |
|---|---|---|
| ☐ _____ | WF-1 | Wall Flex high efficiency filtration system c/w 1.5 HP direct mount P-Max fan 115/1/60 TEFC motor. |
| ☐ _____ | WF-2 | Wall Flex high efficiency filtration system c/w 2 HP direct mount P-Max fan 230/3/60 TEFC motor. |
| ☐ _____ | WF-3 | Wall Flex high efficiency filtration system c/w 2 HP direct mount P-Max fan 575/3/60 TEFC motor. |
| ☐ _____ | WF-4 | Wall Flex high efficiency filtration system c/w 2 HP direct mount P-Max fan 230/1/60 TEFC motor. |

### Main System - Wall-Flex - Odor Removal Configuration

| | Part # | Description |
|---|---|---|
| ☐ _____ | WF-1/CF | Wall Flex high efficiency filtration system c/w 1.5 HP direct mount P-Max fan 115/1/60 TEFC motor and odor removal filter ( CF-45 filter with 40-45 lbs of charcoal included) instead of standard P-160 Filter |
| ☐ _____ | WF-2/CF | Wall Flex high efficiency filtration system c/w 2 HP direct mount P-Max fan 230/460/3/60 TEFC motor and odor removal filter ( CF-45 filter with 40-45 lbs of charcoal included) instead of standard P-160 Filter |
| ☐ _____ | WF-3/CF | Wall Flex high efficiency filtration system c/w 2 HP direct mount P-Max fan 575/3/60 TEFC motor and odor removal filter ( CF-45 filter with 40-45 lbs of charcoal included) instead of standard P-160 Filter |
| ☐ _____ | WF-4/CF | Wall Flex high efficiency filtration system c/w 2 HP direct mount P-Max fan 230/1/60 TEFC motor and odor removal filter ( CF-45 filter with 40-45 lbs of charcoal included) instead of standard P-160 Filter |

### Main System - Wall-Flex - Filter Gas/Micro - Combo Filter Configuration

| | Part # | Description |
|---|---|---|
| ☐ _____ | WF-1/P-004-WFC | Wall Flex high efficiency filtration system c/w 1.5 HP direct mount P-Max fan 115/1/60 TEFC motor and Filter Gas/Micro-Combo Filter ( P-004-WFC filter with 12-15 lbs of charcoal included) instead of standard P-160 Filter |
| ☐ _____ | WF-2/P-004-WFC | Wall Flex high efficiency filtration system c/w 2 HP direct mount P-Max fan 230/460/3/60 TEFC motor and Filter Gas/Micro-Combo Filter ( P-004-WFC filter with 12-15 lbs of charcoal included) instead of standard P-160 Filter |
| ☐ _____ | WF-3/P-004-WFC | Wall Flex high efficiency filtration system c/w 2 HP direct mount P-Max fan 575/3/60 TEFC motor and Filter Gas/Micro-Combo Filter ( P-004-WFC filter with 12-15 lbs of charcoal included) instead of standard P-160 Filter |
| ☐ _____ | WF-4/P-004-WFC | Wall Flex high efficiency filtration system c/w 2 HP direct mount P-Max fan 230/1/60 TEFC motor and Filter Gas/Micro-Combo Filter ( P-004-WFC filter with 12-15 lbs of charcoal included) instead of standard P-160 Filter |

### Main System Part - Pre-engineered Kits - Cleanable filters

| | Part # | Description |
|---|---|---|
| ☐ _____ | WF-CF-10 | Wall Flex high efficiency filter system **c/w 1.5 HP fan 115/1/60 TEFC, switch, overload, plug, cord & 10' extraction arm** |
| ☐ _____ | WF-CF-14 | Wall Flex high efficiency filter system **c/w 1.5 HP fan 115/1/60 TEFC, switch, overload, plug, cord & 14' extraction arm** |
| ☐ _____ | WF-CF-17 | Wall Flex high efficiency filter system **c/w 1.5 HP fan 115/1/60 TEFC, switch, overload, plug, cord & 17' extraction arm** |
| ☐ _____ | WF-CF-7 | Wall Flex Base Model w/ 7' Extraction Arm |

### Main System Part - Pre-engineered Kits - Self-Cleaning Filters

| | Part # | Description |
|---|---|---|
| ☐ _____ | WF-SCF-10 | Wall Flex "Self-Cleaning" w/10' Extraction Arm |
| ☐ _____ | WF-SCF-14 | Wall Flex "Self-Cleaning" w/14' Extraction Arm |
| ☐ _____ | WF-SCF-17 | Wall Flex "Self-Cleaning" w/17' Extraction Arm |
| ☐ _____ | WF-SCF-7 | Wall Flex "Self-Cleaning" w/7' Extraction Arm |

### Fan / Motor Upgrades or Options (when ordering main unit)

| | Part # | Description |
|---|---|---|
| ☐ _____ | JRP-VFD-230V-2-NEMA4 | 2.0 HP AC DRIVE ,230V 1 PH IN 3 PH OUT in NEMA 4 enclosure and simple "Dial/Potentiometer" speed control. |
| ☐ _____ | JRP-VFD-230V-3-NEMA4 | 3.0 HP AC DRIVE ,230V single or 3 PH IN 3 PH OUT in NEMA 4 enclosure and simple "Dial/Potentiometer" speed control. |

### Extraction Arms

| | Part # | Description |
|---|---|---|
| ☐ _____ | P-006 | Flexi-I Extraction Arm 160mm (6.5")Ø – 1.5m (5')L. c/w damper and wall/Fan bracket. |
| ☐ _____ | P-007 | Flexi-I Extraction Arm 160mm (6.5")Ø – 2m (7')L. c/w damper and wall/Fan bracket. |
| ☐ _____ | P-008 | Flexi-I Extraction Arm 160mm (6.5")Ø – 3m (10')L. c/w damper and wall/Fan bracket. |
| ☐ _____ | P-143 | Flexi-II Extraction Arm: 200mm (8")Ø – 2m (07')L. c/w damper and wall/Fan bracket. |
| ☐ _____ | P-144 | Flexi-II Extraction Arm: 200mm (8")Ø – 3m (10')L. c/w damper and wall/Fan bracket. |
| ☐ _____ | P-145 | Flexi-II Extraction Arm: 200mm (8")Ø – 4m (14')L. c/w damper and wall/Fan bracket. |
| ☐ _____ | P-146 | Flexi-II Extraction Arm: 200mm (8")Ø – 5m (17')L. c/w damper and wall/Fan bracket. |

### Stanchions & Wall Brackets

| | Part # | Description |
|---|---|---|
| ☐ _____ | P-023 | Ceiling/floor stanchion 3m (9.75') for Flexi and Pro-Flex Extraction Arms |

### Sound Attenuation

| | Part # | Description |
|---|---|---|
| ☐ _____ | WF-Motor Silencer | Motor Silencer for Wall-Flex unit. Steel construction powder coated finishing c/w 2" sound insulation. |

### Hose Connectors and Fittings

| | Part # | Description |
|---|---|---|
| ☐ _____ | R-060 | Inlet Ø125 galvanized, 8 bolts M8 x 16mm. Packed in plastic. |
| ☐ _____ | R-061 | Inlet Ø150/160 powder coated black, 8 bolts M8 x 16mm. Packed in plastic. |
| ☐ _____ | R-062 | Inlet Ø200 powder coated black, 8 bolts M8 x 16mm. Packed in plastic. |
| ☐ _____ | R-063 | Inlet Ø100 powder coated black, 8 bolts M8 x 16mm. Packed in plastic. |
| ☐ _____ | R-064 | Inlet Ø75 powder coated black, 8 bolts M8 x 16mm. Packed in plastic. |

### Silencer Option (when ordering main unit)

| | Part # | Description |
|---|---|---|
| ☐ _____ | SIL-8 | Silencer for P-Max series fan, 8 (200mm) (for use with P-Max Fans) |



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|---|---|
| CUSTOMER: | |
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| PROJECT: | |
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| Drawn by: | Janos B |
| Date: | 5/8/2014 |
| Scale: | NTS |
| Weight: | N/A |

**03-05 WALL-FLEX CARTRIDGE DUST COLLECTOR**

Specification Drawing

| | |
|---|---|
| Drawing No.: | - |
| File Name: | (03-05) Wall Flex - SD |
| Material: | - |
| Sheet: | 6/7 |

## *MODELS & OPTIONS:*

### Fan / Motor Upgrades or Options (when ordering main unit)

| | Part # | Description |
|---|---|---|
| ☐ ____ | JRP-VFD-230V-2-NEMA4 | 2.0 HP AC DRIVE ,230V 1 PH IN 3 PH OUT in NEMA 4 enclosure and simple "Dial/Potentiometer" speed control. |
| ☐ ____ | JRP-VFD-230V-3-NEMA4 | 3.0 HP AC DRIVE ,230V single or 3 PH IN 3 PH OUT in NEMA 4 enclosure and simple "Dial/Potentiometer" speed control. |

### Extraction Arms

| | Part # | Description |
|---|---|---|
| ☐ ____ | P-006 | Flexi-I Extraction Arm 160mm (6.5")Ø – 1.5m (5')L. c/w damper and wall/Fan bracket. |
| ☐ ____ | P-007 | Flexi-I Extraction Arm 160mm (6.5")Ø – 2m (7')L. c/w damper and wall/Fan bracket. |
| ☐ ____ | P-008 | Flexi-I Extraction Arm 160mm (6.5")Ø – 3m (10')L. c/w damper and wall/Fan bracket. |
| ☐ ____ | P-143 | Flexi-II Extraction Arm: 200mm (8")Ø – 2m (07')L. c/w damper and wall/Fan bracket. |
| ☐ ____ | P-144 | Flexi-II Extraction Arm: 200mm (8")Ø – 3m (10')L. c/w damper and wall/Fan bracket. |
| ☐ ____ | P-145 | Flexi-II Extraction Arm: 200mm (8")Ø – 4m (14')L. c/w damper and wall/Fan bracket. |
| ☐ ____ | P-146 | Flexi-II Extraction Arm: 200mm (8")Ø – 5m (17')L. c/w damper and wall/Fan bracket. |

### Stanchions & Wall Brackets

| | Part # | Description |
|---|---|---|
| ☐ ____ | P-023 | Ceiling/floor stanchion 3m (9.75') for Flexi and Pro-Flex Extraction Arms |

### Sound Attenuation

| | Part # | Description |
|---|---|---|
| ☐ ____ | WF-Motor Silencer | Motor Silencer for Wall-Flex unit. Steel construction powder coated finishing c/w 2" sound insulation. |

### Hose Connectors and Fittings

| | Part # | Description |
|---|---|---|
| ☐ ____ | R-060 | Inlet Ø125 galvanized, 8 bolts M8 x 16mm. Packed in plastic. |
| ☐ ____ | R-061 | Inlet Ø150/160 powder coated black, 8 bolts M8 x 16mm. Packed in plastic. |
| ☐ ____ | R-062 | Inlet Ø200 powder coated black, 8 bolts M8 x 16mm. Packed in plastic. |
| ☐ ____ | R-063 | Inlet Ø100 powder coated black, 8 bolts M8 x 16mm. Packed in plastic. |
| ☐ ____ | R-064 | Inlet Ø75 powder coated black, 8 bolts M8 x 16mm. Packed in plastic. |

### Silencer Option (when ordering main unit)

| | Part # | Description |
|---|---|---|
| ☐ ____ | SIL-8 | Silencer for P-Max series fan, 8 (200mm) (for use with P-Max Fans) |

### Accessories

| | Part # | Description |
|---|---|---|
| ☐ ____ | AL-6-PG-6 | 0-6 magna-helic pressure gauge, approximately 5 diameter size. Surface mounted. |

### Installation Accessories

| | Part # | Description |
|---|---|---|
| ☐ ____ | P-086 | Double arm Adapter, which permits 2-160mm Flexi arms to be mounted on Ceiling, Table, or portable collector such as a Mobi-Flex. |
| ☐ ____ | WF-MTR-BRKT | Wall flex Fan mounting bracket |

### Replacement filters - (Quantity discounts available upon request)

| | Part # | Description |
|---|---|---|
| ☐ ____ | P-537 | Replacement filter Rectangular for P-150, Roll Flex |
| ☐ ____ | P-160 | 80/20 Cell Polyester blended replacement filter cartridge for standard Mobi-Flex units **Dry Dust & Welding smoke applications. Cleanable with vacuum or compressed air.** |
| ☐ ____ | P-160-OEM | OEM Replacement filter for Mobi-Flex. Washable spun-bound polyester. Cleanable with Detergent and high pressure water. |
| ☐ ____ | Charcoal-15 | 15 lbs. Bag of activated carbon. |
| ☐ ____ | Charcoal-CP40 | 40" lb of CP Blend of chemisorbant and activated carbon blend.<br>Target Contaminants:<br>Hydrocarbons<br>VOC's<br>Oxides of sulfur<br>Formaldehyde<br>Nitric Oxide<br>Hydrogen Sulfide<br>Lower molecular weight aldehydes and organic acids |
| ☐ ____ | P-160-W | Washable spun-bound polyester replacement filter cartridge for standard Mobi-Flex units **for Oily smoke applications. Cleanable with Detergent and high pressure water.** |
| ☐ ____ | P-160-TEF | Teflon Filter for Mobi Flex and Wall Flex filter units. 99.97% @ 0.5 Micons... Washable |
| ☐ ____ | P-004-MFC-18 | Filter, Gas/Micro - Combo Filter - spun bond polyester/activated carbon (comes with 15 lbs. of activated charcoal in pail) |
| ☐ ____ | P-004-WFC-16 | Filter, Gas/Micro - Combo Filter - spun bond polyester/activated carbon (comes with 12-15 lbs. of activated charcoal in pale) |
| ☐ ____ | P-150-535-HEPA | Replacement HEPA After Filter for Mobi & Wall Flex |

03-05

| | | | |
|---|---|---|---|
| CUSTOMER: | > www.lev-co.com • 1.888.862.5356 | lev-co | The device depicted and described hereon embodies proprietary information owned by the manufacturer. All design, manufacturing, reproduction, sales and patent rights regarding this device or drawing reserved except where explicit right is guaranteed in writing. We reserve the right to make design changes. |
| CUSTOMER P.O.: | | | |
| PROJECT: | | | |
| ENGINEER: | | | |
| SALES REP.: | | | |
| IDENTIFICATION / TAGGING: | | | |

| | |
|---|---|
| Drawn by: | Janos B |
| Date: | 5/8/2014 |
| Scale: | NTS |
| Weight: | N/A |

**03-05 WALL-FLEX**
**CARTRIDGE DUST COLLECTOR**
Specification Drawing

| | |
|---|---|
| Drawing No.: - | File Name: (03-05) Wall Flex - SD |
| Material: - | Sheet: 7/7 |