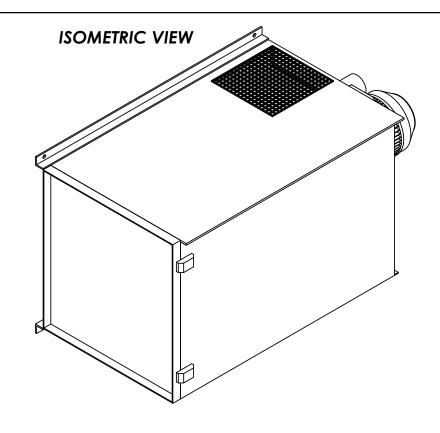
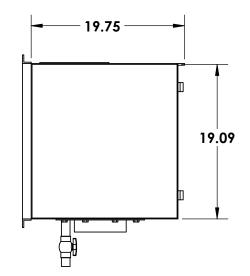
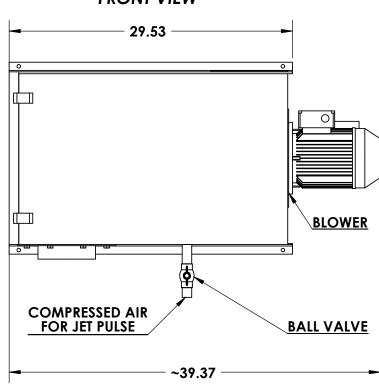
PERFORMANCE CURVE 10.00 9.00 8.00 S.P. (inch of w.g.) WF - FAN 6.00 3.00 2.00 1.00 0.00 200 400 600 800 1000 1200 1400 **CFM**









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-l 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.

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Date:	7/4/2014
Scale:	NTS
Weight:	N/A

WALL-FLEX-SC JET PULSE CLEANING AND TRAY

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Specification Drawing

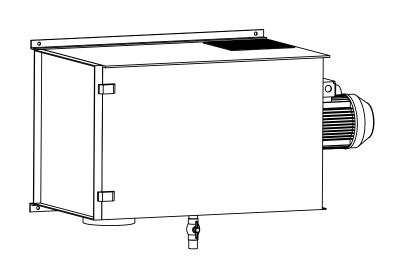


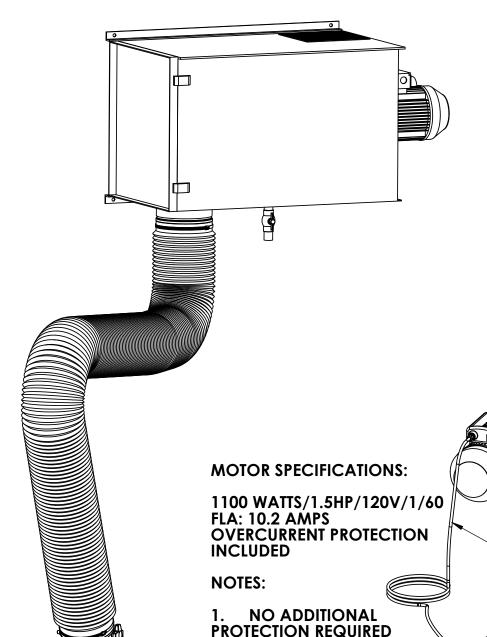




2. WALL-FLEX-SC WITH FLEXI ARM

3. "INVERTED" WALL-FLEX-SC WITH FLEXI ARM





START/STOP BUTTON C/W MOTOR OVERLOAD PROTECTION SET TO 11.5 AMPS, ENCLOSED IN A NEMA 4 HOUSING

12FT OF 14 GA SJOOW POWER CORD

STANDARD NEMA 5-15P POWER PLUG

SWITCH POSITION CAN BE ROTATED TO SUIT PREFERRED LOCATION

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	Weight:	N/A

WALL-FLEX-SC JET PULSE CLEANING AND TRAY

Specification Drawing

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File Name: WALL-FLEX-SC - SD Sheet: 2/12

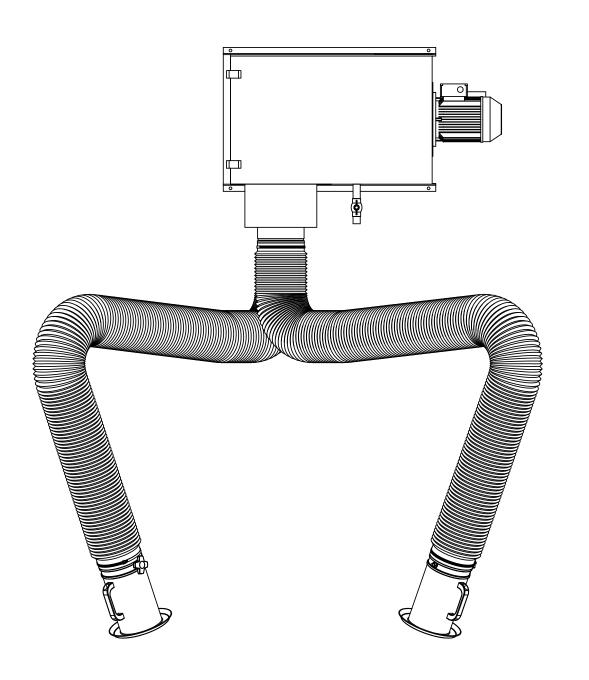
SWITCHED OUTLET

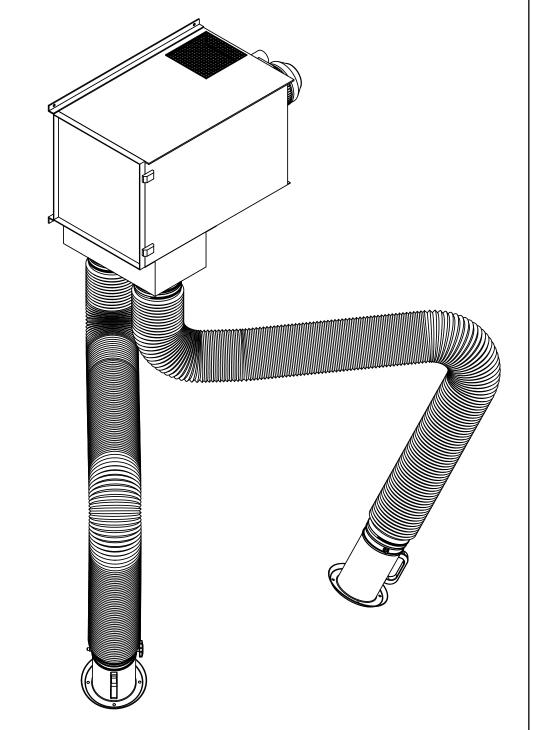
MAY BE PREFERRED

LOCATION

DEPENDING ON UNIT

DUAL ARM CONFIGURATION







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WALL-FLEX-SC JET PULSE CLEANING AND TRAY

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N/A Specification Drawing

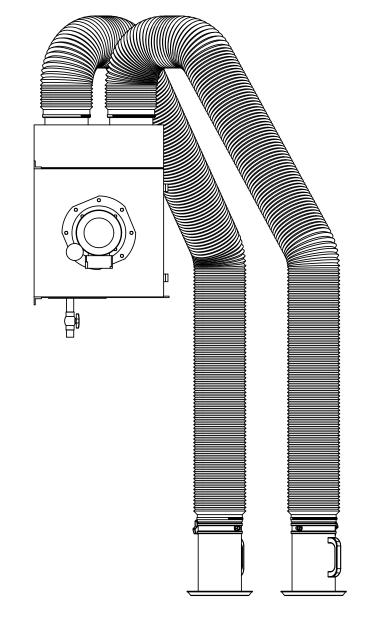
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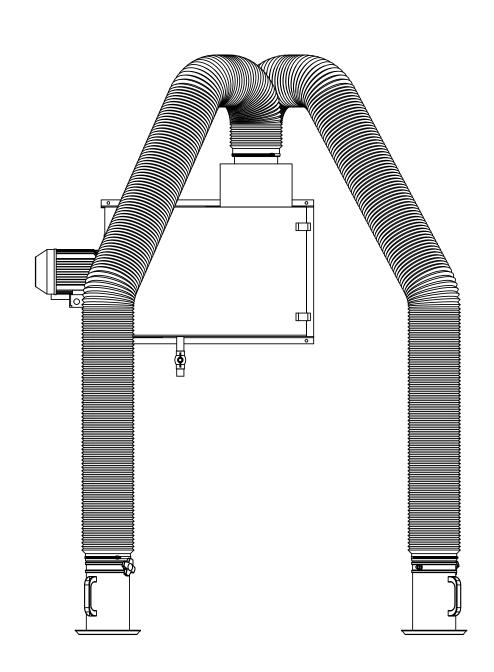


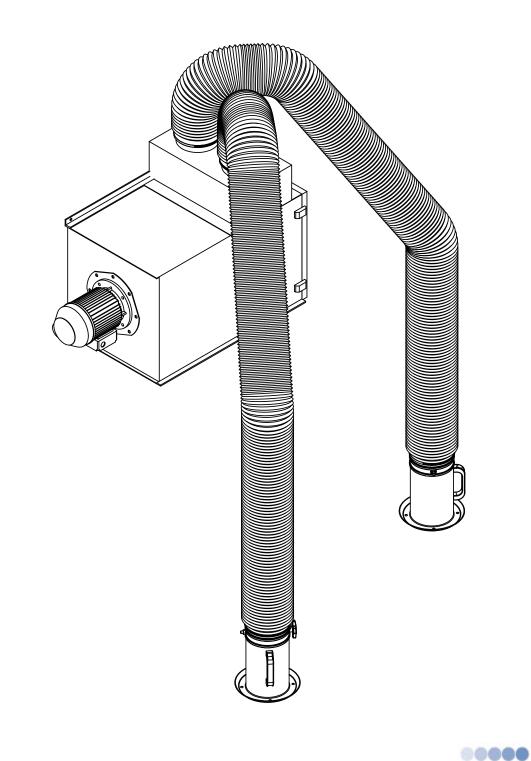
Drawing No.: - File Name: WALL-FLEX-SC - SD

Material: - Sheet: 3/12

"INVERTED" DUAL ARM CONFIGURATION







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Weight:	N/A

WALL-FLEX-SC JET PULSE CLEANING AND TRAY

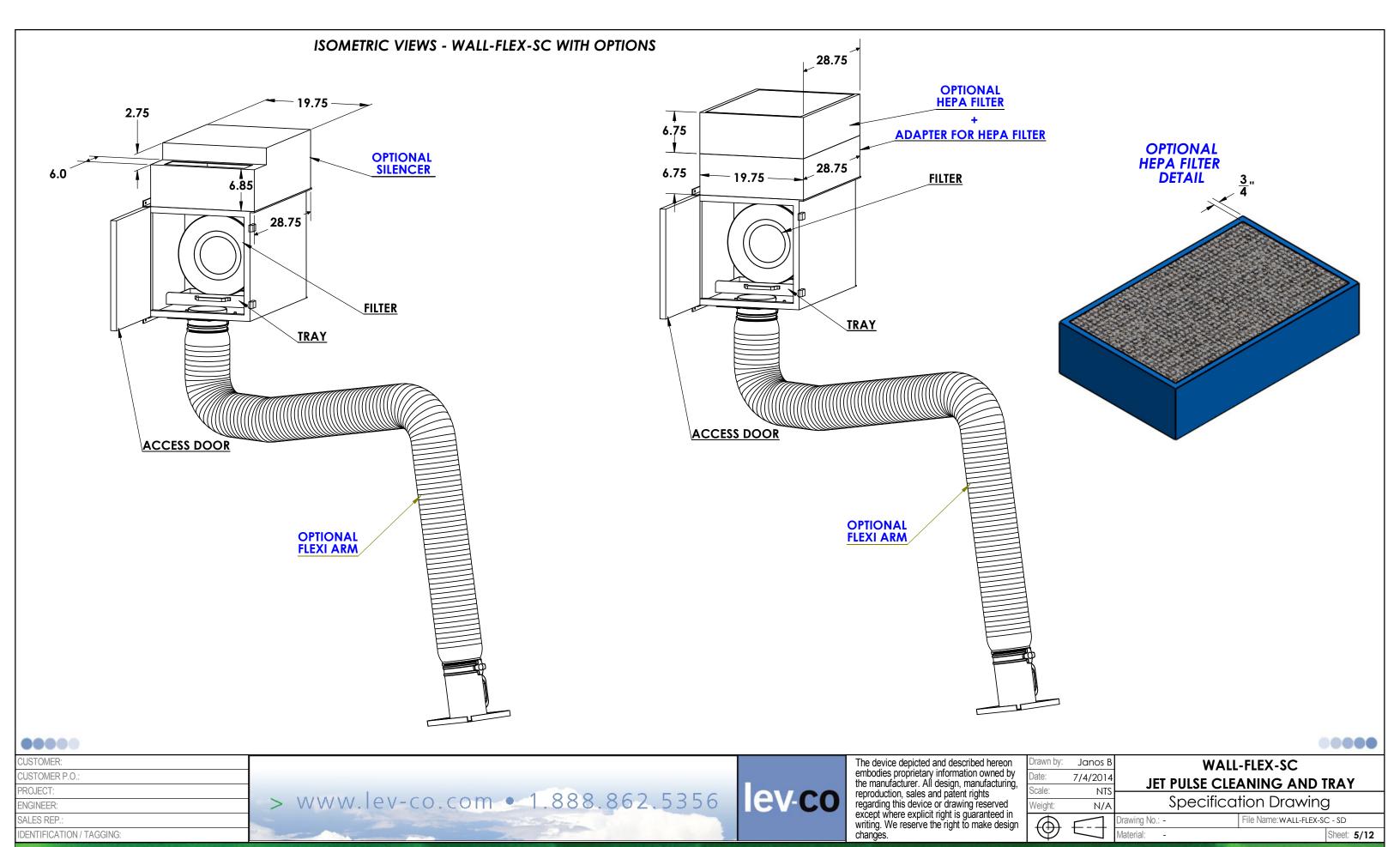
Specification Drawing





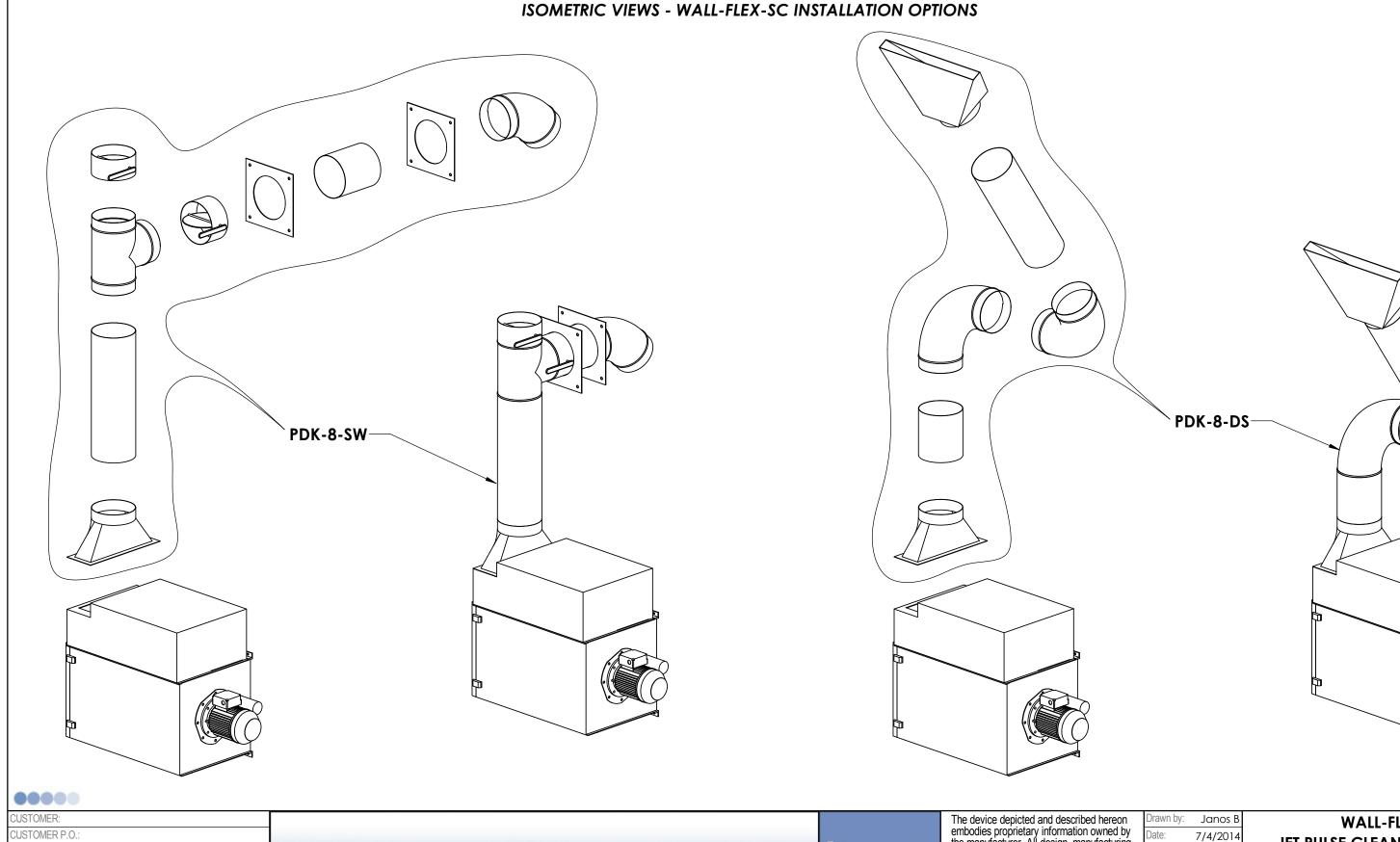
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Material: - Sheet: 4/12



Sheet: 5/12

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	Weight:	N/A

WALL-FLEX-SC JET PULSE CLEANING AND TRAY Specification Drawing

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File Name: WALL-FLEX-SC - SD Sheet: 6/12

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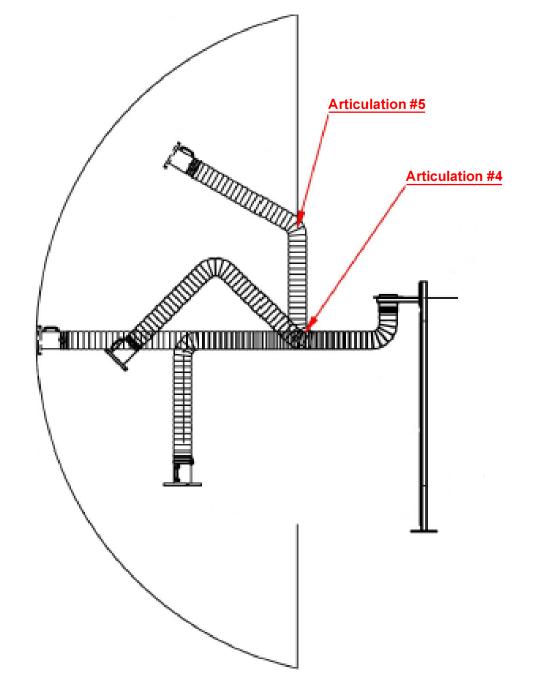
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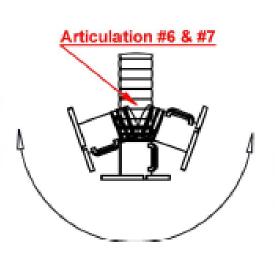
ENGINEER: SALES REP.

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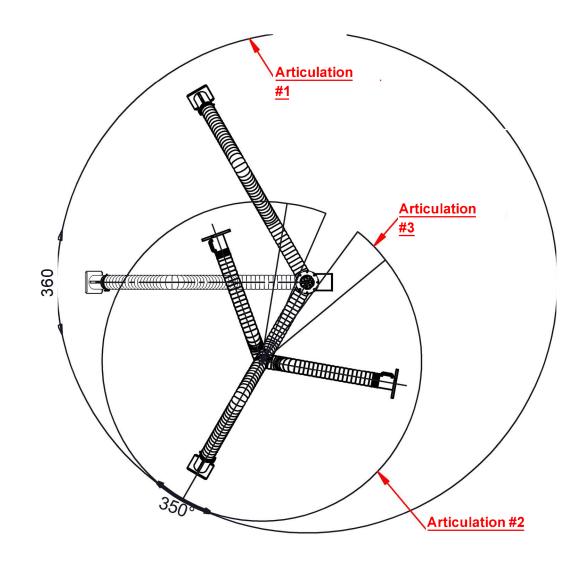
WALL-FLEX-SC WITH OPTIONAL ARM

VERTICAL RANGE OF MOVEMENT





HORIZONTAL RANGE OF MOVEMENT





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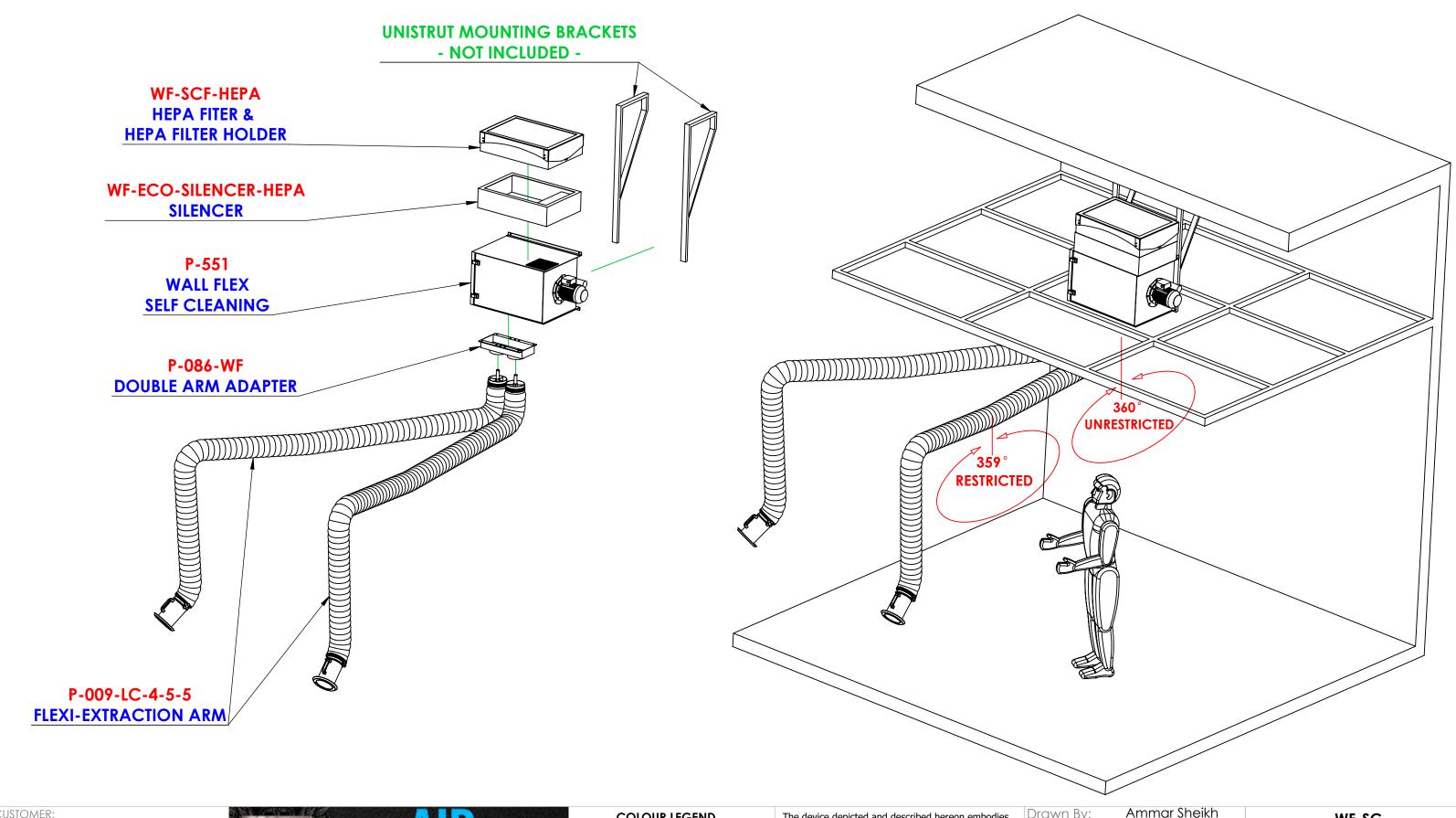
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	Date:	7/4/2014 NTS	
,	Scale:	NTS	
	Weight:	N/A	

WALL-FLEX-SC JET PULSE CLEANING AND TRAY Specification Drawing

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File Name: WALL-FLEX-SC - SD Sheet: **7/12**



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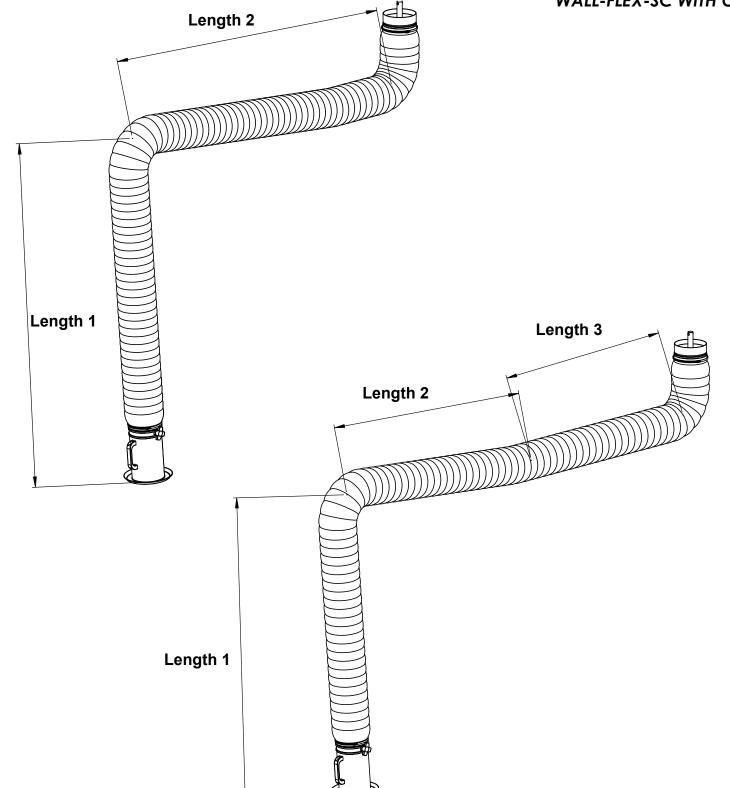
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COLOUR	MEANING
Red	Part number
Blue	Part description
Green	Installation by others
Orange	Optional product in assembly

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awn By:	Ammar Sheikh	WF-SC			
ate:	2022-01-05				
cale:	NTS	MOUNTING EXAMPLE			
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inc. All rights reserved. No part of this product may be reproduced or used in any		Drawing No:	R0	Sheet:	8/12
manner without written permission of the copyright owner.		File Name:	WF-ECO - How-T	o-Join Drawir	ng

WALL-FLEX-SC WITH OPTIONAL ARM



Main System - Flexi-I Extraction Extraction Arms - 6.5" diameter

Variants	Flexi Products	Diameter (inches)	Length 1 (ft)	Length 2 (ft)	Length 3 (ft) Hockey Kluban Extension	Total Length (ft)	Notes
Standing	P-002	6.5	3.5	3.5	/	7	/
(6.5" Ø with Mounting	P-003	6.5	5	5	/	10	/
Bracket, No Flange	P-181	6.5	3.5	3.5	/	7	/
Charactic a	P-069	6.5	2.5	2.5	/	5	/
Standing (6.5" Ø with Flange)	P-168	6.5	3.5	3.5	/	7	/
(0.5 & with riange)	P-169	6.5	5	5	/	10	/
	P-006	6.5	2.5	2.5	/	5	/
	P-007	6.5	3.5	3.5	/	7	/
	P-008	6.5	5	5	/	10	/
Hanging (6.5" Ø with Flange & Wall Bracket)	P-009	6.5	5	5	4	14	This arm uses a 1m Hockey Kluba and arm similar to a P-008
	P-010	6.5	5	5	7	17	This arm uses a 2m Hockey Kluba and arm similar to a P-008
	P-051	6.5	2.5	2.5	/	5	/
	P-052	6.5	3.5	3.5	/	7	/
	P-053	6.5	5	5	/	10	/
Hanging (6.5" Ø with Flange)	P-054	6.5	5	5	4	14	This arm uses a 1m Hockey Kluba and arm similar to a P-053
	P-055	6.5	5	5	7	17	This arm uses a 2m Hockey Kluba and arm similar to a P-053
	P-006-LC	6.5	2.5	2.5	/	5	/
	P-007-LC	6.5	3.5	3.5	/	7	/
	P-008-LC	6.5	5	5	/	10	/
Low Ceiling	P-009-LC-4-2.5-2.5	6.5	2.5	2.5	4	9	/
(6.5" Ø without	P-009-LC-4-3.5-3.5	6.5	3.5	3.5	4	11	/
Flange or Wall	P-009-LC-4-5-5	6.5	5	5	4	14	/
Bracket)	P-010-LC-7-2.5-2.5	6.5	2.5	2.5	7	12	/
	P-010-LC-7-3.5-3.5	6.5	3.5	3.5	7	14	/
	P-010-LC-7-5-5	6.5	5	5	7	17	/

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Weight:	N/A	

WALL-FLEX SELF CLEANING

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Sheet: **9/12**

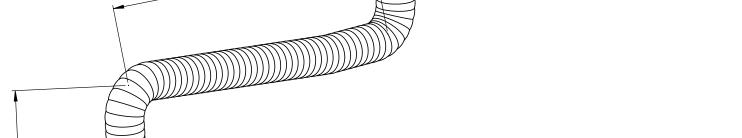
Mounting Example





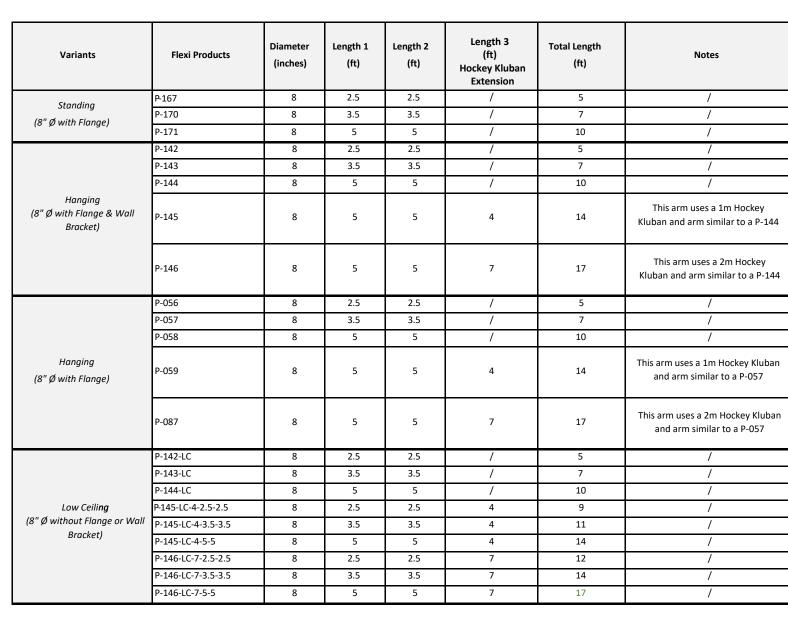
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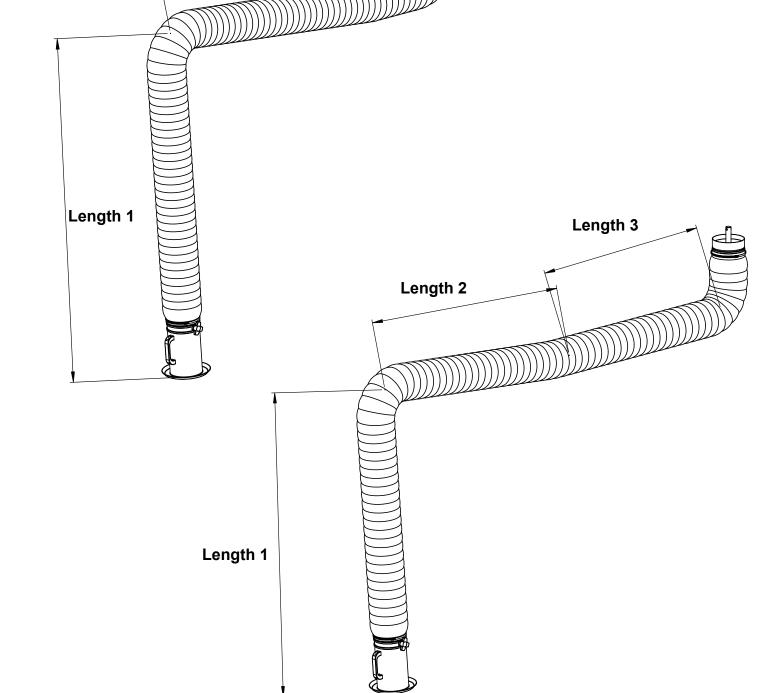
WALL-FLEX-SC WITH OPTIONAL ARM



Length 2

Main System - Flexi-II Extraction Extraction Arms - 6.5" diameter





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Weight:	N/A

WALL-FLEX SELF CLEANING





Mounting Example File Name: (03-051-04) How to Join 2xFLEX rawing No.: -

Sheet: 10/12

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Models and Options:		Sound Attenuation	Decembring	
Main System / Part Part #	Description Wall Flex with built in jet-pulse cleaning system. Rated at 600CFM at 7" TSP, 1.5HP 115/1/60 motor	Part # WF-ECO- SILENCER	Description Silencer for WF ECO	
P-551	Complete with motor, switch, overload protection, cord and Plug.	Accessories		
Main System - Pre-Engin Part # WF-SCF-7 WF-SCF-10 WF-SCF-14 WF-SCF-14	Description Wall Flex "Self-Cleaning" w/7' Extraction Arm Rated at 600CFM at 7" TSP, 1.5HP 115/1/60 motor Complete with motor, switch, overload protection, cord and Plug. Wall Flex "Self-Cleaning" w/10' Extraction Arm Rated at 600CFM at 7" TSP, 1.5HP 115/1/60 motor Complete with motor, switch, overload protection, cord and Plug. Wall Flex "Self-Cleaning" w/14' Extraction Arm Rated at 600CFM at 7" TSP, 1.5HP 115/1/60 motor Complete with motor, switch, overload protection, cord and Plug. Wall Flex "Self-Cleaning" w/17' Extraction Arm Rated at 600CFM at 7" TSP, 1.5HP 115/1/60 motor Complete with motor, switch, overload protection, cord and Plug.	Part # WF-ECO- CON-KIT-6 WF-ECO- CON-KIT-8 Replacement filters - (Part # P-541 P-544 Filter Options (when o Part # WF-SC-HE	Description	
Installation Accessories Part # R-064 R-063 R-061 R-062 PDK-8-DS PDK-8-SW	Description Inlet Ø75 powder coated black, 8 bolts M8 x 16mm. Packed in plastic. Inlet Ø100 powder coated black, 8 bolts M8 x 16mm. Packed in plastic. Inlet Ø150/160 powder coated black, 8 bolts M8 x 16mm. Packed in plastic. Inlet Ø200 powder coated black, 8 bolts M8 x 16mm. Packed in plastic. Industrial grade DESTRATIFICATION kit for destratifing heat and fugitive emissions. Industrial grade Summer-Winter duct kit used to exhaust air to atmosphere in the summer months and return the air to the facility in winter months. Kit comes complete with the following: 1 pc - square to round transition (connects to the exhaust of the WF-SC / WF-ECO) 2 pcs of 24" OF 8" diameter spiral duct 1 pc - 8" TEE with dual (2) dampers 2 pcs - wall flashing (1 for interior wall and 1 for exterior wall) 1 pc - 45 degree elbow 1 pc - bird screen			
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WALL-FLEX-SC JET PULSE CLEANING AND TRAY

Specification Drawing





awing No.: - File Name: WALL-FLEX-SC - SD sheet: 11/12

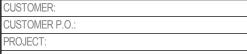
Hanging Extraction Arms Part# Description P-006 Flexi-I Extraction Arm: 160mm (6.5")Ø – 1.5m (5')L. c/w damper, flange and wall/Fan bracket. Flexi-I Extraction Arm: 160mm (6.5")Ø – 2m (7")L. c/w damper, flange and wall/Fan bracket. P-007 P-008 Flexi-I Extraction Arm: 160mm (6.5")Ø – 3m (10')L. c/w damper, flange and wall/Fan bracket. P-009 Flexi-I Extraction Arm: 160mm (6.5")Ø – 4m (14')L. c/w damper, flange and wall/Fan bracket. P-010 Flexi-I Extraction Arm: 160mm (6.5")Ø – 5m (17')L. c/w damper, flange and wall/Fan bracket. ____ P-051 Flexi-I Extraction Arm: 160mm (6.5")Ø – 1.5m (5')L. c/w damper and flange P-052 Flexi-I Extraction Arm: 160mm $(6.5")\emptyset - 2m$ (7')L. c/w damper and flange. P-053 Flexi-I Extraction Arm: 160mm (6.5")Ø – 3m (10')L. c/w damper and flange. P-054 Flexi-I Extraction Arm: 160mm (6.5")Ø – 4m (14')L. c/w damper and flange. Flexi-I Extraction Arm: 160mm (6.5")Ø – 5m (17')L. c/w damper and flange. P-055 P-142 Flexi-II Extraction Arm 200mm (8")Ø – 1.5m (5')L. c/w damper, flange and wall/Fan bracket. Flexi-II Extraction Arm 200mm (8")Ø – 2m (7')L. c/w damper, flange and wall/Fan bracket. P-143 P-144 Flexi-II Extraction Arm 200mm (8")Ø – 3m (10')L. c/w damper, flange and wall/Fan bracket. P-145 Flexi-II Extraction Arm 200mm (8")Ø – 4m (14')L. c/w damper, flange and wall/Fan bracket. P-146 Flexi-II Extraction Arm 200mm (8")Ø – 5m (17')L. c/w damper, flange and wall/Fan bracket. Flexi-II Extraction Arm: 200mm (8")Ø – 1.5m (5')L. c/w damper and flange. P-056 P-057 Flexi-II Extraction Arm: 200mm (8")Ø – 2m (7')L. c/w damper and flange. P-058 Flexi-II Extraction Arm: 200mm (8")Ø – 3m (10')L. c/w damper and flange Flexi-II Extraction Arm: 200mm (8")Ø – 4m (14')L. c/w damper and flange. P-059 Flexi-II Extraction Arm: 200mm (8")Ø – 5m (17')L. c/w damper and flange.

Low Ceiling Extraction Arms

Part #

Pail#	Description
P-142-LC	Flexi-II Extraction Arm 200mm (8")Ø – 1.5m (5')L. c/w damper.
P-143-LC	Flexi-II Extraction Arm 200mm (8")Ø – 2m (7')L. c/w damper.
P-144-LC	Flexi-II Extraction Arm 200mm (8")Ø – 3m (10')L. c/w damper.
P-145-LC-4-2.5-2.5	Flexi-II Extraction Arm 200mm (8")Ø – 4m (14')L. c/w damper.
P-145-LC-4-3.5-3.5	Flexi-II Extraction Arm 200mm (8")Ø – 5m (17')L. c/w damper.
P-145-LC-4-5-5	Flexi-II Extraction Arm: 200mm (8")Ø – 1.5m (5')L. c/w damper.
P-146-LC-7-2.5-2.5	Flexi-II Extraction Arm: 200mm (8")Ø – 2m (7')L. c/w damper.
P-146-LC-7-3.5-3.5	Flexi-II Extraction Arm: 200mm (8")Ø – 3m (10')L. c/w damper.
P-146-LC-7-5-5	Flexi-II Extraction Arm: 200mm (8")Ø – 4m (14')L. c/w damper.
P-006-LC	Flexi-I Extraction Arm: 160mm (6.5")Ø – 1.5m (5')L. c/w damper.
P-007-LC	Flexi-I Extraction Arm: 160mm (6.5")Ø – 2m (7')L. c/w damper.
P-008-LC	Flexi-I Extraction Arm: 160mm (6.5")Ø – 3m (10')L. c/w damper.
P-009-LC-4-2.5-2.5	Flexi-I Extraction Arm: 160mm (6.5")Ø – 2.7m (9')L. c/w damper.
P-009-LC-4-3.5-3.5	Flexi-I Extraction Arm: 160mm (6.5")Ø – 3.3m (11')L. c/w damper.
P-009-LC-4-5-5	Flexi-I Extraction Arm: 160mm (6.5")Ø – 4m (14')L. c/w damper.
P-010-LC-7-2.5-2.5	Flexi-I Extraction Arm: 160mm $(6.5")$ Ø – 3.7m $(12')$ L. c/w damper.
P-010-LC-7-3.5-3.5	Flexi-I Extraction Arm: 160mm (6.5")Ø – 4m (14')L. c/w damper.
P-010-7-5-5	Flexi-I Extraction Arm: 160mm (6.5")Ø – 5m (17')L. c/w damper.
	P-142-LC P-143-LC P-144-LC P-145-LC-4-2.5-2.5 P-145-LC-4-3.5-3.5 P-145-LC-7-2.5-2.5 P-146-LC-7-3.5-3.5 P-146-LC-7-5-5 P-006-LC P-007-LC P-008-LC P-009-LC-4-2.5-2.5 P-009-LC-4-3.5-3.5 P-010-LC-7-2.5-2.5 P-010-LC-7-3.5-3.5

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	Weight:	N/A	

WALL-FLEX-SC JET PULSE CLEANING AND TRAY

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Specification Drawing



