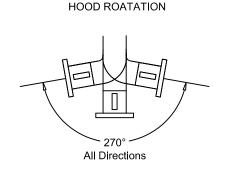


## DIMENSIONS

	3.9m (153") (P-125)	4.7m (187") (P-126)	, I , , , I		7.6m (299") (P-129)
Α	50mm (2")	50mm (2")	50mm (2")	50mm (2")	50mm (2")
В	1.3m (52.5")	1.3m (52.5")	2.4m (95.5")	3.1m (123")	3.1m (123")
С	.5m (20.5")	.5m (20.5")	.5m (20.5")	.5m (20.5")	1.5m (62")
L1	.9m (35.5")	1.3m (53")	1.3m (53")	1.3m (53")	1.3m (53")
L2	.7m (27.5")	1.1m (43")	1.1m (43")	1.1m (43")	1.1m (43")
L3	.4m (15.5")	.4m (15.5")	.4m (15.5")	.4m (15.5")	.4m (15.5")
L4	3.9m (153")	4.7m (187")	5.8m (230")	6.8m (269")	7.6m (299")



## **SPECIFICATIONS**

## **C**onstruction and Function:

<u>General</u>: The following extractor arms are of industrial quality, and designed to be used for the extraction of fumes, dust, mist, gases and smoke. They are manufactured to withstand the environments associated with these applications and when the appropriate fans are selected, these extractors will remove pollutants in accordance with all industrial ventilation guidelines.

<u>Wall Bracket:</u> Constructed of 6 and 2.5-mm steel, painted with black baked-on enamel. C/W 2 integrated swivel bearing points for 360-degree continuous rotation, integrated duct & direct mount fan connections.

Internal Support: A combination of 50 X 25mm and 22 X 22mm, 2.5-mm steel tubing is used as the structure for the support mechanism.

"Parallelogram" technology is used along with 3 spring assisted joints to provide precise counterbalancing of the extractor's inner and outer arm.

<u>Vertical Range of Motion:</u> The <u>2-meter extraction arms</u> have a vertical range of 2.5 meters below (90 degrees below horizontal) and 1.5 meters above their respective mounting brackets (90 degrees above horizontal).

The 3, 4 and 5-meter extraction arms shall have a vertical range of 3.5 meters below (90 degrees below horizontal) and 2.5 meters above their mounting brackets (90 degrees above horizontal).

<u>Horizontal Range of Motion:</u> The <u>2 and 3-meter extraction arms</u> have a horizontal radius of 2.0 and 3.0 meters respectively and is able to rotate continuously around their mounting brackets.

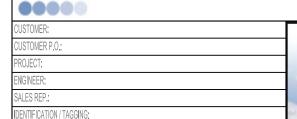
The <u>4 and 5-meter extraction arms</u> have a compound horizontal radii. The overall radii are 4.0 and 5.0 meters respectively with the second swivel joint located 1.3 and 2.3 meters (respectively) out from their mounting brackets.

<u>Hardware:</u> All joints are provided with friction disks, "Belleville" washers and nylon insert lock nuts. All parallelogram joints have been pre-assembled and tensioned by the factory

<u>Hose:</u> Round in construction, made of flameproof, double skin, fiberglass reinforced, and flexible PVC fabric resistant to UV radiation. Maximum operating temperature; 70 degrees C.

<u>Hood:</u> The hood is constructed of 20ga, stamped steel, painted with a black, UV resistant, baked on enamel painted. The hood comes with; integrated damper with a positive seal (Optional on the 200mm extractors), ring handle, front handle, "Quick connect" flange and has range of motion of 270 degrees in all directions.

<u>Hardware:</u> The arm is supplied with all necessary hardware required for assembly and duct connection. Hardware for mounting the extractor to the wall or column is to be provided by the installing contractor or end user.

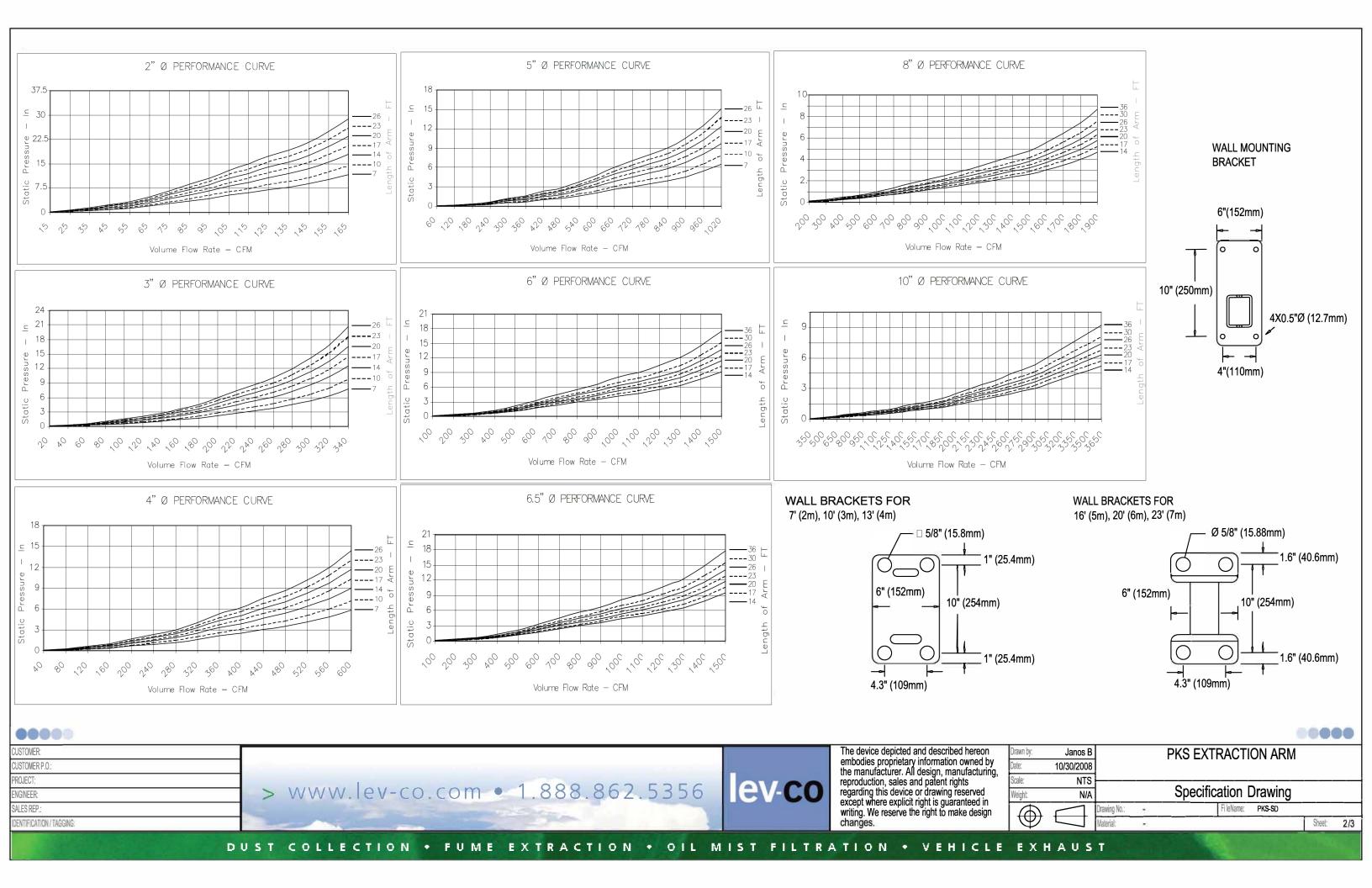


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Part#		Description		Hose, Ho	od & Nozzle Options	
Main E	Extractor Mechanism (1 OM-010	Reg'd) Parallelogram arm 1.3 m (4.3'). Fork assembly & hood bolt. 4 h	ose bands included.		OM-085/160	Steel damper for 160 mm (6") Ø arm. Powder coated. Packed in plastic.
	OM-011	Parallelogram arm 1.8 m (6'). Fork assembly & hood bolt. 5 ho		Wall, Tab	ole or Ceiling Bracket	(1 Required)
<u> </u>	OM-012 OM-013	Parallelogram arm 2,7 m (9'). Fork assembly & hood bolt. 5 ho: Parallelogram arm 3.8m(12.5'). Fork assembly & hood bolt. 7 h			OM-001	Wall bracket 0.1m (.33'), 1 hose band included.
1,00		(5) (5) (5)		F	OM-002	Wall bracket 0.2m (0.66') for SM, SP, PF. Tube 70 x 40 x 4mm.
100000000	Options OM-068-HEM-10	Hemeon Flared Style hood c/w 10" hose or duct connection.		Ö	OM-003	Wall bracket 0.5m (1.65') for SM, SP, PF. Tube 70 x 40 x 4mm.
	OW-000-FILIN-10	riement rialed sigle hood dw 10 hose of duct conflictation.			OM-003-RS	Wall bracket 0.5m (1.65') for Sm, SP, PF. Tube 70 x 40 x 4mm. Comes with reinforced sleeve.
98000					OM-004	Table/ceiling bracket 0.7 m (2.3').
- Misc	OM-083	PRO-FLEX Extraction Arm 3m (10'). Support arm outside. Steel	hubes Ø160mm Without wall bracket			
ä	PKS-ASSY	Charge to have PKS Component System Arm assembled at fac		"Tool Su	spension" kits for H-N	
1,5-0					TS-036	Trolley kit for 2M H-MAX extension booms. Complete with 1- double-wheel main trolley and 4 single-wheel trolleys.
Flame	Retardant Fume Contro	ol Hose (Sold per foot)			TS-037	Trolley kit for 3M H-MAX extension booms. Complete with 1- double-wheel main trolley and 4 single-wheel trolleys.
	TPR-FR-2	2" Thermo plastic rubber hose, Flame Retardant, with wire enc	apsulated external wear strip. Temperature Range -40°F to +275°F continuous, 300°F intermittent. Color: Black with Orange wear strip.		TS-038	Trolley kit for 4M H-MAX extension booms. Complete with 1- double-wheel main trolley and 4 single-wheel trolleys.
	TPR-FR-2.5 TPR-FR-3		capsulated external wear strip. Temperature Range -40°F to +275°F continuous, 300°F intermittent. Color. Black with Orange wear strip. ith wire encapsulated external wear strip. Temperature Range -40°F to +275°F continuous, 300°F intermittent. Color. Black with Orange wear strip.	Horizont	al boom extensions (C	The state of the s
	TPR-FR-4		Ith wire encapsulated external wear strip. Temperature Range 40°F to ±275°F continuous, 300°F intermittent. Ools, Eleck with Orange wear strip.  Ith wire encapsulated external wear strip. Temperature Range 40°F to ±275°F continuous, 300°F intermittent. Ools, Eleck with Orange wear strip.	HOHZOHI	OM-005	Horizontal arm 0.7 m (2.3'). Fork assembly. 2 hose bands included.
	TPR-FR-5		ith wire encapsulated external wear strip. Temperature Range -40°F to +275°F continuous, 300°F intermittent. Color: Black with Orange wear strip.		OM-005-RS	Horizontal arm 0.7m (2.3). Fork assembly. Includes 2 hose bands and reinforced sleeve.
	TPR-FR-6 TPR-FR-7		ith wire encapsulated external wear strip. Temperature Range -40°F to +275°F continuous, 300°F intermittent. Color. Black with Orange wear strip. apsulated external wear strip. Temperature Range -40°F to +275°F continuous, 300°F intermittent. Color. Black with Orange wear strip.	- F	OM-006	Horizontal arm 1.9 m (6.2'), Wall bracket & 2 arms, 4 hose bands included.
	TPR-FR-8	8" Reinforced Thermo plastic rubber hose, Flame Retardant, w	ith wire encapsulated external wear strip. Temperature Range -40°F to +275°F continuous, 300°F intermittent. Color. Black with Orange wear strip.	H	OM-007	Horizontal arm 2.9 m (9.5'), Wall bracket & 2 arms. 4 hose bands included.
Gener	al purpose extraction h	ose (sold per foot)			OM-008	Horizontal arm 4.0 m (13.5'). Wall bracket & 2 arms, 5 hose bands included.
	TPR-1.5	1.5" Super-Flow TPR. Manufactured without solvents, glues or a	adhesives SF-TPR provides outstanding performance and fatigue resistance. Super-flow's smooth interior design allows for superior flow and maximum efficiency. Features		OM-009	Horizontal arm 4.7 m (15.4'). Wall bracket & 2 arms. 5 hose bands included.
7750			Iffe, good abraison resistance, wide temperature range and superior chemical resistance. Thermo plastic rubber with wire encapsulated external wearstrip. Temperature range -60°F  1. Colour. Black with yellow wearstrip. (available with and without encapsulated wire) Price per ft.			
П	TPR-10		1. Colour, back mult year we also up, cavalance will an un window encapsuated wile? I nice per it.  Messives SF-TPR provides outstanding performance and failgue resistance. Super-flow's smooth interior design allows for superior flow and maximum efficiency. Features	"Smooth	Tube" duct for PKS s	
			Iffe, good and produced the production of the		PKS-SD-012-100	100 MM "Smooth Tube" duct kit for OM-012 PKS extractor arm. Kit comes complete with 5 hose clamps, 2-100 mm aluminum tubes, 3 flex hoses.
	TPR-12		1. Colour. Black with yellow wearstrip. (available with and without encapsulated wire) Price per ft. dhesives SF-TPR provides outstanding performance and fatigue resistance. Super-flow's smooth interior design allows for superior flow and maximum efficiency. Features		PKS-SD-012-125	125 MM "Smooth Tube" duct kit for OM-012 PKS extractor arm. Kit comes complete with 5 hose clamps, 2-125 mm aluminum tubes, 3 flex hoses.
1	88	outstanding ozone and weather resistance, superior flex fatigue	elife, good abraison resistance, wide temperature range and superior chemical resistance. Thermo plastic rubber with wire encapsulated external wearstrip. Temperature range -60°F		PKS-SD-012-160	160 MM "Smooth Tube" duct kit for OM-012 PKS extractor arm. Kit comes complete with 5 hose clamps, 2-160 mm aluminum tubes, 3 flex hoses.
п	TPR-14		1. Colour. Black with yellow wearstrip. (available with and without encapsulated wire) Price per ft.  dhesives SF-TPR provides outstanding performance and fatigue resistance. Super-flow's smooth interior design allows for superior flow and maximum efficiency. Features		PKS-SD-012-200 PKS-SD-012-250	200 MM "Smooth Tube" duct kit for OM-012 PKS extractor arm. Kit comes complete with 5 hose clamps, 2-200 mm aluminum tubes, 3 flex hoses.  250 MM "Smooth Tube" duct kit for OM-012 PKS extractor arm. Kit comes complete with 5 hose clamps, 2-250 mm aluminum tubes, 3 flex hoses.
	88 0	outstanding ozone and weather resistance, superior flex fatigue	elife, good abraison resistance, wide temperature range and superior chemical resistance. Thermo plastic rubber with wire encapsulated external wearstrip. Temperature range -60°F	늰	PKS-SD-012-250 PKS-SD-012-315	315 MM "Smooth Tube" duct kit for OM-012 PKS extractor arm. Kit comes complete with 5 hose clamps, 2-250 mm aluminum tubes, 3 flex hoses.
П	TPR-16		1. Colour. Black with yellow wearstrip. (available with and without encapsulated wire) Price per ft.  dhesives SF-TPR provides outstanding performance and fatigue resistance. Super-flow's smooth interior design allows for superior flow and maximum efficiency. Features		PKS-SD-012-72	72 MM "Smooth Tube" duck kit for OM-012 PKS extractor arm. Kit comes complete with 5 hose clamps, 2-72 mm aluminum tubes, 3 flex hoses.
1.0	8		elfe, good abraison resistance, wide temperature range and superior chemical resistance. Thermo plastic rubber with wire encapsulated external wearstrip. Temperature range -60°F	H	PKS-SD-013-100	100 MM "Smooth Tube" duct kit for OM-013 PKS extractor arm. Kit comes complete with 5 hose clamps, 2-100 mm aluminum tubes, 3 flex hoses.
п	TPR-2		<ol> <li>Colour. Black with yellow wearstrip. (available with and without encapsulated wire) Price per ft.</li> <li>hesives SF-TPR provides outstanding performance and fatigue resistance. Super-flow's smooth interior design allows for superior flow and maximum efficiency. Features outstanding</li> </ol>	ñ	PKS-SD-013-125	125 MM "Smooth Tube" duct kit for OM-013 PKS extractor arm. Kit comes complete with 5 hose clamps, 2-125 mm aluminum tubes, 3 flex hoses.
1.2	N	ozone and weather resistance, superior flex fatigue life, good a	braison resistance, wide temperature range and superior chemical resistance. Thermo plastic rubber with wire encapsulated external wearstrip. Temperature range -60°F to +275°F		PKS-SD-013-160	160 MM "Smooth Tube" duct kit for OM-013 PKS extractor arm. Kit comes complete with 5 hose clamps, 2-160 mm aluminum tubes, 3 flex hoses.
п	TPR-2.5		Black with yellow wearstrip. (available with and without encapsulated wire) Price per ft. adhesives SF-TPR provides outstanding performance and fatigue resistance. Super-flow's smooth interior design allows for superior flow and maximum efficiency. Features		PKS-SD-013-200	200 MM "Smooth Tube" duct kit for OM-013 PKS extractor arm. Kit comes complete with 5 hose clamps, 2-200 mm aluminum tubes, 3 flex hoses.
1-2	85 61	outstanding ozone and weather resistance, superior flex fatigue	elife, good abraison resistance, wide temperature range and superior chemical resistance. Thermo plastic rubber with wire encapsulated external wearstrip. Temperature range -60°F		PKS-SD-013-72	72 MM "Smooth Tube" duct kit for OM-013 PKS extractor arm. Kit comes complete with 5 hose clamps, 2-72 mm aluminum tubes, 3 flex hoses.
п	TPR-3		<ol> <li>Colour: Black with yellow wearstrip. (available with and without encapsulated wire) Price per ft.</li> <li>hesives SF-TPR provides outstanding performance and fatigue resistance. Super-flow's smooth interior design allows for superior flow and maximum efficiency. Features outstanding</li> </ol>			
1.2	11113	ozone and weather resistance, superior flex fatigue life, good a	braison resistance, wide temperature range and superior chemical resistance. Thermo plastic rubber with wire encapsulated external wearstrip. Temperature range -60°F to +275°F	Stanchio	ns & Wall Brackets	
_	TPR-3.5		Black with yellow wearstrip, (available with and without encapsulated wire) Price per ft. adhesives SF-TPR provides outstanding performance and fatigue resistance. Super-flow's smooth interior design allows for superior flow and maximum efficiency, Features		OM-036	1,3 m Main Boom Incl. Wall bracket
12	11 (C-3.5	outstanding ozone and weather resistance, superior flex fatigue	ellfe, good abraison resistance, wide temperature range and superior chemical resistance. Thermo plastic rubber with wire encapsulated external wearstrip, Temperature range -60°F		OM-037	2,3 m Main Boom Incl. Wall bracket
_	TPR-4		<ol> <li>Colour. Black with yellow wearstrip. (available with and without encapsulated wire) Price per ft.</li> <li>hesives SF-TPR provides outstanding performance and fatigue resistance. Super-flow's smooth interior design allows for superior flow and maximum efficiency. Features outstanding</li> </ol>		OM-038	3 m Main Boom Incl. Wall bracket
D	1FK-4		braison resistance, wide temperature range and superior chemical resistance. Thermo plastic rubber with wire encapsulated external work arrangement range and superior chemical resistance. Thermo plastic rubber with wire encapsulated external wearstip, Temperature range and superior chemical resistance. Thermo plastic rubber with wire encapsulated external wearstip, Temperature range and superior chemical resistance.	Hood (1 F	(h'nos	
	TDD 4.6		Black with yellow wearstip, (available with and without encapsulated wire) Price per ft.	Hood (1 F	OM-067	Hood With damper. Ø 75 mm (3") Length: 0.2 m (.66').PKS System Code: T
	TPR-4.5		adhesives SF-TPR provides outstanding performance and fatigue resistance. Super-flow's smooth interior design allows for superior flow and maximum efficiency. Features Iffe, good abraison resistance, wide temperature range and superior chemical resistance. Thermo plastic rubber with wire encapsulated external wearstrip. Temperature range -60°F	님	OM-068	Hood D125MM with damper
520	TDD F	to +275°F contiuous, 300°F intermittent. Compression Ratio: 2:	1. Colour. Black with yellow wearstrip. (available with and without encapsulated wire) Price per ft.	H	OM-069	Hood D160MM with damper
	TPR-5		hesives SF-TPR provides outstanding performance and fatigue resistance. Super-flow's smooth interior design allows for superior flow and maximum efficiency. Features outstanding braison resistance, wide temperature range and superior chemical resistance. Thermo plastic rubber with wire encapsulated external wearstrip. Temperature range -60°F to +275°F	H	OM-071	Hood D200MM with damper for Pro-flex, supermax or magnetic hood
92.07	700.5.5	continuous, 300°F intermittent. Compression Ratio: 2:1. Colour.	Black with yellow wearstrip. (available with and without encapsulated wire) Price per ft.	F	OM-071-315	Hood D315MM with damper. Construction: 18 gauge aluminum, powder coated black.
	TPR-5.5		adhesives SF-TPR provides outstanding performance and fatigue resistance. Super-flow's smooth interior design allows for superior flow and maximum efficiency. Features Ilife, good abraison resistance, wide temperature range and superior chemical resistance. Thermo plastic rubber with wire encapsulated external wearstrip. Temperature range -60°F		OM-072	Hood D250MM with damper. Construction: 18 gauge aluminum, powder coated black.
100	700.0		1. Colour. Black with yellow wearstrip. (available with and without encapsulated wire) Price per ft.		OM-080	Hood D 100MM with damper
	TPR-6		hesives SF-TPR provides outstanding performance and fatigue resistance. Super-flow's smooth interior design allows for superior flow and maximum efficiency. Features outstanding braison resistance, wide temperature range and superior chemical resistance. Thermo plastic rubber with wire encapsulated external wearstrip. Temperature range -60°F to +275°F		R-028	Hood Without damper. Ø 45 mm (1.75") Length: 0.2 m (.66").PKS System Code: T
500			Black with yellow wearstrip. (available with and without encapsulated wire) Price per ft.		R-029	Hood Without damper. Ø 63 mm (2.5") Length: 0.2m (.66"). PKS System Code: T
	TPR-7		hesives SF-TPR provides outstanding performance and fatigue resistance. Super-flow's smooth interior design allows for superior flow and maximum efficiency. Features outstanding braison resistance, wide temperature range and superior chemical resistance. Thermo plastic rubber with wire encapsulated external wearstrip. Temperature range -60°F to +275°F		R-030	Hood With damper, Ø 63mm (2.5") Length: 0.2 m (.66").PKS System Code: T
9060		continous, 300°F intermittent. Compression Ratio: 2:1. Colour.	Black with yellow wearstrip, (available with and without encapsulated wire) Price per ft.		R-031	Hood Without damper, Ø 75 mm (3") Length: 0.2 m (.66").PKS System Code: T
	TPR-8		hesives SF-TPR provides outstanding performance and fatigue resistance. Super-flow's smooth interior design allows for superior flow and maximum efficiency. Features outstanding braison resistance, wide temperature range and superior chemical resistance. Thermo plastic rubber with wire encapsulated external wearstrip. Temperature range -60°F to +275°F		R-033 R-056	Hood With damper. Ø 125 mm (5") Length: 0.2 m (.66").  Hood With damper for PKS system or super-max 160mm (6.5") Ø 0.2m (.66")
			Black with yellow wearstrip, (available with and without encapsulated wire) Price per ft.		K-050	Those with damper for the system of super-max forming (6.5 ) B 6.211 (.60)
Hose	<u>Clamps</u>			Fans - Si	ngle Station and/or Dir	rect Mount (Motor Starter not included)
	HCS-1.25	Hose Clamps 1.25" (32mm) Ø			P-147	P-Max direct drive fan 0.5 HP 115V/1/60.
	HCS-1.5	Hose Clamps 1.5" (38mm) Ø Hose Clamps 10" (250mm) Ø		П	P-148	P-Max® direct drive fan 1 HP 115V/1/60.
	HCS-10 HCS-12	Hose Clamps 12" (315mm) Ø		ā	P-149-1	P-Max® direct drive fan 1 HP 115/1/60
П	HCS-14	Hose Clamps 14" (350mm)Ø			P-149-2	P-Max© direct drive fan 1 HP 208-230/460/3/60
<u> </u>	HCS-16 HCS-18	Hose Clamps 16" (400mm) Ø Hose Clamps 18" (450mm) Ø			P-152-2	P-Max® direct drive fan 2.0 HP <b>208-230/460/3/60</b>
	HCS-2	Hose Clamps 2-3" (50-75mm) Ø			P-152-3	P-Max® direct drive fan 2.0 HP 575-600V/3/60
	HCS-20	Hose Clamps 20" (500mm) Ø			SER-P-149-1.5-1-	Motor for P-149-1.5 fan, 115/230V, 1 phase.
	HCS-3 HCS-4	Hose Clamps 3" (75mm) Ø Hose Clamps 4" (100mm) Ø			115/230	
i i	HCS-5	Hose Clamps 5" (125mm) Ø		Fan Mou	nting Brackets	
	HCS-6	Hose Clamps 6" (150mm) Ø Hose Clamps 6.33" (160mm) Ø		П	P-016	P-Max Fan mounting bracket for Pro-Flex & Supermax Extraction Arms.
	HCS-6.33 HCS-7	Hose Clamps 7" (180mm) Ø			P-088	Fan mounting bracket for the Super-Max, Extractor Crane, Ply-Max, Pro-Flex or the component bracket PKS system. Comes c/w 125mm bracket (5") dia. inlet for hose or duct connect
	HCS-8	Hose Clamps 8" (200mm) Ø			P-089	Fan mounting bracket for the Super-Max, Extractor Crane, Ply-Max, Pro-Flex or the component bracket PKS system. Comes c/w 200mm bracket (8") dia. inlet for hose or duct connect
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CUSTOMER:				To the second		The device depicted and described hereon  Drawn by: Janos B  PKS EXTRACTION ARM
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