Exhaust & Supply airflow & pressure data nominated, is for this exhaust hood only. Consider total system requirements when sizing fan.





Electrical Connection - Light Circuit	
Approx. 2.5m 10amp plug & lead supplied a	It
LH end of hood for connection to 10amp	
connector.	

(10amp connector by others).

Electrical Connection - UV Power Circuit

Approx. 2.5m 15amp plug & lead supplied at LH end of hood for connection to 15amp connector.

(15amp connector by others).

- <u>General Notes:</u>
 Exhaust ducts need to fit inside the exhaust collars of t Where the supply air nominated is less than required to sources & not be directed towards the hood or cause Please see the Provisional Data Sheets for this installation

- Contractor to confirm installation height complies with

Stoddart must receive a drawing with all canopy details appl

Client: Nexfit Pty Ltd

			-		
		NAME	SIGNATURE	DATE	
	DRAWN			01-09-2021	DIMENSIONS ARE IN MILLIME
ΔRT	Qυ	ote No: 18	5440	Q-R	MATERIAL: 304 S/S
	We	ight:	¢,	1	THICKNESS: 1.2mm
	Surface A	vrea:	Ψ		FINISH: No.4
ddart.com.au	DO NOT S	CALE DRAWING	This drawing r	emains the p	property of Tom Stoddart Pty Ltd

					STODDART
REV.	NAME	DATE	DESCRIPTION	STATUS	
A	K Gray	01/09/2021	For information	Preliminary Issue Only	www.stoddar

File Location: \\SBRIHPV2\Files\14_Exhaust_Canopies\04_Projects\01_Tenders\Sea King

Fc ۹ppro۱	or approval, /e box or a	customer r dvise chang	nust either t es in Mark	ick the Up column.
Ca	anopy D	etails	Approve	Comments
	ltem No : MA	IN HOOD		
IALTON	N Model : UV	F (Make Up Air)		
	Type : Wa	, 		
C	Quantity : 1			
Total	Length : 2.7	5 (m)		
Tota	al Width : 1.3	5 (m)		
	Height : 0.6	5 (m)		
Fron	t Height : 0.6	5 (m)		
loor to	Canopy : 2.1	(m)		
Ceiling	Height : 2.7	(m)		
	Lights : 1 x L (400	_ED Box I0K)		
No. of S	Sections : 1			
otal Est	. Weight : 34() (kg)		
	Canop	y drawing	approved	by:
lame:				
lobile:			Date:	
	Ex	haust De	etails	
Mir Tota	nimum I Airflow	MAX STATIC PRESSURE @ Colla	ar Co	ollar Qty
900) (L/s)	190 (P	a)	2
	Sup	ply Air D	Details	
Tota	I Airflow	Supplied V	/ia By	/ Others
760	D (L/s)	760 (L/	(s) () (L/s)
	Fil	ters Red	quired	
ł	<sa< td=""><td>Full Blir</td><td>nd H</td><td>alf Blind</td></sa<>	Full Blir	nd H	alf Blind
	5	0		0
he hood	& be fully seal	ed so that any g	grease/oil returns	s back inside
drafts o ion for cr n AS1668	r turbulence of ucial design co :2 & NCC requi	the air under the siderations reg rements.	e hood. garding this prod	uct.
roved be	efore manufac	ture.		
lte Nu	em umber: MAIN I	HOOD		
ED: F ETERS	Project: CGMB Shop 1	CO PTY LTD , 43-45 North	Steyne, Man	ly
DV	VG No: 93185	59 MAIN HC	OD	
ABN 1600	9 690 251 & cannot b	pe reproduced without	ut prior permission. A	3 Sheet 1 of 1

Filter Data - At Full Load Capacity										
Filter No	Туре	Size	Capacity	Qty	S.P.	Pascal's				
1	G4/MERV8	600x600x100	0.90m3/s	1	55 Clean	125 Dirty	150 Overload			
2	F9/MERV15	600x600x600	0.90m3/s	1	125 Clean	250 Dirty	300 Overload			
3	H11/EU11	600x600x300	0.90m3/s	1	155 Clean	400 Dirty	550 Overload			
4	Granulated Carbon	605x562x25	0.08m3/s	12	65 Clean	140 Dirty	160 Overload			
	1 1		Total Filter Box	1	400 Clean	915 Dirty	1160 Overload			

	Pollustop					aust				Electrical		
Item No.	Model No.	Location	Qty	Inlet Collar	Outlet Collar	Air Flow	Static Pressure	Lights	UV	Exhaus	st Fan	
PST01	PST01	N/A	1	640x630	640 x 630	900	915	N/A	N/A	Ziehi-Abegg Plug Fan	415v 50Hz 7.0amp	?kw

Construction

50mm Sq Aluminium Post Frame Inner Panels - 1.15mm Gal Outer Panels - 0.55 Colourbond (Midnight Black) 50mm Insulated Panels All Outer Panel Seal with Sikaflex 3mm Gal Channel Base Frame







Stoddart Exhaust Hoods Technical Data Customer Name: Nexfit Pty Ltd Project Name : Sea King NSW EXHAUST CANOPY Item No. Qty Type Model Length Width Height Model Length Width Width Height Main PST01 1 Walt Walt Walt Walt Walt PST01 1 <th>t Ughts (W) No.Hood SOMM E Sections Dia A 1 x 20 watt twin LED 1 N/A tubes N/A 1 N/A N/A 1 N/A D 185440 TO STODDART THE FINAL SEL tital that the system achieves t the schaust plume and the effective the achieves that account of the wheel during</th> <th>EXHAUST AIRFLOW 1 Exhaust Airflow (U/S) Collar Pressure (Pa) Exhaust Collar (Pa) Exhaust Collar Collar 900 190 2 450 × 900 190 2 450 × 900 190 2 450 × 900 190 2 630 × 900 900 100 clean 915 dirty 2 630 × SELECTION OF COOKING EQUIPM rest the specified air-flows provided fectiveness of the KSA filters. account of pressure drops caused by re ion 100</th> <th>Supply Collise Size Airflow Collise 300 760 60 300 760 60 540 N/A N/A ENT. Collise Collise</th> <th>PLY AIRFLOW lar Supply sure Collar a) QTY 0 3 (A N/A /A N/A Contact Stodd bends, regist</th> <th>Supply Collar Size 250 Dia N/A</th> <th>Size No. Sequence</th> <th>MIST Flow ((L/MIN)@ 1Bar</th> <th>ING/WASH CON Cold Water Col Connect @ W Gabinet Con Ca</th> <th>Q ID 18 Quoter : Da Date : 1/09/ (ROLCABINETS J/Hot Hot Water ater If J/hot Hot Water If</th> <th>5440 Rev rryl Crossan 2021 Hot Water Connect @ Cabinet</th> <th>A Hot Water Connect @ Canopy</th> <th>COMMENTS Comments Canopy UV system connected to PST01 wall mounted control panel. Includes: - Prc filters (panel) 600 x 600 x 100mm - 21 off - Bag filters 600 x 600 x 300mm - 1 off - Activated carbon filters 600 x 505 x 525 x 25mm - 12 off - Activated carbon filters 600 x 505 x 25mm - 12 off - Activated carbon filters 600 x 505 x 520 x 25mm - 12 off - Activated carbon filter stages & adjusts VSD/fan to suit. - Remote monitoring of filter status NOTES Minimum of 1000mm access required on door side to change filters.</th>	t Ughts (W) No.Hood SOMM E Sections Dia A 1 x 20 watt twin LED 1 N/A tubes N/A 1 N/A N/A 1 N/A D 185440 TO STODDART THE FINAL SEL tital that the system achieves t the schaust plume and the effective the achieves that account of the wheel during	EXHAUST AIRFLOW 1 Exhaust Airflow (U/S) Collar Pressure (Pa) Exhaust Collar (Pa) Exhaust Collar Collar 900 190 2 450 × 900 190 2 450 × 900 190 2 450 × 900 190 2 630 × 900 900 100 clean 915 dirty 2 630 × SELECTION OF COOKING EQUIPM rest the specified air-flows provided fectiveness of the KSA filters. account of pressure drops caused by re ion 100	Supply Collise Size Airflow Collise 300 760 60 300 760 60 540 N/A N/A ENT. Collise Collise	PLY AIRFLOW lar Supply sure Collar a) QTY 0 3 (A N/A /A N/A Contact Stodd bends, regist	Supply Collar Size 250 Dia N/A	Size No. Sequence	MIST Flow ((L/MIN)@ 1Bar	ING/WASH CON Cold Water Col Connect @ W Gabinet Con Ca	Q ID 18 Quoter : Da Date : 1/09/ (ROLCABINETS J/Hot Hot Water ater If J/hot Hot Water If	5440 Rev rryl Crossan 2021 Hot Water Connect @ Cabinet	A Hot Water Connect @ Canopy	COMMENTS Comments Canopy UV system connected to PST01 wall mounted control panel. Includes: - Prc filters (panel) 600 x 600 x 100mm - 21 off - Bag filters 600 x 600 x 300mm - 1 off - Activated carbon filters 600 x 505 x 525 x 25mm - 12 off - Activated carbon filters 600 x 505 x 25mm - 12 off - Activated carbon filters 600 x 505 x 520 x 25mm - 12 off - Activated carbon filter stages & adjusts VSD/fan to suit. - Remote monitoring of filter status NOTES Minimum of 1000mm access required on door side to change filters.
Customer Name: Nexfit Pty Ltd Project Name : Sea King NSW EXHAUST CANOPY Item No. Qty Type Model Length Width Height MAIN HOOD 1 Wall UVF 2750 1350 650 PST01 1 Wall UVF 2750 1350 650 PST01 1 Wall PST01- 3800 730 840 Stdart Exhaut Hools Technical Data Q ID QID QID QID Stdart Exhaut Hools Technical Data QID QID QID QID Stdart Exhaut Hools Technical Data QID QID QID QID For the effective operation of Halton exhaust hoods it is essention is system the Following points should be within 60 Phumbing & Electrical Nots QID I'D raintain a consistent laminar flow fan selection should be within 60 Phumbing & Electrical Nots QID Vater-wash canopies require 45°C - 70°C hot water at 276/kPa Now points Should be Vater-Wash canopies require 45°C - 70°C hot water at 276/kPa Now points hould be within 60 Plumbing & electrical interconne	t Ughts (W) No.Hood SOMM E Sections Dia 1 x 20 watt twin LED 1 N/A tubes N/A 1 N/A N/A 1 N/A D 185440 TO STODDART THE FINAL SEL till that the system achieves t the schaust plume and the effective the achaust plume and the achaust pl	EXHAUST AIRFLOW Exhaust Collar Exhaust Exhaust Collar Airflow Pressure Collar OIY Collar Collar 900 190 2 450 × 900 190 2 450 × 900 190 2 630 × 900 915 dirty 2 630 × 900 SELECTION OF COOKING EQUIPM Extrement of pressure drops caused by reion	IST SUPPLY Colli- Size Airflow (Press (U/S) (Pa 3000 760 60 300 760 60 300 760 collection 300 co	PLY AIRFLOW lar Supply sure Collar a) QTY 0 3 (A N/A N/A Contact Stodd bends, regist	Supply Collar Size 250 Dia N/A	Size No. Sequence	MIST Flow (L/MIN)@ 1Bar	ING/WASH CON Cold Water Col Connect @ W Gabinet Con Cabinet Con	Quoter : Da Date : 1/09/ (ROL CABINETS i/Hot Hot Water ater Bar For 3 Minutes	rryl Crossan 2021	Hot Water Connect @ Canopy	COMMENTS Comments Canopy UV system connected to PST01 wall mounted control panel. Includes: - Pre fitters (panel) 600 x 600 x 100mm - 21 off - Bag fitters 600 x 600 x 300mm - 1 off - HEPA fitters 600 x 600 x 300mm - 1 off - Activated carbon fitters 605 x 552 x 25mm - 1 off - Activated carbon fitters 605 x 552 x 25mm - 1 off - Activated carbon fitters 605 x 552 x 25mm - 1 off - Activated carbon fitters 605 x 552 x 25mm - 1 off - Activated carbon fitters 605 x 552 x 25mm - 1 off - Activated carbon fitter status - Remote monitoring of fitter status NOTES Minimum of 1000mm access required on door side to change filters.
Project Name : Sea King NSW EXHAUST CANOPY Item No. Oty Type Model Length Width Height MAIN HOOD 1 Wall UVF 2750 1350 650 MAIN HOOD 1 Wall UVF 2750 1350 650 PST01 1 Wall PST01- B800 730 840 PST01 1 Wall PST01- B800 730 840 Stdart Erhaut Hoots Technical Date Q ID CI IS THE RESPONSABILITY OF THE CONTRACTOR TO VERIFY IS For the effective operation of Halton exhaust hoods it is essentioned in the exhaust hood Wine sizing the fan for this system the following points should be the start the following points should be the start the following points should be within 60 Plumbing & Electrical Nots Start exhaust systems include the patented Capture of the Vater-wash canopies require 45°C - 70°C hot water at 276/kPa flow profile to Capture of the Canopies require 45°C - 70°C hot water at 276/kPa flow profile to Capture of the Canopies require 45°C hot water at 276/kPa flow profile to Capture of the Captur	t Lights (W) No.Hood SoMM E. Dia A Drain A 1 x 20 watt twin LED 1 N/A tubes N/A 1 N/A N/A 1 N/A D 18.5440 Y OS TODDART THE FINAL SEL ntial that the system achieves t the schaust plume and the effective the schaust plume and the effective	EXHAUST AIRFLOW 1 Exhaust Airflow (L/S) Collar Pressure (Pa) Exhaust Collar (Pa) Exhaust Collar Collar 900 190 2 450 x 900 190 2 450 x 900 190 2 630 x 900 15 dirty 2 630 x 900 15 dirty 2 630 x SELECTION OF COOKING EQUIPM rest the specified air-flows provided fectiveness of the KSA filters. account of pressure drops caused by re ion 1	SUPPPI Collic ist Supply Collic Airflow Press (L/S) 60 300 760 60 540 N/A N/A S40 N/A N/A S40 Collic S40 C	PLY AIRFLOW Iar Supply Collar QTY 0 3 (A N/A Contact Stodd bends, regist	Supply Collar Size 250 Dia N/A	Size No. Sequence	MIST Flow ((L/MIN)@ 1Bar	ING/WASH CON Cold Water Col Connect @ W Cabinet Con Con Con Con Con Con Con Con Con Con	TROLCABINETS 3/Hot 4/Hot 4/Hot Hot Water Hot Water Bar For Bar For Minutes	2021	Hot Water Connect @ Canopy	COMMENTS Comments Canopy UV system connected to PST01 wall mounted control panel. Includes: - Pre filters (panel) 600 x 600 x 100mm - 21 off - Bag filters 600 x 600 x 000mm - 1 off - Activated carbon filters 600 x 500 x 52 x 25mm - 12 off - Activated carbon filters 600 x 500 x 502 x 25mm - 12 off - Activated carbon filters 600 x 500 x 502 x 25mm - 12 off - Activated carbon filter status - Remote monitoring of filter status NOTES Minimum of 1000mm access required on door side to change filters.
EXHAUST CANOPY Item No. City Type Model Length Width Height MAIN HOOD 1 Wall UVF 2750 1350 650 MAIN HOOD 1 Wall UVF 2750 1350 650 PST01 1 Wall PST01- 3800 730 840 Stdeart Exhaust Hoods Technical Data Q.ID Q.ID Q.ID Q.IT STHE RESPONSABILITY OF THE CONTRACTOR TO VERIFY T For the effective operation of Haton exhaust hoods it is essentities where requirements will severely reduce capture of the solution to allow grease to the associate thaninari flow fan selection should be within 60 Plumbing & Electrical NOK5 Electrical NOK5 Technical to allow grease to the associate than a consistent laminari flow fan selection should be within 60 Vater-wash canopies require 450 - 70°C hot water at 276kPa 100 wp rovision) are supplicights are wired to a junction box ready to be connected by oth or the action should be within 60 Vater-wash canopies require 450 - 10°C hot water at 276kPa 100 wp rovision) are supplied with set within 60 Plumbing & electrical interconnections between the canopy & control be for UV Hoods a control to is supplied, this must be wired according to Capture 34 tr Vation wash canopies	t Lights (W) No.Hood SOMM E. Sections Dia A Drain 1 & 20 watt twin ED 1 N/A twin ED 1 N/A N/A 1 N/A D 18.5440 Y TO STODDART THE FINAL SEL ntial that the system achieves to tf the exhaust plume and the effective to plenum. These do not take acco Id be haven of the wheel during a take action	EXHAUST AIRFLOW I Exhaust Collar Collar Collar Airflow Pressure Collar Collar Collar 900 190 2 450 x 900 190 2 450 x 900 190 2 630 x 900 900 195 dirty 2 630 x 900 900 195 dirty 2 630 x SELECTION OF COOKING EQUIPM Extreme provided Ectiveness of the KSA filters. account of pressure drops caused by re ion	ista Supply Colla Airflow Colla (Pa) 300 760 60 ista N/A N/A ista N/A N/A	PLY AIRFLOW Iar Supply Collar Collar O 3 /A N/A	Supply Collar Size 250 Dia N/A	Size No. Sequence	MIST Cold Water (s Flow to (L/MIN)@ 18ar	ING/WASH CON Cold Water Col Connect @ W Cabinet Con Con Ca Cabinet Con Ca Cabinet Con Cabinet Con Cabi	IROL CABINETS J/Hot Hot Water Flow Hot Water Flow Bar Fow Minutes	Hot Water Connect @ (Cabinet	Hot Water Connect @ Canopy	COMMENTS Comments Canopy UV system connected to PST01 wall mounted control panel. Includes: - Pre filters (panel) 600 x 600 x 100mm - 21 off - Bag filters 600 x 600 cm - 1 off - Bag filters 600 x 600 cm - 1 off - Activated carbon filters 605 x 562 x 25mm - 12 off - Activated carbon filters 605 x 562 x 25mm - 12 off - Activated carbon filters 505 x 562 x 25mm - 12 off - Activated carbon filter states: & adjusts VSD/fan to suit. - Remote monitoring of filter status NOTES Minimum of 1000mm access required on door side to change filters.
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Stadent Exhaust Hoods Technical beats Tot The RESPONSABILITY OF THE CONTRACTOR TO VERIFY To the effective operation of Halton exhaust hoods it is essentil • Failure to achieve these requirements will severely reduce capture of the • All pressures are in Pascals (Pa) and are calculated in the exhaust hood When sizing the fan for this system the following points should • The fan should be a backward inclined centrifugal fan to allow grease the • To maintain a consistent laminar flow fan selection should be within 60 Plumbing 8. Electrical Notes • Canopy lights are wired to a junction box ready to be connected by oth • Water-wash canopies require 45°C - 70°C hot water at 276kPa flow pre • Plumbing & electrical interconnections between the canopy & control be • For UV Hoods a controller is supplied, this must be wired according to Capture Jet <i>H</i> ir Halton exhaust systems include the patented Capture Jet design feature • KVI Models (those with make-up air provision) are supplied with sage • KVF Models (those with make-up air provision) must have external air supplied with sage • Water Masch and the set of the patented Capture Jet design feature • KVI Models (those with make-up air provision) must have external air supplied with sage • Water Masch (those full the patented Capture Jet design feature • KVF Models (those full the JUP model of UV For Set • KVF Models (those full the JUP model the JUP model to the set • KVF Models (those full the JUP model to the set • KVF Models (those full the JUP model to the set • KVF Models (those full the JUP model to the set • KVF Models (those full the JUP model to the set • KVF Models (those full the JUP model to the set • KVF Models (those full the JUP model to the set • KVF Models (those full the JUP model to the set • KVF Models (those the set • KVF Models (those full the set •	D 185440 Y TO STODDART THE FINAL SEL ntial that the system achieves t f the exhaust plume and the effecti od plenum. These do not take acco Id be taken into consideration a tha forcer off the wheel during	SELECTION OF COOKING EQUIPM res the specified air-flows provided fectiveness of the KSA filters. account of pressure drops caused by re ion	ENT. Ci istance of the duct, b	Contact Stodd bends, regist	lart if you re	require any furthe						
 Halton Ultra-Violet systems require enough ducting to ensure a minime. Discharge from ducts must be to external, open areas and not to rooms At low levels, or areas with accommodation over, some ozone may be elevels, or areas with accommodation over, some ozone may be elevels of not event of the one to eliminate or control smoke. Ultra-Violet systems are at optimum effectiveness when air temperature Ve do not recommend UV where air temperatures exceed 70degC. Exel Ultra-Violet does not eliminate or control smoke. Whilst Ultra-Violet can reduce odours, the system will not eliminate ode 6 cenerating high volumes of specific fats or cooking effluent may reduce UV systems, particularly the UV light assemblies, require regular cleani General Should dimensions of the canopy or specification of the equipment unc The perforated make-up air panels on the front of some canopies shou 	Gove a solution of the meet during of others unless specifically stated in the pressure (allowable range is betwee o low are to be carried out by others o our instructions which requires ini irse. To ensure the Capture Jet syste separate Capture Jet fans which are ir supplied via a suitable duct and fa mum of 2 seconds coone reaction ti oms or any enclosed spaces. e evident at the point of discharge. tures are 42degC within the exhausi Excessive temperatures generated odour as this depends on many emvi use performance. Please advise Sto aning to remain effective. The frequ	ring operation. rect static pressure and proper capture. in the quotation by Stoddart. tween 140 - 415kPa flow pressure). thers unless specifically stated in Stodd es interconnection with the fan circuit. system is operates correctly: h are wired to the integral fluorescent lii nd fan (supplied by others) according to con time for the system to function effec rige. We strongly recommend the instal aust duct. Temperatures above or belo ted by cooking processes will also void environmental factors outside the cont e Stoddart of cooking processes and me requency will depend on the applicatior urmation originally supplied Stoddart mr.	rt's quotation. hts. Where non-stan the data above. vively. ation of additional act whis will mean a rec varranty on compone ol of the exhaust sysl fums prior to use, fo st be advised so that	ndard lighting eduction in the ents. Contact stem. for further adv	g is supplied on filters in e effectiven : Stoddart if vice. reviewed 8	other filtration. ed these fans will n the duct for thes ness of the systei if you require furt & revised.	need to be wi need to be wi se application: m. ther informati	of this data. ired separately s (not covered ion about exha	on-site. in this quotation) ust air temperatu	res.		