



Quotation Reference: Fugro GB Marine Ltd – WD020925-03

10th March 2026

Fugro GB Marine Ltd
Victory House
Unit 16, Trafalgar Wharf
Hamilton Road
Portsmouth
PO6 4PX

For The Attention of Ryan Coombes

Dear Ryan,

RE: Benthic Fume Extraction

Thank you for your recent enquiry and the courtesy extended to me during my visit to site, as requested, please find as follows our proposals and quotation for your requirements as per discussions during the visit. Should our interpretation of your requirements not be as you would wish, please do not hesitate to contact us to revise this quotation.

Sinks:

Operation: Benthic Sieving Laboratory
Hazards Identified: Formalin Fumes
Hazard benchmarked: E – Needs to be controlled as low as reasonably practicable
Method of Capture: New Receiving Hoods above the 5 sinks.

Design Criteria – Fan 1:

The system has been designed to extract 6000 M3/hr at a minimum of 10 m/s through the extraction ducting, this will allow for 3 hoods to be in use at any time.

Please note explosive atmospheres are subject to DSEAR Regulations for which suitable guidance should be sought.

Design Criteria – Fan 2:

The system has been designed to extract 4000 M3/hr at a minimum of 10 m/s through the extraction ducting, this will allow for 2 hoods to be in use at any time.

Please note explosive atmospheres are subject to DSEAR Regulations for which suitable guidance should be sought.

Scope of Works

TES engineers to supply and install:

- A new TES AL-750 5.5kW, 3 phase, 2 pole extraction fan to serve the 3 hoods over the 3 sinks.
- A new TES AL-550 4kW, 3 phase, 2 pole extraction fan to serve the 2 hoods over the 2 sinks.
- 5 new receiving hoods will be provided (1 above each sink).
- A new galvanised steel ducting scheme will be provided for each fan to connect to the hoods.
- A new galvanised steel discharge will be provided for each fan to rise to above gutter height and discharge via a weather jet cowl.
- 2 new inverters will be provided as loose equipment (1 for each fan).

Total Extraction Solutions Ltd
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Company No: 4722979

We need full unhindered access to all work areas during our visit, if we are stopped from working due to production requirements/access this will incur additional labour charges as this price is based on working freely.

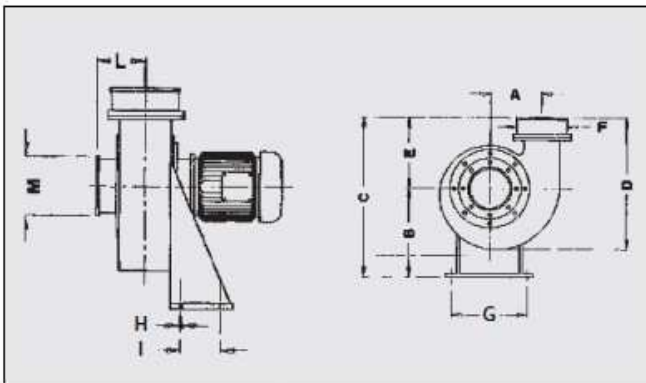
Machines to be covered

Machine	Airflow Required M ³ /hr	Connection Type	Header duct Size Diameter	Ductwork Transport velocity
Sink 1	2000	New 1.2mtr x 0.8mtr receiving hood	250mm	10m/s
Sink 2	2000	New 1.2mtr x 0.8mtr receiving hood	355mm	10m/s
Sink 3	2000	New 1.2mtr x 0.8mtr receiving hood	400mm	10m/s
Sink 4	2000	New 1.2mtr x 0.8mtr receiving hood	250mm	10m/s
Sink 5	2000	New 1.2mtr x 0.8mtr receiving hood	355mm	10m/s

Fume Extraction Units

The fume extraction units will be sited externally.

AL-750:



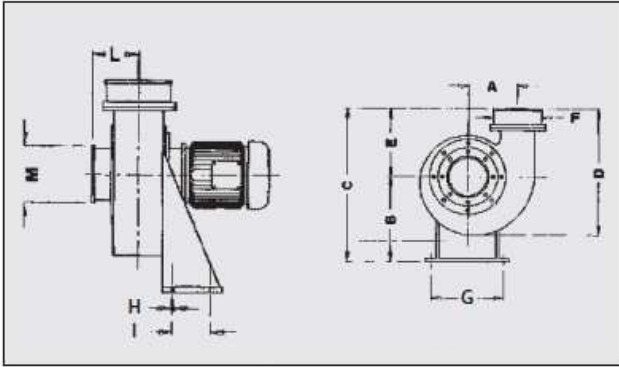
Model	A	B	C	D	E	F,M (../C)	F,M (../D)	G	H	I	L	Kg	HP	kW	R.P.M	dB
AL-750	321	560	1080	935	520	300 R*	355 L*	337	12	237	201	118	7,5	5,5	2800	84

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AL-550



Model	A	B	C	D	E	F,M (./C)	F,M (./D)	G	H	I	L	Kg	HP	kW	R.P.M	dB
AL-550	286	500	965	835	465	250 R*	315 L*	289	12	197	187	82	5,5	4	2800	81

Storage Area:

Operation: Benthic Storage Area

Hazards Identified: Formalin Fumes

Hazard benchmarked: E – Needs to be controlled as low as reasonably practicable

Method: 15 air changes an hour.

Design Criteria:

The system has been designed to extract a maximum of 8000 M3/hr at a minimum of 5 m/s through the extraction ducting, this will allow for approximately 15 air changes an hour.

Please note explosive atmospheres are subject to DSEAR Regulations for which suitable guidance should be sought.

Scope of Works

TES engineers to supply and install:

- A new TES AL-750 5.5kW, 3 phase, 2 pole extraction fan to serve the storage room.
- 2 new ceiling grilles will be provided to go into the ceiling tiles to allow high level extraction and 2 new drops will go down to floor level grilles to allow for low level extraction,
- A new galvanised steel ducting scheme will be provided for the fan to connect to the ceiling grilles and floor grilles.
- A new galvanised steel discharge will be provided for the fan to rise to above gutter height and discharge via a weather jet cowl.
- A new inverter will be provided as loose equipment.

We need full unhindered access to all work areas during our visit, if we are stopped from working due to production requirements/access this will incur additional labour charges as this price is based on working freely.

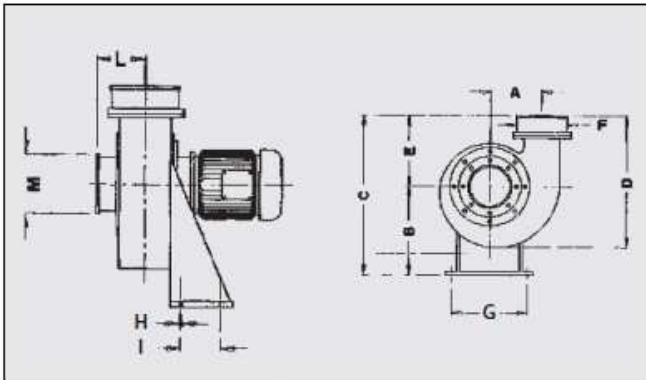
Room to be covered

Room	Airflow Required M ³ /hr	Connection Type	Air Changes an hour	Ductwork Transport velocity
Benthic Storage Area	4000/8000	2 new ceiling grilles and 2 new floor level grilles	15/30	5/10m/s

Fume Extraction Units

The fume extraction units will be sited externally.

AL-750:



Model	A	B	C	D	E	F _M (L/C)	F _M (L/D)	G	H	I	L	Kg	HP	kW	R.P.M	dB
AL-750	321	560	1080	935	520	300 R*	355 L*	337	12	237	201	118	7,5	5,5	2800	84

Noise:

The Control of Noise at Work Regulations 2005 requires employers to assess and control the noise exposure of their employees. It sets lower and upper exposure action values and limit values for noise averaged over a working day or week and for peak noise events. The exposure limit values (ELVs) must never be exceeded.



If the daily or weekly upper exposure action value (UEAV) is exceeded (average noise exposure 85 dB(A) or above) then mandatory hearing protection, designation of hearing protection zones and employee health surveillance (hearing tests) are required. We will fit an airflow silencer to the inlet and outlet side of the extraction fan to dampen the airflow noise by up to 10dB(A), these will all be 1200mm long. To help keep the outlet noise to a minimum we have enlarged the ducting size on two fans, , we will also install anti-vibration collars to stop any vibration/noise travelling up and down stream of the fan, this is to help satisfy the noise report from Syntegra Consulting ref: 26-16285 PNA.

Airflow Monitor:

TES to supply and install airflow monitoring devices to the LEV System.



These are strongly recommended by HSE and are mentioned in HSG258 paragraph 106. The airflow monitors give the operators a clear visual indication that the hood is working properly and should be fitted to each hood. If the airflow drops below the set threshold, the monitor will display a flashing cross to advise action needs to be taken to prevent exposure.



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Commissioning

Upon completion of the works, we will provide Commissioning, balancing, testing and Certification of the system. It should be noted that this does not form part of the contract, discount structure or the terms of payment.

Exclusions: Our contract price excludes all electrical, civil and pneumatic installation works. To facilitate the electrical works you will need to source a suitably qualified electrician experienced in single/three phase works, with an NVQ Level 3 qualification in Electrical Installations and ECS card as a minimum. Call outs due to incorrect wiring will be chargeable. We can price for electrical connections at your request separately.

This price will be held firm for a period of 30 days from the date hereof.

Delivery: we will endeavour to meet your reasonable requirements, however at this time approximately 6-8 weeks upon receipt of official order number at this time.

Guarantee: of all new materials and workmanship for a period of 12 months from the date of completion, subject to the systems being used correctly.

RPE/PPE: Due to the nature of the hazard, PPE/RPE should continue to be worn to complement the level of control provided by the LEV. It is important that the RPE provided is adequate and appropriate to ensure wearer's protection. RPE must be worn correctly and kept in a good condition.

Terms: 25% deposit with order, 75% on a strictly 30 day account. All goods are sold with retention of title and remain the property of Total Extraction Solutions Limited until paid for in full. Unless you give express written notice to the contrary, acceptance of this quotation will be deemed to constitute an acceptance of our terms in full. Our terms can be downloaded at <http://www.totalextraction.co.uk/Terms.pdf>

Deviations: Any changes requested to the agreed installation which implicates additional materials and man hours will be quoted for as extras, and no work will commence until a price has been agreed and an official order has been received.

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Please Note: Upon completion of the above system, it will require testing and certification at a minimum of 14 monthly intervals as per Regulation 9 of the COSHH Act. We can offer a fixed price contract for a three year period or, alternatively, can quote for annual testing.

I trust that the quotation meets with your requirements. Should you need any further information, please do not hesitate to contact me on the number below by or via e-mail.

Yours sincerely,

Will Dowsing

CoC (Control), LFOH(s)

Area Sales Manager

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