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From Jamie Rawe  
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Tel +44 (0)1329 821205  
Date 16/02/2021  
Enq. No. 100020304R1

Thank you for your enquiry for CO2 Gas Cooler (Searle Products). We have pleasure in submitting our offer for your consideration.

Model offered	Duty (kW)	Ambient (°C)	Gas Inlet Temp. (°C)	Gas Inlet Press. (Bar)	Gas Outlet Temp. (°C)	Coil Material	No.	Net Price Each £ (GBP)	Total Net Price £ (GBP)
<b>GF-MA102G4H-091M-AMHE-10FPI</b>	62.7	32	104	86.4	35	CU/AM	1	<b>3,779.86</b>	<b>3,779.86</b>
Option	Additional cost for Heresite Coated ALMG Fins (AMHE)							3,685.25	3,685.25
Option	Fan Mounted Isolators							166.60	166.60
Option	1 x REMOTE/NONE (EC-FCB) Fan Box (EC)							720.79	720.79
Option	Additional cost for K65 Connections							110.74	110.74
Option	Hinged Fanplates							980.00	980.00
Option	Fan Monitoring							468.00	468.00
Option	1000mm One Piece Legs (Instead of Standard 500mm Legs)							253.82	253.82
Option	Mesh Around Leg Perimeter							1,275.25	1,275.25
Option	150mm Galv Steel Base Frame							1,170.00	1,170.00
Option	Base Frame Mesh							588.58	588.58
Option	Timed UK Mainland Delivery							469.00	469.00
	Total of above with options							13,667.89	<b>13,667.89</b>

Comments: SITE INSPECTION: £445 net extra (one visit per site per year).  
OLD UNIT COLLECTION: £282 net extra per unit.  
STORAGE: £34 net extra per unit per week.

Availability – Currently **10 - 12** working weeks if ordered today, Ex-works, from date of full & final written instructions and is subject to technical clarification. Please check with our office before ordering.

The Optional Remote/None (EC-FCB) box: 0-10 volt signal from customer's controller/BMS with NO controls. Includes terminals for common motor fault. Circuit Breakers. Steel control box with rain shield mounted on the connection end. One main isolator for 3 phase and neutral. The signal from customer's BMS controller to main motor/s is 0-10 volts (DC). (Excludes 24v transformer & Anti-condensation heater). Please contact our office regarding motor communication connectivity/protocols.

Delivery DAP UK - UK Mainland delivery between the hours 9am - 5pm, Mon to Fri is included. For deliveries outside these hours, the following fixed charges will apply per vehicle:- Weekday out of hours £200, Timed Deliveries (+/- 1hr) +£100, Weekend deliveries £350. HIAB delivery (if offered above) is Curbside drop only.

Our offer is for manufacture & delivery (If included) only; off-loading, installation, testing & commissioning is not included unless otherwise stated. Delivery changes within 2 weeks or specification changes within 5 weeks of delivery may incur additional charges.

The above prices are those which would be quoted to a bona fide Refrigeration / Air-conditioning contractor having a current trading account with Kelvion Limited.

The above offer is valid for : - **30 Days** & is subject to Kelvion Limited standard terms & conditions of sale, available upon request.

We trust you have sufficient information to enable you to proceed. If you require any further assistance please do not hesitate to contact me.

Best Regards

**Jamie Rawe** (Applications Engineer)



Searle Quotation CSR-05684747/100020304R1

FAO: GLEN COLLINS  
 From: Jamie Rawe  
 Feb 16, 2021

GF-MA102G4/5684747	
Model	GF-MA102G4H-091M-AMHE-10FPI
Refrigerant	R744
<b>Trans Critical Conditions</b>	
Duty [tc]	kW 62.7
Ambient [tc]	°C 32.0
Mass Flow Rate [tc]	kg/s 0.3
Gas Pressure [tc]	barg 86.4
Gas Inlet Temp [tc]	°C 104.0
Gas Outlet Temp [tc]	°C 35.0
Pressure Drop [tc]	kPa 101
<b>Sub Critical Conditions</b>	
Duty [sc]	kW
Ambient [sc]	°C
Mass Flow Rate [sc]	kg/s
Gas Inlet Temp [sc]	°C
Condensing Temp	°C
Pressure Drop [sc]	kPa
<b>Fan Data</b>	
Sound Pressure Level	dB(A) 25 @ 10 m
Mean Sound Pressure Level	dB(A) 27 @ 10 m
Sound Power Level	dB(A) 59
Sound Spectrum 125 Hz	dB 56
Sound Spectrum 250 Hz	dB 54
Sound Spectrum 500 Hz	dB 55
Sound Spectrum 1 kHz	dB 57
Sound Spectrum 2 kHz	dB 50
Sound Spectrum 4 kHz	dB 46
Sound Spectrum 8 kHz	dB 38
Air Volume	m <sup>3</sup> /s 4.2
Input Power (Total)	kW 0.250
Energy Rating	
Rows Of Fans	1
Fans Per Row	2
Electrical Supply	V/Φ/Hz 400/3/50
Fan Speed	rpm 340
Control Voltage for EC Fansets	V 3
Starting Current Per Fan	A 0.7 (4.2 max)
Full Load Current Per Fan	A 0.5 (3.0 max)
<b>Unit Data</b>	
Tube/Fin Material	CU/AM
Heresite Coated	No
Max. Operating Pressure	bar 120
Max. Operating Temperature	°C 150
Sections per Unit	1
Circuits per Section	12
Surface Area	m <sup>2</sup> 172
Internal Volume	dm <sup>3</sup> 16
Inlet Connection	1 x 1-1/8" K65 (OD 28.57 mm)
Outlet Connection	1 x 1-1/8" K65 (OD 28.57 mm)
Connection Ends	Same End
Overall Width	mm 1130
Overall Height Inc 750mm legs	mm 2053
Overall Length	mm 2815
Dry Weight	kg TBC
PED Category	1

**For Illustration Purposes Only**

