



	Variable Details	
	mm	inches
Immersed Length 'A'	675	26.6
Thermostat Pocket Length 'B'	250	9.8
Inactive Length 'C'	50	2.0
Bundle Diameter 'D'	50	2.0
Stand-Off Length 'E'	100	3.9
Flange Thickness 'F'	N/A	N/A
Flange Diameter 'G'	N/A	N/A
Vessel Length	925	36.4
Vessel Height	114	4.5
Vessel Width	114	4.5
Nozzle Length	0	0.0

FOR REFERENCE USE ONLY

THIS IS NOT A MANUFACTURING DRAWING AND IS SUBJECT TO CHANGE WITHOUT NOTICE



Heater Model Description

FP-MLH9L(S)

EXHEAT Drawing Number

SQ046603N

Revision

0

Item Number

046603N.01.02

Power Rating		Certification			
Heater Rating	9kW	Certification	ATEX		
Power Supply Configuration	Single Phase	Terminal Box Type	RFA		
Power Supply Voltage (V)	220	IP Rating	IP66		
Power Supply Frequency (Hz)	50/60	T-Class	T4		
Incoming Cable Size Connection	Client to connect direct to elements	Terminal Box Material	Powder Coated Cast Aluminium		
Thermostats Wired in Series with Elements	No	Construction			
Element Index Element Data		Weight (kg)	20		
Number of Elements	3	Boss Type	BSP BOSS 2.5"		
Element Type	Rod	Boss Material	SS316		
Element Diameter (mm)	10	Paint System	Powder Coated		
Sheath Material	Stainless Steel 316/316L			Colour	Body RAL 9007 & Lid RAL 2010
Watt Density (W/cm ²)	7.59	Test Pressure	24		
Watt Density (W/inch ²)	48.96	Sensors & Controls			
Heater Installation	Horizontal	Process (Control) (1)	STEM - SPST AR 279mm 5/80°C		
Process Information		Process (Control) (2)	NONE		
Medium	Water	Process (Control) (3)	NONE		
Design Temperature	95°C	Process (Control) (4)	NONE		
Working Pressure (bar g)	16	Over Temp/Element (Limit)	STEM - SPST MR 279mm 45/95°C		
Ambient Temperatures	-40°C to 40°C	Box Cut Out	NONE		
Connections		Secondary Enclosure	NONE		
Cable Entry Type (1)	1 x M25	Additional Information			
Cable Entry Type (2)	1 x M20	Material	Stainless Steel		
Cable Entry Type (3)	NONE	Inlet	1" BSP		
Cable Adapter (1)	N/A	Outlet	1" BSP		
Cable Adapter (2)	N/A	Vessel Size	MLH Long		
Cable Adapter (3)	N/A				

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