## Compressed Air Dryer and Filtration Unit | 800 x 800 x 300 mm

For use with the IRmadillo Process Analyser



🔊 IRmadillo

## **Technical Specifications**

General	Value		
Manufacturer / Distributor	Air Kraft		
Model numbers (whole unit)	Air Kraft: DFU01-110V-01-800-SS		
	Air Kraft: DFU01-230V-01-800-SS		
Compressed air dryer model type	Atlas Copco: CD 1+ (Heatless adsorption compressed air dryer)		
Enclosure model type	ECOR ECOR8-830X		
Internal part numbers (components and	See Keit DOC0837 user manual		
consumables)			
Materials	Enclosure & door (lockable): 1.5 mm stainless steel AISI 304L		
Dimensions (cabinet, exterior)	W 800 x H 800 x D 300 mm		
	Allow 850 mm in front of unit to open door		
Additional space requirements	Allow 60 mm beneath unit for protruding parts		
	Allow access for inlet / outlet ports on left and right of unit		
Weight (total)	67 kg		
Maximum distance from IRmadillo (purge	100 m		
tubing)			
Number of IRmadillos per air dryer (max)	10		
Air inlet fitting	Female ¼" NPT		
Air outlet fitting	Female ¼" NPT		

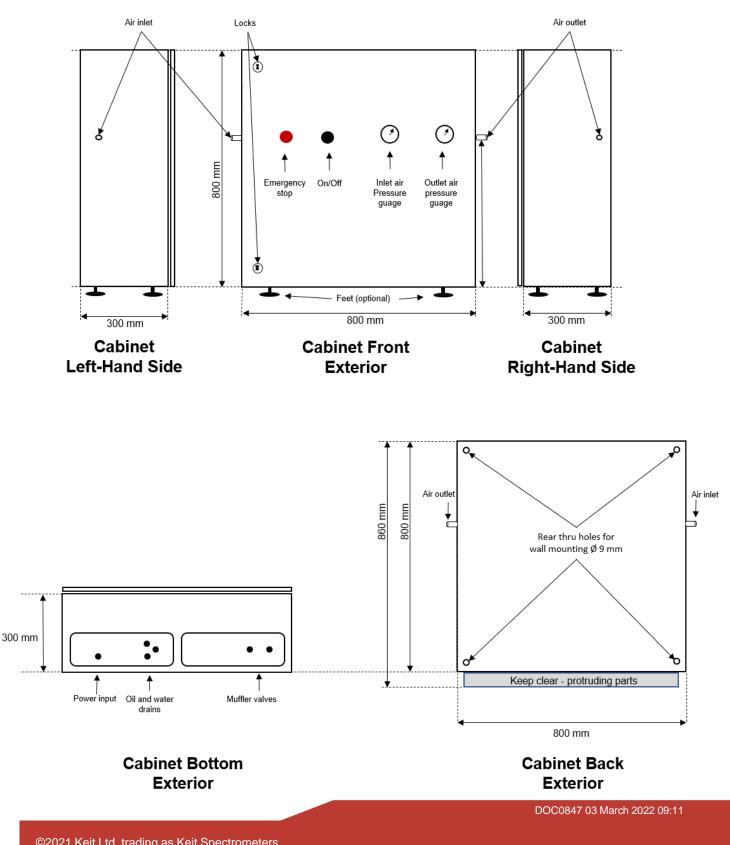
Power Supply	Value
Voltage (Standard, model number DFU01-230V-01-800-SS)	230 VAC
Voltage (Option, model number DFU01-110V-01-800-SS)	110 VAC
Recommended supply type	Single phase, 13 A
Approximate maximum load	100 W
Recommended fuse	5 A

Limits	Units	Min	Recommended	Max
Compressed air inlet pressure	bar(g)	6	7	10
Ambient temperature	°C	-10	-	55
Inlet Compressed air temperature	C°	1.5	35	60
Inlet Compressed air humidity	%RH	0	-	100
Inlet Compressed air flow	L/s	-	-	1

Compressed Air Quality to ISO 8573-1	Particulate	Water	Oil
Inlet compressed air quality - minimum requirement	5	-	4
Outlet compressed air quality	1	2	1

Other	Value
Enclosure protection rating (door shut and locked)	IP55, NEMA 4X
Mounting	Keit recommends wall-mounting the unit, but it may also be free- standing. There are 4 rear thru holes for wall mounting ( $\emptyset$ 9 mm).
Maintenance schedule	6 month check and replace filters. See Keit DOC0837 user manual.





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