

Specifications

Dual 'Push-Push' Type Safe Change Filters	Filters	2 x Push 150 HEPA filter – G14 efficiency to EN1822
	Filter Media	Glass filter paper
	Frame	ABS Plastic
	Seal	TPE Plastic
	Bag out port	Twist and lock port cover
Hoses	Hose Length	4m
	Material	Translucent PVC Hose with high tensile steel helix centrally positioned. Food quality.
		Temperature: -40°C up to +150°C
End Connections	Hygienically swaged 316 stainless steel 1.5" tri-clamp end fittings	
Air Supply	Supply Air Flow:	710 l/min.
	Max Static Pressure	6 bar
	Connection	12mm push in type
DOP Test Connections	Downstream connection	8mm push in type
	Upstream connection	8mm push in type
	Gassing point	1.5" BS4825 Tri-Clamp connection
Extraction	Connection	25mm (1") hygienic ball valve with XXmm (1.5") BS4825 tri-clamp
	Extraction Rate	Minimum extraction rate 1300 l/min.
Gauge	2 x Magnehelic differential pressure gauge for exhaust filter. independent for primary and secondary filters. Safe operating limits indicated by green and red banding.	
Mounting configuration	Wall mounting: Two piece bracket for customer to affix to wall or frame (it is the customer's responsibility to ensure the location for mounting is suitable to support the skid assembly).	
	Free standing: Floor standing 304L Stainless steel frame.	
	Mobile: 304L Stainless steel with nylon castors, hose support.	
Controls	Fully pneumatic	Stop (single push to stop); Start (single push to start); E-stop.
	Required supply	Compressed air at 6 BarG (to be supplied by customer)
	Supply Air Flow Gauge	Range - 4-25 SCFM Air
Connections	Air Supply	12mm Push in
	Exhaust	3" Tri-clamp (BS4825)
	Earth Point	M6 Stud fixed to filter housing
Approximate Weights	Floor Standing	62kg
	Mobile	62kg
	Wall Mounted	40kg
Noise	80db (when measured at 1m from the Extraction Unit). Silencer is available as optional extra.	
Operating Temperature	Minimum: 5°C Maximum: 30°C	
Materials of Construction	Filter Housing	304L Stainless Steel (External 0.8um Ra surface, finish filter tube internal 0.40.04 um Ra
	Start stop and differential gauges must be horizontal	
Installation	Proximity to valve: less than 4m from ChargePoint valve Active unit.	
	Free from vibration	
	None Atex version available upon request	
ATEX Classification	None Atex version available upon request	
FAT	Performed and documented for each unit supplied	
Documentation	Full operation & maintenance user manual with technical data and material certification is available in electronic or hard copy printed versions	