



NEW: AHUv3 MINI

Air Handling Units

We are pleased to introduce the 1 pump AHUv3 Mini, the latest addition to our extremely popular family of Air Handling Units.

The Meech AHUv3 range is integral to the CyClean, VacClean and ShearClean systems. The AHUv3 range includes:

- **NEW: AHUv3 Mini - 1 pump**
- **AHUv3 Compact - 2 pump**
- **AHUv3 Standard - 3 pump**
- **AHUv3 Standard - 6 pump**

The AHUv3 provides the positive and vacuum pressure airflows and houses the system filters. It is of robust design and requires minimal maintenance.

Features & Benefits

- **Fully touch screen controlled**
Allows a clear graphical display of the system settings and status whilst also making initial setup very fast.
- **Interlocks and signals**
An interlock for remote start/stop of the AHUv3 ensures the system is always running during production. Signals for filter condition and to show the system is running are also provided.
- **Automatic vacuum pressure control**
Removes the requirement of ongoing operator adjustment. A consistent level of cleaning is achieved for the full life of the filter, resulting in a consistent end product.
- **On-board ionisation**
Power for the ionisation power supply is taken directly from the AHUv3, meaning only one main electrical supply is required for the system installation.

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Filtration

Excellent filtration is paramount in any web cleaning system. The Meech AHUv3 range has two levels of filtration:

■ F8 Grade Bag Filter

Efficiency of 90-95% at 0.4 μ or 100% at 1 μ

Dual layer filter

- AHUv3 Mini surface area: 0.24m²
- AHUv3 Compact surface area: 0.7m²
- AHUv3 3 and 6 pump surface area: 2m²

■ H14 Grade HEPA Filter

Efficiency of 99.997% at 0.3 μ

- AHUv3 Compact surface area: 4.5m².
- AHUv3 3 and 6 pump surface area: 7.5m²



Specifications

	Mini -1 Pump		Compact -2 Pumps		AHUv3 -3 Pumps		AHUv3 -6 Pumps	
Output:	1.1kW		2.2kW		3.3kW		6.6kW	
Capacity:	366 m ³ /hr		733 m ³ /hr		1100 m ³ /hr		2200 m ³ /hr	
Weight:	22kg		70kg		95kg		105kg	
Noise level:	68dBa		69dBa		72dBa		78dBa	
Full Load Current:	Line	Neutral	Neutral	Line	Neutral	Line	Neutral	Line
FLC:	@240V: 6A*	@240V: 7A	@ 400V: 11.3A	@ 400V: 8.1A	@ 400V: 11.5A	@ 400V: 6.9A	@ 400V: 23A	@400V: 13.8A
FLC:	@110V: 12A*	@110V: 12A	@ 200V: N/A	@ 200V: 17A	@ 200V: N/A	@ 200V: 12.5A	@ 200V: N/A	@ 200V: 25A
	* Including 2 x 924IPS bars							
Electrical supply:	110V/240V 1ph		200- 440V 3ph 50/60Hz					
Size (mm):	H520 x D300 x W450		H925 x D450 x W450		H925 x D750 x W750			
Exhauster:	Turbine Fan							
Filters:	Bag: 90-95% @ 0.4 μ HEPA: 99.997% @ 0.3 μ Inline: 90-95% @ 0.4 μ							
Stainless steel:	Grade 430							