



BREATHING INNOVATION INTO YOUR OPERATING THEATRE

Interfurn's AIR-FLEX^{CURVE} UCV Canopy provides a unique, adaptable and sleek, flush fitting circular or rounded corner solution, suitable for ultraclean operating theatres and clean rooms, whether a new build or retrofit project.

The AIR-FLEX^{CURVE} UCV Canopy offers a unique, adaptable and sleek, flush fitting circular or rounded corner UCV option, suitable for ultraclean operating theatres and clean rooms, whether a new build or retrofit project.

By removing the canopy corners, air turbulence is eliminated making the AIR-FLEX^{CURVE} up to 22% more energy-efficient in comparison to most conventional square and rectangular designs. The flush fitting, skirtless design provides maximum flexibility in operating theatre design, allowing pendants and other equipment to be manoeuvred easily in or out of the clean zone without obstruction.

The AIR-FLEX^{CURVE} pushes HEPA-filtered air through double layers of woven fabric, providing a low-turbulence airflow

within the clean zone. This eliminates sudden pressure drops and maintains a temperature differential of only 0.5°C within the clean zone.

Fully HTM 03-01 compliant and available tailored to fit the dimensions of your theatre space, the AIR-FLEX^{CURVE} is a highly effective UCV canopy, which provides a comfortable, draught-free ultraclean theatre environment with low noise emissions.

All new AIR-FLEX UCV canopies come with up to 5 years extended warranty completely FREE when you take out one of our service & maintenance plans.*

* Ts&Cs apply - visit www.interfurn.co.uk for details.



FEATURES

- **CIRCULAR DESIGN**
Sleek circular or rounded corner flush fitting design provides reduced air turbulence within the theatre clean zone.
- **REDUCED AIR TURBULENCE**
Removing the corners eliminates air turbulence, providing up to 22% more energy-efficiency than most standard canopies.
- **REDUCED NOISE EMISSIONS**
Improved sound attenuation, typically below NR45, improving the theatre environment for both clinical teams & patients.
- **EVEN AIR DISTRIBUTION**
Eliminates sudden pressure drops, reduces operating costs and maintains a 0.5°C temperature differential.
- **CUSTOM SIZE OPTIONS**
Designed to fit the dimensions of your theatre space, making the AIR-FLEX^{CURVE} adaptable for all kinds of installation.
- **HTM 03-01 COMPLIANT**
All Interfurn UCV canopies easily achieve HTM 03-01 standards, providing a regular servicing regime is implemented.

TECHNICAL SPECIFICATIONS

AIR-FLEX ^{Curve}		Circular Ø 3.1 metre	Circular Ø 3.8 metre
Clean Zone Area		3.1 diameter	3.8 diameter
Discharge Air Velocity	3m FFL	≥0.45 m/s	
	2m FFL	≥0.38m/s	
Fresh Air Volume		According to HTM 03-01 - minimum 800l/s	
Fresh Air Connection		Before the circulating fan, alternative in side of canopy.	
Noise Level		With WFU <55 dB(A)	
Terminal Unit Size		Ø 3 100 x (550-750) mm	Ø 3 800 x (550-750) mm
Terminal Unit Weight		Approx 270kg	Approx 380kg
Mounting Height		To suit application	
Control Panel Size		If WFU: 130 x 70mm	
Electrical Supply		230v	230v
Typical Running Current	Clean Filters	4.55A	4.55A
	Mid life of filters		
	Dirty Filters	5.11A	5.11A
Typical Energy Load	Clean Filters	772W	772W
	Mid life of filters		
	Dirty Filters	892W	892W
Standards		HTM03-01 (2021)	



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