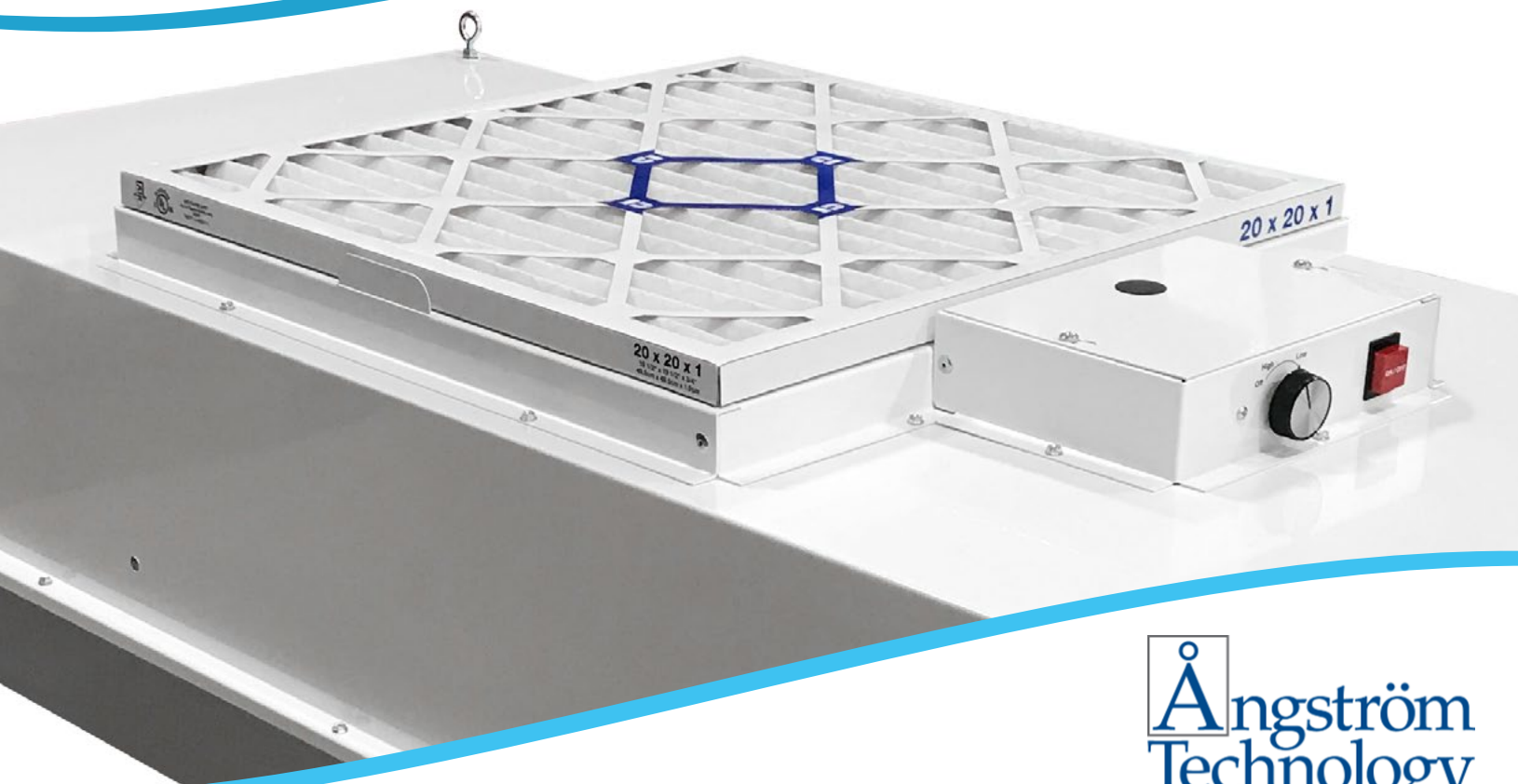


# Meet your most dedicated fans.

No matter the critical environment you need to control, you will appreciate the price, performance, and quiet operation of Technical Air Products' motorized fan filter units (FFU). FFU's deliver clean air through high-efficiency particulate air (HEPA) filters, or ultra-low penetration air (ULPA) filters. Our quiet and efficient motorized filter modules are designed to achieve ISO 4 (Class 10) levels of air cleanliness. Technical Air Products offers a wide variety of sizes, metal construction, and motor types/voltages to better meet your needs. Whether you are looking for a single FFU with a power cord to make your work area cleaner, or you are looking for a smart, fully automated laminar flow cleanroom, Technical Air Products has a solution for you.





Let's clear  
the air.





# Control the air flow in your critical environment.

## SPX FILTER MODULES

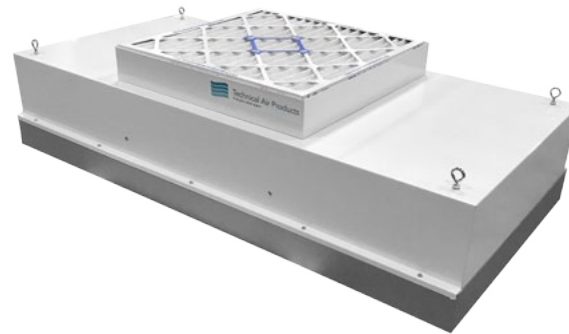
The **SPX** is Technical Air Products' standard FFU, offering customers a great combination of price, performance and quiet operation. The SPX is our lowest priced FFU, and can reliably deliver over 700 CFM.

### Standard Features

- High Efficiency Particulate Air (HEPA) filter – 99.99% efficient @ 0.3 microns.
- Painted white, expanded metal face screen.
- Non Room-side Replaceable (Non-RSR).
- ¼ HP permanent split capacitor (PSC) motor.
- 120V.
- Variable speed control with an 8' power cord.
- Powder coated 20-gauge steel construction.
- 30% efficient ASHRAE prefilter – 1" thick

### Optional Features

- ULPA or PTFE filters.
- Perforated powder coated steel, stainless steel (304 or 316), or anodized aluminum face screen.
- Room-side Replaceable (RSR), or Room-side Replaceable Everything (RSRE).
- 220V, or 277V.
- Prewired to a control panel.
- Stainless steel (304 or 316), or aluminum construction.
- 30% efficient ASHRAE prefilter – 2", or 4" thick.



Nominal Size	Dimensions	Max CFM	Watts at Max CFM	CFM at 90 FPM	Watts at 90 FPM
4x2	47.62" L x 23.62" W x 12.50" H	680	436	638	384
3x2	35.62" L x 23.62" W x 12.50" H	540	428	472	340
2x2	23.62" L x 23.62" W x 12.50" H	435	381	306	248
4x2 (RSR/RSRE)	47.62" L x 23.62" W x 15.00" H	650	450	533	375
3x2 (RSR/RSRE)	35.62" L x 23.62" W x 15.00" H	490	416	382	314
2x2 (RSR/RSRE)	23.62" L x 23.62" W x 15.00" H	415	380	253	220

\*Data from typical setup using 1" prefilter and standard HEPA filter. Results will vary depending on filter media used.

# Conserve your power, and your air quality.

## ENERGY EFFICIENT (EE)

The **SPX-EE** is Technical Air Products' energy-efficient FFU, capable of delivering over 800 CFM, while operating under 200 watts. The 120V EE fan filter unit is UL listed, and is perfect for any application in which power conservation is important.

### Standard Features

- High Efficiency Particulate Air (HEPA) filter – 99.99% efficient @ 0.3 microns.
- Painted white, expanded metal face screen.
- Non Room-side Replaceable (Non-RSR).
- ¼ HP permanent split capacitor (PSC) motor.
- 120V, UL Listed.
- Variable speed control with an 8' power cord.
- Powder coated 20-gauge steel construction.
- 30% efficient ASHRAE prefilter – 1" thick

### Optional Features

- ULPA or PTFE filters.
- Perforated powder coated steel, stainless steel (304 or 316), or anodized aluminum face screen.
- Room-side Replaceable (RSR), or Room-side Replaceable Everything (RSRE).
- 220V.
- Prewired to a control panel.
- Stainless steel (304 or 316), or aluminum construction.
- 30% efficient ASHRAE prefilter – 2", or 4" thick.



Nominal Size	Dimensions	Max CFM	Watts at Max CFM	CFM at 90 FPM	Watts at 90 FPM
4x2	47.62" L x 23.62" W x 13.25" H	670	197	638	202
3x2	35.62" L x 23.62" W x 13.25" H	600	194	472	200
2x2	23.62" L x 23.62" W x 13.25" H	480	183	306	175
4x2 (RSR/RSRE)	47.62" L x 23.62" W x 15.75" H	620	198	533	203
3x2 (RSR/RSRE)	35.62" L x 23.62" W x 15.75" H	530	194	382	194
2x2 (RSR/RSRE)	23.62" L x 23.62" W x 15.75" H	412	179	253	166

\* Data from typical setup using 1" prefilter and standard HEPA filter. Results will vary depending on filter media used.

# Controlled environments, now with even more control.

## ELECTRONICALLY COMMUTATED MOTOR (EC)

The **SPX-EC** is Technical Air Products' most feature rich FFU, offering customers the highest level of performance and control. The electronically commutated motor is a variable speed motor which automatically ramps up or down to keep a consistent air flow. When teamed with an auto-control card, the SPX-EC fan filter unit can provide customers with a completely automated clean air environment.

### Standard Features

- High Efficiency Particulate Air (HEPA) filter – 99.99% efficient @ 0.3 microns.
- Painted white, expanded metal face screen.
- Non Room-side Replaceable (Non-RSR).
- 1/3 HP electronically commutated, variable speed motor (ECM).
- 120V.
- Variable speed control with an 8' power cord.
- Powder coated 20-gauge steel construction.
- 30% efficient ASHRAE prefilter – 1" thick
- Basic control card with manual rpm adjustment.



### Optional Features

- ULPA or PTFE filters.
- Perforated powder coated steel, stainless steel (304 or 316), or anodized aluminum face screen.
- Room-side Replaceable (RSR), or Room-side Replaceable Everything (RSRE).
- 220V, or 277V.
- Prewired to a control panel.
- Stainless steel (304 or 316), or aluminum construction.
- 30% efficient ASHRAE prefilter – 2", or 4" thick.
- Auto-control cards, consoles and sensors available for varying degrees of automation

Nominal Size	Dimensions	Max CFM	Watts at Max CFM	CFM at 90 FPM	Watts at 90 FPM
4x2	47.62" L x 23.62" W x 14.50" H	800	595	638	353
3x2	35.62" L x 23.62" W x 14.50" H	675	555	472	231
2x2	23.62" L x 23.62" W x 14.50" H	580	494	306	140
4x2 (RSR/RSRE)	47.62" L x 23.62" W x 17.50" H	740	572	533	271
3x2 (RSR/RSRE)	35.62" L x 23.62" W x 17.50" H	615	536	382	181
2x2 (RSR/RSRE)	23.62" L x 23.62" W x 17.50" H	510	470	253	132

\* Data from typical setup using 1" prefilter and standard HEPA filter. Results will vary depending on filter media used.

# Maximum air flow, for minimum contaminants.

## HIGH HORSEPOWER (HP)

If maximizing air flow is what you need, the Technical Air Products' **SPX-HP** fan filter unit is for you. The SPX-HP boasts a maximum air flow of 1,000 CFM. With a powerful 1/2 horsepower motor, the SPX-HP FFU has the least amount of CFM drop when used with more efficient filter media. For instance, the SPX-HP still delivers over 900 CFM when used with a high-efficiency ULPA filter.

### Standard Features

- High Efficiency Particulate Air (HEPA) filter – 99.99% efficient @ 0.3 microns.
- Painted white, expanded metal face screen.
- Non Room-side Replaceable (Non-RSR).
- 1/2 HP permanent split capacitor (PSC) motor.
- 120V.
- Variable speed control with an 8' power cord.
- Powder coated 20-gauge steel construction.
- 30% efficient ASHRAE prefilter – 1" thick



### Optional Features

- ULPA or PTFE filters.
- Perforated powder coated steel, stainless steel (304 or 316), or anodized aluminum face screen.
- Room-side Replaceable (RSR).
- 220V.
- Prewired to a control panel.
- Stainless steel (304 or 316), or aluminum construction.
- 30% efficient ASHRAE prefilter – 2", or 4" thick.

Nominal Size	Dimensions	Max CFM	Watts at Max CFM	CFM at 90 FPM	Watts at 90 FPM
4x2	47.62" L x 23.62" W x 14.50" H	960	984	638	832
3x2	35.62" L x 23.62" W x 14.50" H	890	825	472	611
4x2 (RSR)	35.62" L x 23.62" W x 17.50" H	785	749	382	549
3x2 (RSR)	35.62" L x 23.62" W x 15.75" H	530	194	382	194

\* Data from typical setup using 1" prefilter and standard HEPA filter. Results will vary depending on filter media used.

