

TECHNICAL SPECS: S300 FX-GX  
**STAND ALONE UV/FILTER AIR PURIFIER**

**Description**

The S300FX is a combination Ultraviolet and Filter Air Purifier with a powerful motor fan. The S300FX is designed to filter and purify the harmful pollutants and odors, other chemical and biological contaminants. It can be used in smoking rooms, garbage rooms, change room, clean room etc... with the appropriate options.

**MOTOR:**

- Purifier fan motor: direct drive centrifugal fan with backward curved blades: unit can be positioned upright or sideway
- Motor only: 115 volts, 1.25 amps, 230 volts, .62 amp backward impeller - 115 V (part MSCMTR11), 230V (part MSCMTR7)
- 300 cfm (no load)

**UNIT:**

- Painted aluminum casing , 33pounds (15 KG)
- Dimension : 17" w x 13" d x 31" h (43.2cm X 32.7cm X 79.5 cm)
- Whole unit consumption: 120v- 2.25a, 230v 1.18a, 270 watts
- One round exhaust 8 inches, one round intake 8 inches
- One access door for the motor and the filters; one for the lamp assembly
- Plunger switch on door access. 6 feet - 3 prong computer cord
- Two speed – 200 & 300 cfm
- Aluminum reflector for the UV lamp with access to change lamp
- Filter section: 1 x 2 inches 12"x 16" pre filter, 1 x 2.5 inches 12"x 16" HEPA
- Whole unit insulated: 59db at 5ft , ducted 54db at 5 ft

**Standard equipment**

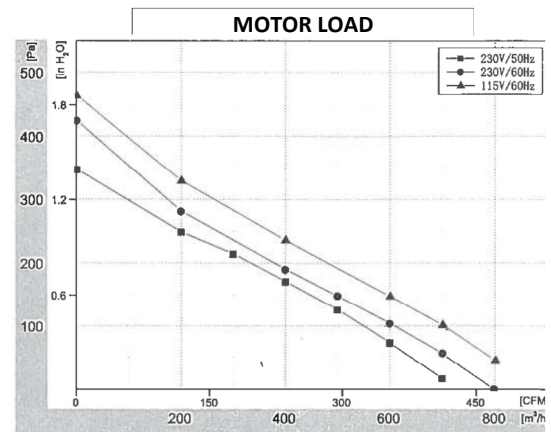
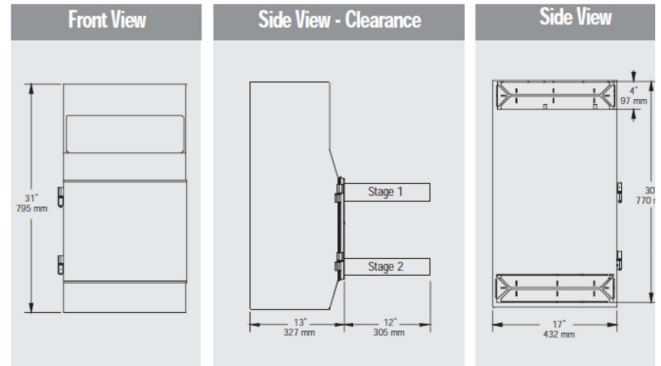
- 1 x 10.5 inches J Lamp (part LMPRGXJ105) with 17 inches UV-C(germicidal)/1 inches UV-V (oxidation)
- 1 x 2 inches pleated pre-filter 12 x 16 (part MSCFTR10), 1 x 2.5 inches HEPA 99,97% effective with particles down to 0.3 microns (part MSCFTR11)
- 1 x ballast with LED , 110/220V (part BST120/277GL)
- **Warranty:** ballast-3 years, motor-3 years, lamp-2 years (commercial)

**Specifications**

Stand-alone 300CFM unit in a light chassis for air treatment; combines high efficiency filter with high UV efficiency treatment where the lamp is parallel to the airflow and encase in a highly reflective aluminum case. UV lamp will provide high output germicidal UVC and if needed UV-V oxidation to attack chemical and odours.

**OPTIONS**

- **For Smoking room, Nails Salon, diesel odors etc...**
  - **SUBKITVOCS300:** factory installed VOC kit option includes (1) VOC sensor, (1) BST120/277GL ballast and (1) LMPRXJ105 UV-V "J" all oxidation lamp.
- **For clean rooms, hospital, computer rooms**
  - **SUBKITCROS300:** factory installed clean room option includes (1) 99.97% HEPA filter, (1) BST120/277GL ballast and (1) LMPRGJ160 UV-C "J" germicidal lamp.
- **For garbage rooms**
  - **SUBKITOZDS300:** factory installed OZD kit option includes (1) ozone controller set to .025ppm, (1) BST120/277GL ballast and (1) LMPRXJ105 UV-V "J" all oxidation lamp.



MODEL	QTY	COMMENTS	PROJECT :	Drawings for  ○ information ○ approval
			LOCATION :	
			ARCHITECT :	
			ENGINEER :	
			CONTRACTOR :	