

Technical Datasheet

Exdron Smart DC FFU Stainless Steel

Exdron Smart Filter Fan Units (FFU) are designed to provide clean air to individual Laminar flow workstations or entire Cleanrooms.

Due to special construction the filter downstream velocity is very consistent and the noise level is very low. The filter Fan Unit is designed with a DC EC motor, which gives high efficiency in power consumption and has an extremely long life time.

Stainless Steel Casing Can be Used in Cleanroom up to ISO 3

Part Number	Description
EXD-FFU-120DCSS	Exdron Smart DC FFU 120X60X26cm Stainless Steel Comes with: 1 units of HEPA Filter (EXD-HEPA-120DC-SS) 1 unit of Pre-Filter (EXD-FFU-120DCSS-PF)



Specifications:

Description:	DC \ EC motor FFU
Casing material:	Stainless Steel 430
Size:	120X60X26cm
Blade Material:	Aluminum
Filter:	HEPA H14
Filter efficiency	99.99 @ MPPS (H14)
Prefilter:	Nylon Mesh
Accreditation	UL, CE, CMA
Motor:	DC, EC, 1 Phase, 220V 50/60 Hz
Motor Speed:	1150 rpm
Power Consumption:	120 w
Air Volume:	1200 M3/H
Air Velocity:	0.45 M/S \pm 20%
Differential Pressure:	80 Pa
Sound Level:	47 db
Weight (Without Filter):	20 kg



Optional Accessories:

Part Number	Description
EXD-FFU-120DCSS-PF	Prefilter for Exdron Smart DC FFU 40.5X40.5X2cm
EXD-FFU-120DCSS-HEPA	HEPA filter for Exdron Smart DC FFU 119.5X59.5X7cm Filter efficiency 99.99 @ MPPS (H14)
EXD-FFU-120DCSS-CONT	Exdron Smart DC FFU Controller