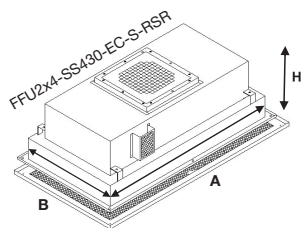
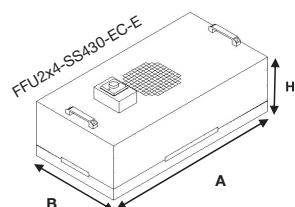


FFU-Fan Filter Unit



AF-FFU-RSR



AF-FFU-STD

APPLICATIONS

- FFU provides clean air for cleanrooms, operating rooms, laboratories, and electronics manufacturing.
- It helps control dust and microorganisms, ensuring product quality and safety.
- FFU is essential in pharmaceutical, food, and medical storage environments.

STRUCTURAL PROPERTIES

EBM-PAPST centrifugal fans and motors (Germany): High efficiency, green technology, ModBus/BMS connection, minimum 40,000-hour lifespan, thermal overload protection, compliant with vibration, balancing, and shock standards.

MGT HEPA/ULPA filters (Turkey): 100% MPPS test report acc. EN1822, low initial pressure drop, anodized aluminum frame, polyurethane gasket, glass fiber or PTFE media.

Controller: Fan speed control via TRIAC/DIAC, EC fan control via RS485 (local or remote), supports large fan groups, wall-mount HMI touch panel for remote HEPA filter and fan group monitoring.

Optional equipment/accessories: HEPA filter differential pressure sensor, fan cone differential pressure sensor, Ethernet Gateway for grouping and controlling multiple fans via Modbus, wall-mounted HMI for local monitoring.

Model	RSR Size AxBxH mm	STD Size AxBxH mm	Air Flow m³/h	Filter Size WxHxD mm
FFU-2x2-EC-E	680x680x442	615x615x342	600	610x610x69
FFU-2x2.5-EC-E	832x680x442	767x615x342	750	762x610x69
FFU-2x3-EC-E	984x680x442	919x615x342	900	915x610x69
FFU-2.5x3-EC-E	984x832x442	919x767x342	1150	915x762x69
FFU-2x4-EC-E	1289x680x442	1224x615x342	1200	1220x610x69
FFU-2.5x4-EC-E	1289x832x442	1224x767x342	1499	1220x762x69
FFU-2.5x5-EC-E	1594x832x442	1529x767x342	1872	1524x762x69
FFU-4x4-EC-E	1240x1240x442	1175x1175x342	2207	1170x1170x69
FFU-2x2-EC-L	680x680x280	615x615x180	600	610x610x69
FFU-2x2.5-EC-L	832x680x280	767x615x180	750	762x610x69
FFU-2x3-EC-L	984x680x441	919x615x341	900	915x610x69
FFU-2.5x3-EC-L	984x832x441	919x767x341	1150	915x762x69
FFU-2x4-EC-L	1289x680x441	1224x615x341	1200	1220x610x69
FFU-2x2-EC-S	680x680x465	615x615x365	600	610x610x110
FFU-2x2.5-EC-S	832x680x465	767x615x365	750	762x610x110
FFU-2x3-EC-S	984x680x465	919x615x365	900	915x610x110
FFU-2.5x3-EC-S	984x832x465	919x767x365	1150	915x762x110
FFU-2x4-EC-S	1289x680x465	1224x615x365	1200	1220x610x110
FFU-2x2-EC-F	680x680x280	615x615x180	600	610x610x69
FFU-2x2.5-EC-F	832x680x280	767x615x180	750	762x610x69
FFU-2x3-EC-F	984x680x280	919x615x180	900	915x610x69
FFU-2.5x3-EC-F	984x832x442	919x767x342	1150	915x762x69
FFU-2x4-EC-F	1289x680x442	1224x615x342	1200	1220x610x69
FFU-2.5x4-EC-F	1289x832x442	1224x767x342	1499	1220x762x69
FFU-2.5x5-EC-F	1594x832x442	1529x767x342	1872	1524x762x69
FFU-4x4-EC-F	1240x1240x442	1175x1175x342	2207	1170x1170x69