

UFO-FL

FILTRATION-VENTILATION UNIT
FOR LASER AND PLASMA METAL CUTTING

APPLICATION

- It is designed for cleaning air from dust contaminants generated during industrial processes such as laser or plasma metal cutting (dry dust only, free from moisture, sticky substances, corrosive agents, and materials that pose an explosion hazard).

FEATURES

- compact design
- unit equipped with cartridge filters
- easy-to-use 70-litre dust container
- control automation system
- pneumatic filter-cleaning system
- additionally sound-insulated fan

ADVANTAGES

- effective removal and separation of dust generated during laser metal cutting
- elf-cleaning filters using compressed-air pulses
- convenient access to the dust container
- built-in spark arrestor

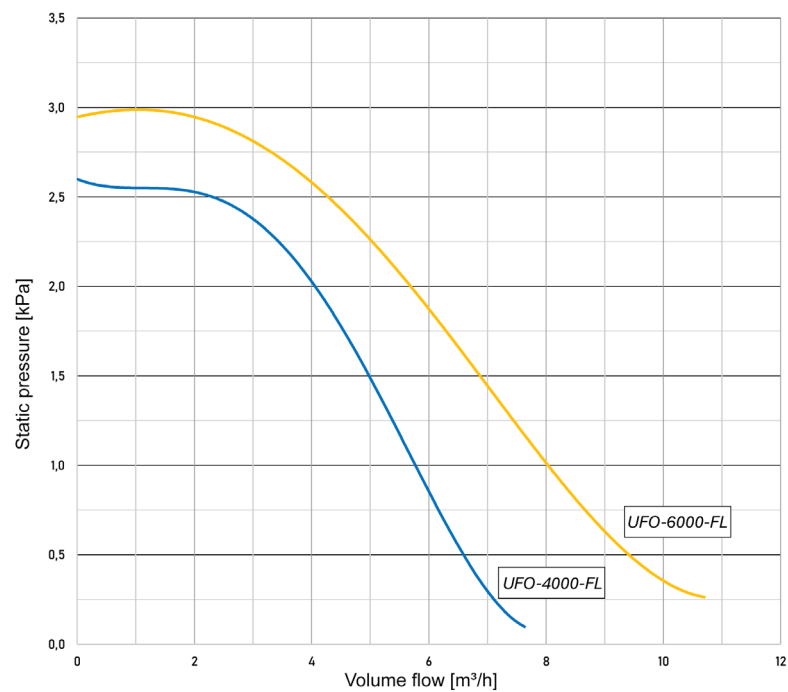


TECHNICAL DATA

Type	Part No	Nominal airflow rate [m³/h]	Maximum airflow rate [m³/h]	Maximum vacuum [Pa]	Weight [kg]	Sound pressure dB (A)	Motor power [kW]	Voltage [V]	Inlet diameter [mm]	Outlet diameter [mm]
UFO-4000-FL	905U41	4 000	7 800	2 600	910	76 ^{1,2}	5,5	3x400	Ø315	Ø400
UFO-6000-FL	905U42	6 000	10 500	3 000	925	78 ^{1,2}	7,5	3x400	Ø400	Ø500

1. The sound pressure level was measured at a distance of 1 m from the unit at the nominal airflow rate.
2. The unit generates impulsive noise during the operation of the automatic cartridge-filter cleaning system.
NOTE: Maximum dust load: 3 g/m³.

PRESSURE DROP CURVE



OVERALL DIMENSIONS

