

PROTON

FILTRATION OF WELDING DUSTS
AND OIL MIST



APPLICATION

- filtration of contamination emitted during processes with emission of dry dusts, viscous dusts and oil mist, e.g. during the welding of oil-laden steel sheet, tool cooling with water-oil emulsions, etc.

FEATURES

- net filter at the device inlet
- fan – located at the suction side of the electro-filter
- ionizer section
- absorber section

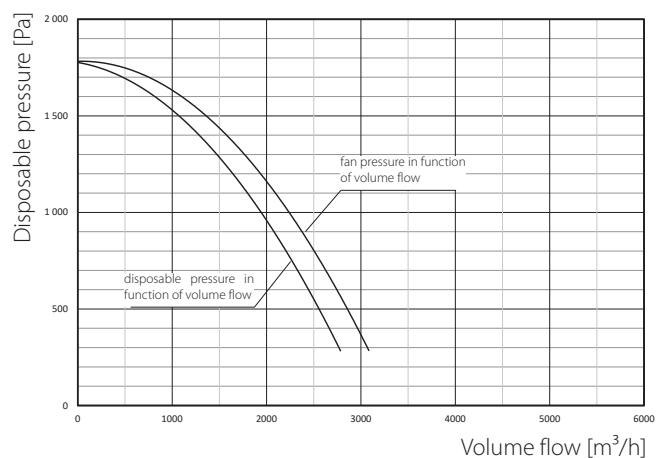
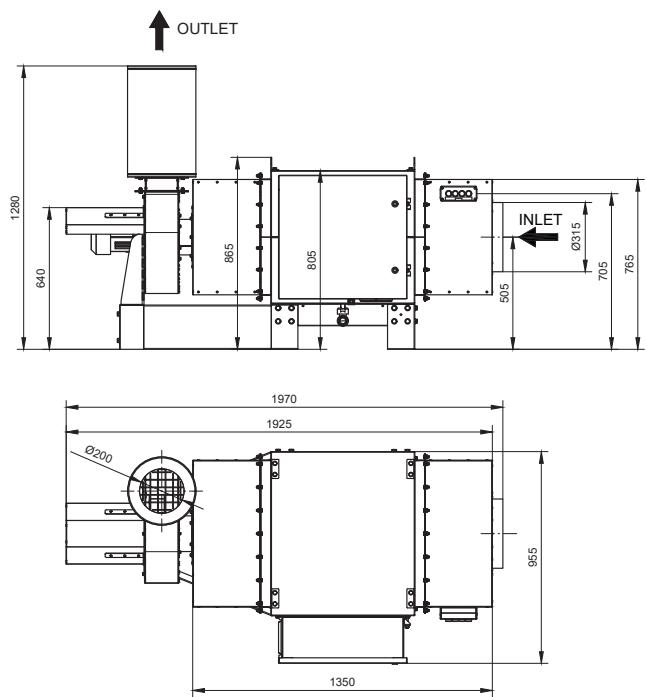
ADVANTAGES

- the device is manufactured in three sizes: 2000, 4000 and 8000 m³/h
- filtration efficiency: 98%
- convenient system of cleaning the filtration section
- low power consumption

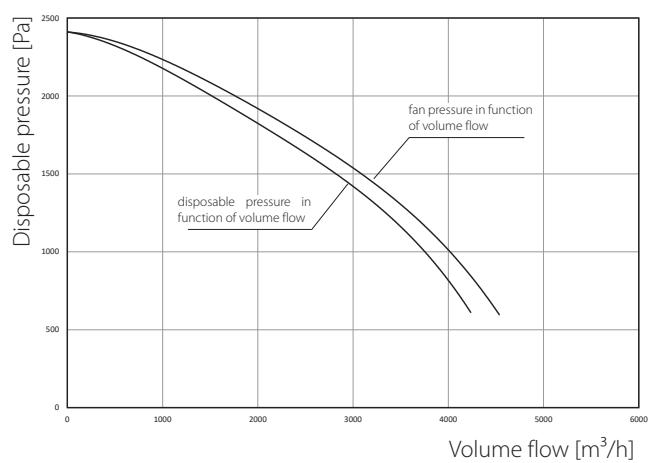
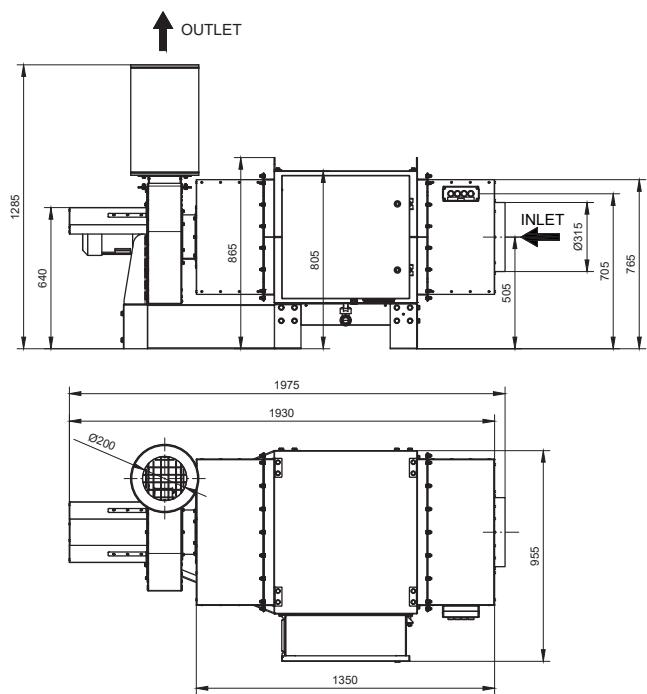
TECHNICAL DATA

Type	Part No.	Maximum volume flow [m ³ /h]	Maximum vacuum [Pa]	Supply voltage [V]	Motor rate [kW]	Acoustic pressure level [dB(A)] from distance:		Weight [kg]
						1 m	5 m	
PROTON 2000	800E00	2500	1800	3x400	1,1	74	60	198
PROTON 4000	800E01	4000	2400	3x400	2,2	82	68	218
PROTON 8000	800E02	8000	2950	3x400	5,5	87	74	397

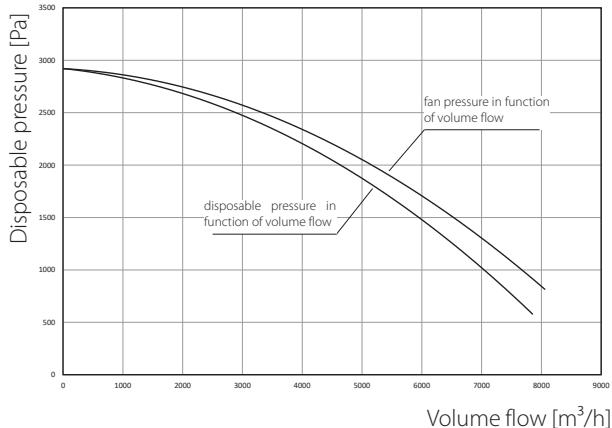
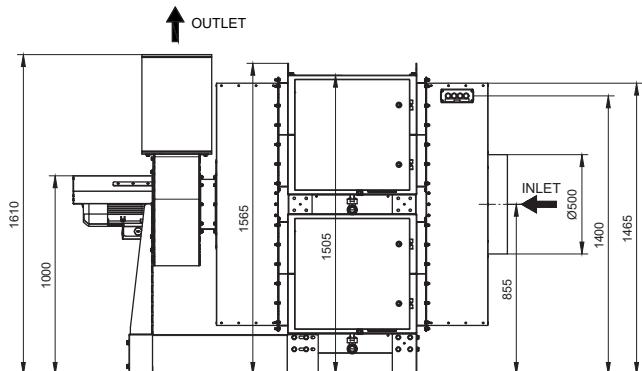
PROTON-2000



PROTON-4000



PROTON-8000

**ADDITIONAL EQUIPMENT****RINSING BATH**

	Type	Part No.	Remarks
	P-PROTON	800E10	A container for washing through the absorber section – equipped with a drainage valve.