

PV Aeration Tower

Vertical (stripping) stainless steel **PV Aeration Tower** manufactured by **VODASERVIS s.r.o.** serves to intensively aerate the water with air oxygen and to vent volatile gases. **Water flow** ranges from **0.2 to 144 m³/hour**. The design is **all-stainless steel** with plastic contact filling. The materials used are also suitable for **contact with drinking water**. Production technology and used materials are **a guarantee of a long service life** with no further repairs, coatings and wear changes.

The basic types of **PV** are with a stand (**PVS**) and without a stand, with the possibility of placing it directly on the accumulation tank (water tank).

The aeration towers are delivered complete ready for installation. Part of the tower is a contact plastic filling with unpainted PVC, PVC pipe water splash connection, connecting material, silicone sealant, fan, exhaust and air intake. In the case of PVS, the tower is supplied with a stainless steel stand.

Usage: removal of radon, chlorinated hydrocarbons, excess CO₂, hydrogen sulfide, methane or other volatile gases.



Quality assurance of PV aeration towers:

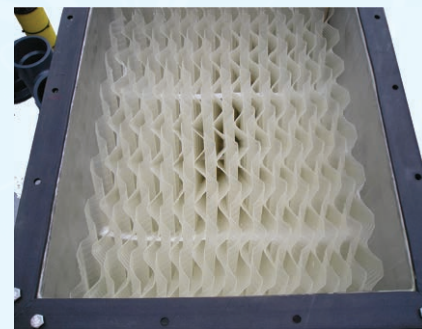
- Leaching test according to Decree of the Ministry of Health 409/2005 Coll.
- Quality Management System Certificate ČSN EN ISO 9001: 2009
- Environmental Management System Certificate ČSN EN ISO 14001: 2005

Benefits:

- High quality Czech product
- Long service life
- Energy efficient operation
- High capacity and efficiency
- Robust design
- Available spare parts
- Connection of tower components for easy inspection of contact fillings
- Suction plastic fan
- Customized

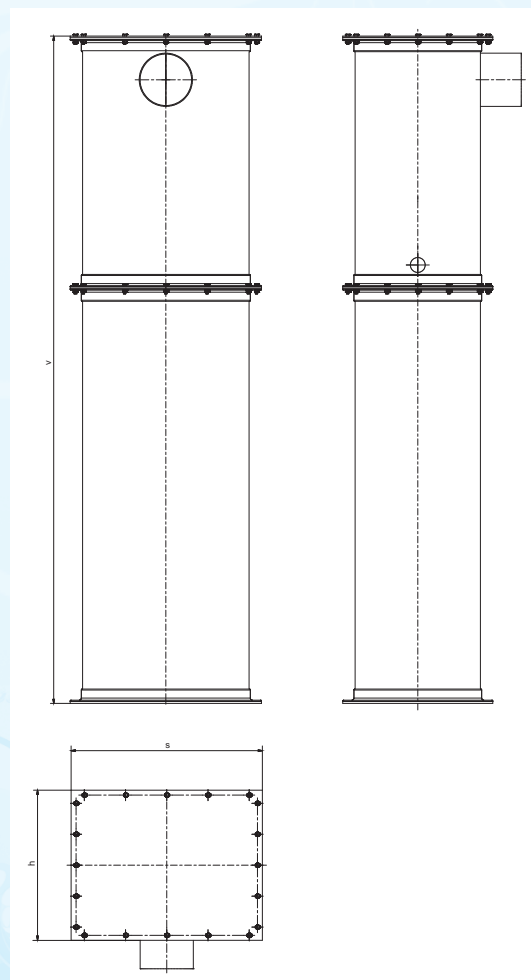
Modifications:

- Made of high quality stainless steel material - 1.4401, 1.4541, 1.4571, etc.
- Made of plastic material (polypropylene **PVP** tower)
- Design with other dimensions for water and air
- Design with other water and air inlet and outlet



PV Aeration Towers basic parameters:

Type	Output (m ³ /hour)	Dimensions (mm) width/depth	Dimensions (mm) height	Water Connection (mm)	Air Connection (mm)
43	6	400/300	1600	32	100
431			2600		
44	7	400/400	1600	32	100
441			2600		
64	12	600/400	1600	40	125
641			2600		
66	22	600/600	1600	63	160
661			2600		
86	34	800/600	2000	75	200
861			3000		
96	38	900/600	2000	90	200
961			3000		
88	48	800/800	2000	90	250
881			3000		
98	58	900/800	2000	110	250
981			3000		
99	65	900/900	2000	110	250
991			3000		
18	86	1200/800	2000	125	315
181			3000		
19	110	1200/900	2000	160	355
191			3000		
11	144	1200/1200	2000	160	355
111			3000		



The height of the towers is increased by 1 m as required.

Non-pressurized equipment. Working temperature from + 5 °C to 45 °C. Control voltage 220V/50Hz. Installed fan output max. 0.2kW.

