

Aerobic Percolating Filters

1 Dimensions

TYPE		EXTERNAL DIMENSIONS			AEROBIC FILTER (A)	PEDESTRIAN COVER load 200 kg/m ² (B)		(A) + (B)	LIGHT TRAFFIC VEHICLE COVER load 2,000 kg/m ² (C)		(A) + (C)	HEAVY TRAFFIC VEHICLE COVER load 7,000 kg/m ² (D)		(A) + (D)
Code	Population equivalent	Width cm	Length cm	Height cm	Weight 100 kg	Thickness cm	Weight 100 kg	Weight 100 kg	Thickness cm	Weight 100 kg	Weight 100 kg	Thickness cm	Weight 100 kg	Weight 100 kg
	Filter vol. 0.66 m ³ /p.e													
FA-01	1-4	140	160	200	40	10	5	45	16	8	48	20	10	50
FA-02	5-6	160	250	200	58	10	9	67	16	14	72	20	18	76
FA-03	7-8	160	290	200	63	10	10	73	16	17	80	20	20	83
FA-04	9-10	200	250	200	64	10	11	75	16	19	83	20	22	86
FA-05	11-12	250	250	200	73	10	14	87	16	24	97	20	28	101
FA-06	13-16	250	325	200	95	10	19	114	16	31	126	20	38	133
FA-07	17-20	250	400	200	114	10	23	137	16	38	152	20	46	160
FA-08	21-23	250	450	200	128	10	26	154	16	43	171	20	52	180
FA-09	24-28	250	550	200	150	10	32	182	16	52	202	20	64	214
FA-10	29-34	250	650	200	174	10	38	212	16	62	236	20	76	250
FA-11	35-39	250	750	200	202	10	44	246	16	72	274	20	88	290
FA-12	40-48	250	950	200	240	10	56	306	16	92	332	20	114	354
FA-13	49-51	250	1017	202	265	10	61	326	16	98	363	20	122	387

Please contact our Sales Office if you require larger treatment plants.

The pedestrian covers are fitted with class B125 cast iron inspection covers.

The vehicle covers for light traffic are fitted with class C250 cast iron inspection covers.

The vehicle covers for heavy traffic are fitted with class D400 cast iron inspection covers.

The foundation slab must be at least 20 cm thick and be reinforced with a double electrically welded steel mesh, 8 mm diameter, 20x20 cm mesh.

A 3-5 cm layer of sand must be laid on the foundation slab where the prefabricated elements will be placed.

If the ground is sloping, the aerobic percolating filter can be fitted with a submersible motor pump upon request to lift/discharge the wastewater.