

Technical data sheet

ECOFLO®

Concrete Ecoflo compact biofilter
models in Ontario

This is the technical data sheet of the **Concrete Ecoflo® compact biofilter models in Ontario**. For any questions, please contact Premier Tech at **1 800 632-6356**.

COMPONENTS PROVIDED BY PREMIER TECH

- **Tank and top slab:** reinforced concrete
- **Lid, central support, tipping bucket, and distribution plates:** polyethylene
- **Filtering medium:** natural fibres

	STB-650B	STB-650BR*	STB-840B	STB-840BR*
Hydraulic capacity – demand dose	2,000 L/d		2,600 L/d	
Hydraulic capacity – time dose	2,500 L/d		3,250 L/d	
Treatment surface area	6.5 m ²		8.45 m ²	
Discharge	Gravity	Pumped	Gravity	Pumped
Bottom	Closed			
Length	A	3,800 mm (12' 6")	4,858 mm (15' 11-1/4")	
Width	B	1,960 mm (6' 5")	2,128 mm (6' 11-3/4")	
Height	C	1,820 mm (6')	2,019 mm (6' 11")	
Inlet height from bottom	D	1,250 mm (4' 1")	1,383 mm (4' 6-3/4")	
Inlet height from top	E	570 mm (1' 11")	718 mm (2' 4-1/4")	
Gravity water outlet height	Fg	150 mm (6")	210 mm (8-1/4")	
Pumped water outlet height	Fp		1,340 mm (4' 5")	1,359 mm (4' 5-1/2")
Tank weight**	4,990 kg (11,000 lb)		6,850 kg (15,100 lb)	
Filtering medium and internal components weight**	400 kg (880 lb)		450 kg (1,000 lb)	
Top slab weight**	1,815 kg (4,000 lb)		2,815 kg (6,200 lb)	
Total weight**	7,200 kg (15,880 lb)	7,210 kg (15,900 lb)	10,115 kg (22,300 lb)	10,125 kg (22,320 lb)
Dosing volume		300 L		500 L
Retention volume		950 L		1,300 L
Between bottom of filtering medium and base of tank				

* Factory-assembled model. A letter "A" is affixed following the model number to designate this option.

** Weights are for handling and lifting purposes only. They are approximate and non-binding.

