

# TREATMENT PERFORMANCE RESULTS

**Premier Tech Aqua Ltd.**  
Quartertown Industrial Estate, Mallow, Co. Cork, Ireland

**EN 12566-3**

Results corresponding to EN 12566-3 and S.R. 66

PIA-SR66-1603-1042-3.02

**ECOFLO**  
Media filter

Nominal organic daily load	0.24 kg/d		
Nominal hydraulic daily load	0.75 m <sup>3</sup> /d		
Material	Polyethylene		
Watertightness	Pass		
Structural behaviour (Pit Test)	Pass (also wet conditions)		
Durability	Pass		
Treatment efficiency (nominal sequences)		Efficiency	Effluent
		COD	92.2 % 57.7 mg/l
		BOD <sub>5</sub>	98.2 % 5.4 mg/l
		NH <sub>4</sub> -N	89.3 % 10.5 mg/l
		SS	98.5 % 5.4 mg/l
Number of desludging	Not more than once		
Electrical consumption	0.1 kWh/d*		

\*If operated in gravity flow conditions, the electrical consumption is 0 kWh/d.

Performance tested by:

**PIA – Prüfinstitut für Abwassertechnik GmbH**

**CERTIPRO – Service de certification et de contrôle, Vito**

**CSTB – Centre Scientifique et technique du Batiment**

**CERIB – Centre d'Etudes et de Recherche de l'INdustrie du Béton**

This document replaces neither the declaration of performance nor the CE marking.



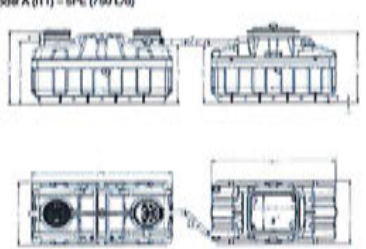
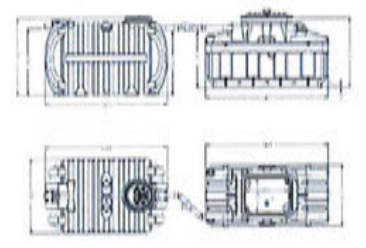
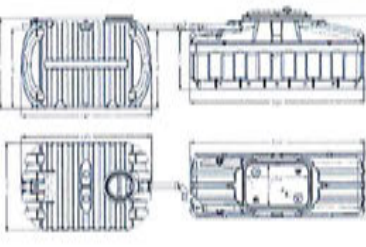
Notified Body  
No.: 1739

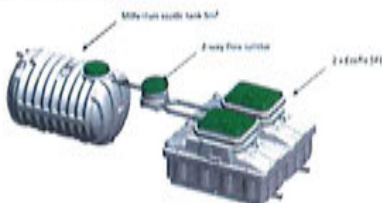
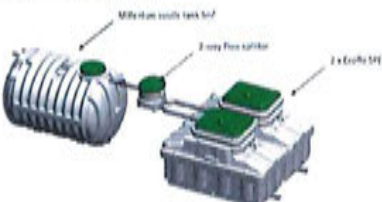
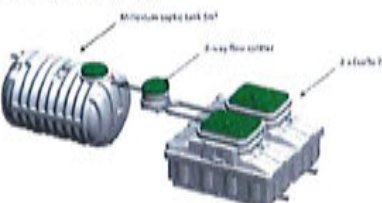


Verschitz / Wermter

November 2019

ECOFLO range and its referring test reports:

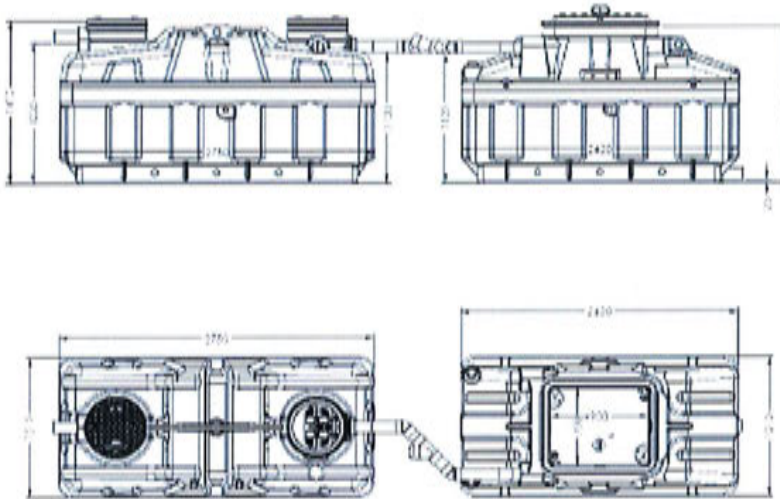
Population equivalent (PE)	Drawing of model of the range	Watertightness (EN 12566-3 Annex A)	Treatment Efficiency (EN 12566-3 Annex B)	Structural Behaviour (EN 12566-3 Annex C)	Durability
Initial Type Test (ITT) 5	<p>Model A (ITT) - 5PE (750 LA)</p> 	<p>Pass</p> <p>CAPE-AT-13-250</p>	<p>Pass</p> <p>CAPE AT 16-024-1 - V1 (EN 12566-3)</p>	<p>Pass</p> <p>For wet ground conditions also, 0.51 m installation depth from inlet invert</p>	<p>Pass</p> <p>CAPE-AT-14-143</p>
4 - 5	<p>Model B - 4-5PE (750 LA)</p> 	<p>Pass</p> <p>CAPE-AT-13-250</p> <p>BES/N9902/P P/pp/04.235</p>	<p>Pass</p> <p>Range conformity according to S.R. 66:2015</p>	<p>Pass</p> <p>For wet ground conditions also, 0.51 m installation depth from inlet invert</p>	<p>Pass</p> <p>CAPE-AT-14-143</p>
6 - 7	<p>Model C - 6-7PE (1050 LA)</p> 	<p>Pass</p> <p>CAPE-AT-13-250</p> <p>BES/N9902/P P/pp/04.235</p>	<p>Pass</p> <p>Range conformity according to S.R. 66:2015</p>	<p>Pass</p> <p>BES/N9902 /PP/pp/04.235</p> <p>PIA2015-ST-PIT-1412-1074.01</p> <p>For wet ground conditions also, 0.51 m installation depth from inlet invert</p>	<p>Pass</p> <p>CAPE-AT-14-143</p>

Population equivalent (PE)	Drawing of model of the range	Watertightness (EN 12566-3 Annex A)	Treatment Efficiency (EN 12566-3 Annex B)	Structural Behaviour (EN 12566-3 Annex C)	Durability
10	<p>Model D – 10PE (1500 L/d)</p> 	<p>Pass</p> <p>CAPE-AT-13-250</p> <p>BES/N9902/P P/pp/04.235</p>	<p>Pass</p> <p>Range conformity according to S.R. 66:2015</p>	<p>Pass</p> <p>For wet ground conditions also, 0.51 m installation depth from inlet invert</p>	<p>Pass</p> <p>CAPE-AT-14-143</p>
14	<p>Model D – 10PE (1500 L/d)</p> 	<p>Pass</p> <p>CAPE-AT-13-250</p> <p>BES/N9902/P P/pp/04.235</p>	<p>Pass</p> <p>Range conformity according to S.R. 66:2015</p>	<p>Pass</p> <p>For wet ground conditions also, 0.51 m installation depth from inlet invert</p>	<p>Pass</p> <p>CAPE-AT-14-143</p>
15	<p>Model E – 14PE (2100 L/d)</p> 	<p>Pass</p> <p>CAPE-AT-13-250</p> <p>BES/N9902/P P/pp/04.235</p>	<p>Pass</p> <p>Range conformity according to S.R. 66:2015</p>	<p>Pass</p> <p>For wet ground conditions also, 0.51 m installation depth from inlet invert</p>	<p>Pass</p> <p>CAPE-AT-14-143</p>

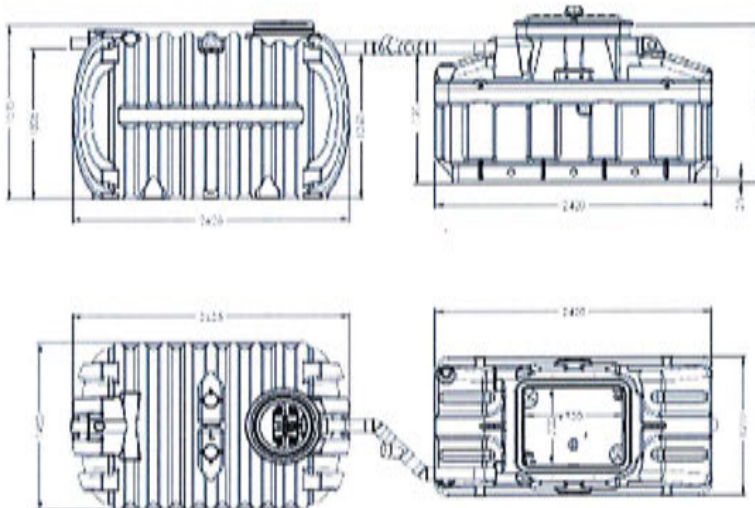
ECOFLO® (EN 12566-3 systems)

Drawings

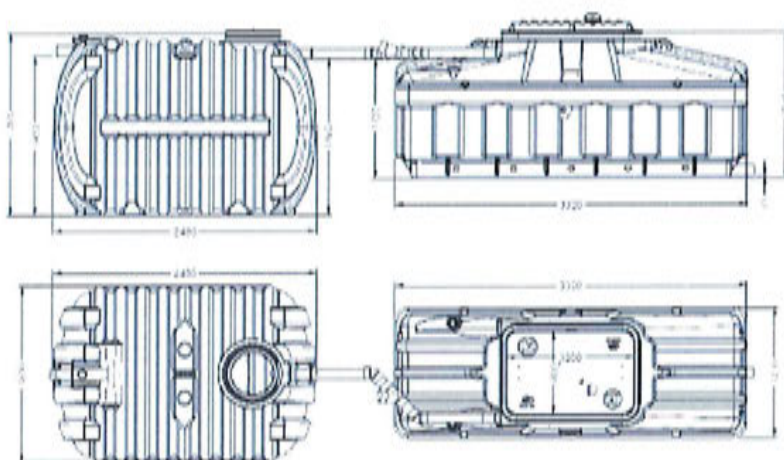
Model A (ITT) – 5PE (750 L/d)



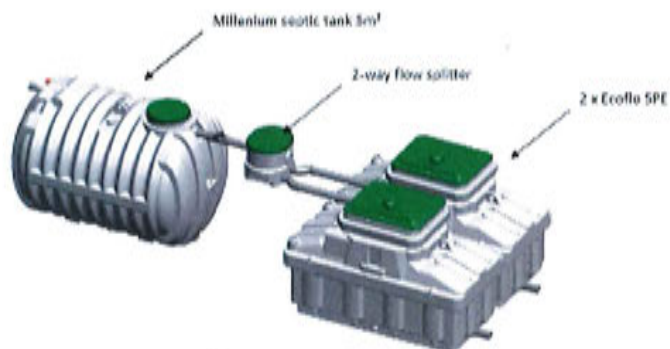
Model B – 4-5PE (750 L/d)



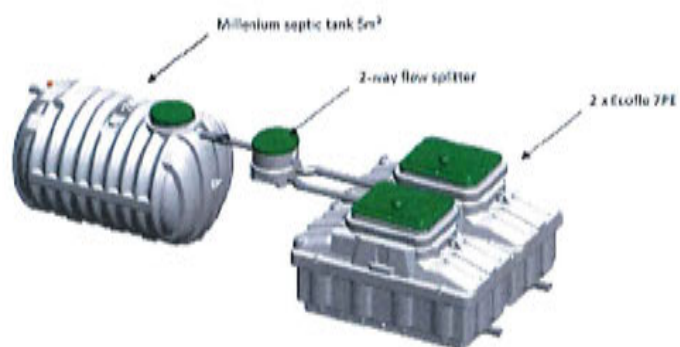
**Model C – 6-7PE (1050 L/d)**



**Model D – 10PE (1500 L/d)**



**Model E – 14PE (2100 L/d)**



Model F – 15PE (2250 L/d)

