



1. Unique identification code of the product type:	Domestic wastewater treatment plants AT6 PLUS, capacity 4 PT; AT8 PLUS, capacity 6 PT; AT10 PLUS, capacity 8 PT; AT12 PLUS, capacity 10 PT; AT15 PLUS, capacity 12 PT; AT20 PLUS, capacity 18 PT.
2. Intended use:	Devices for treating domestic wastewater
3. Manufacturer:	„August ir Ko“, JSC, Meiliakalnio k. 1, Jauniūnų sen. LT-19154 Širvintų r., Lithuania; www.august.lt
4. Authorised representative:	Not relevant
5. System of AVCP:	3
6a. Harmonised standard: Notified bodies:	EN 12566-3: 2005 + A2: 2013 Small wastewater treatment systems for up to 50 PT. Part 3: Packaged and/or site assembled domestic wastewater treatment plants Prünstitut für Abwassertechnik GmbH, Hergenrather Weg 30, 52074 Aachen, Germany, NB No. 1739 TSÚS, n. o., Studená 3, 821 04 Bratislava, Slovakia, NB No. 1301

## 7. Declared performances:

ESSENTIAL CHARACTERISTICS	PERFORMANCE	TEST METHOD
<b>Efficiency performance:</b>	Based on initial type test with daily organic load during the test (BOD <sub>5</sub> ): 0,35 kg/d	EN 12566-3:2005 +A2 : 2013, clause 6.3
BOD <sub>5</sub>	98,2 %	7,0 mg/l
SS	97,2 %	12,0 mg/l
COD	94,4 %	45,0 mg/l
NH <sub>4</sub> -N*	99,5 %	0,2 mg/l
N <sub>tot</sub> *	93,2 %	5,6 mg/l
P <sub>tot</sub>	93,3 %	0,6 mg/l
<small>*determined for temperatures 12°C in the bioreactor</small>		
<b>Treatment capacity:</b> Nominal hydraulic daily flow	AT6 PLUS - 0,60 m <sup>3</sup> /d AT8 PLUS - 0,90 m <sup>3</sup> /d AT10 PLUS - 1,20 m <sup>3</sup> /d	AT12 PLUS - 1,50 m <sup>3</sup> /d AT15 PLUS - 1,80 m <sup>3</sup> /d AT20 PLUS - 2,70 m <sup>3</sup> /d EN 12566-3:2005 +A2 : 2013, clause 5
<b>Treatment capacity:</b> Nominal organic daily load	AT6 PLUS - 0,24 kg BOD <sub>5</sub> /d AT8 PLUS - 0,36 kg BOD <sub>5</sub> /d AT10 PLUS - 0,48 kg BOD <sub>5</sub> /d	AT12 PLUS - 0,60 kg BOD <sub>5</sub> /d AT15 PLUS - 0,72 kg BOD <sub>5</sub> /d AT20 PLUS - 1,08 kg BOD <sub>5</sub> /d EN 12566-3:2005 +A2 : 2013, clause 5
<b>Watertightness:</b>	Pass	EN 12566-3:2005 +A2 : 2013, clause 6.4
<b>Crushing resistance:</b>	Max. allowed height of backfill 0 m Wet install : max. height of water: regarding the technical documentation	EN 12566-3:2005 +A2 : 2013, clause 6.2
<b>Durability:</b>	Pass - Material PP : MFR (230/2,16) : 0,5 g/10 min ±0,1 g/10 min Density : >908 kg/m <sup>3</sup> Tensile strength at yield : >30 MPa	EN 12566-3:2005 +A2 : 2013, clause 6.5
<b>Reaction to fire:</b>	E	EN 12566-3:2005 +A2 : 2013, clause 6.6
<b>Dangerous substance:</b>	SN	—