

OGO™ ORIGIN COMPOST TOILET SYSTEM

PRODUCT IDENTIFICATION & OVERVIEW

The OGO™ Origin works by diverting urine away from solids waste using our patented trap door system. OGO™'s electric agitator "flushes" after every solids use with the push of a button and our urine sensor indicates when you need to empty the bottle.

ogo-wht-2023 SKU

HS No.

39229000

00195893543083

and Similar Electrical Appliances

UL 60335-1, 6Th ed, dated 10-31-2016

Standard: Household and similar electrical

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WHAT'S INCLUDED

CERTIFICATIONS

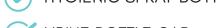
RoHS Certified

CE Certified

RVIA COMPLIANT

HYGIENIC SPRAY BOTTLE

3' OF VENT HOSE WITH HOSE ENDS



URINE BOTTLE CAP

MOUNT SCREWS

POWER CABLE

appliances - Safety - Part 2-84: Particular

IEC 60335-2-84, Edition 3.0, 2019-10

requirements for toilet appliances

Standard: Household and similar electrical

Standard: Standard for the Safety of Household

appliances - Safety - Part 1: General

requirements (Bi-national standard with UL

60335-1)

PRODUCT FEATURES



STAINLESS STEEL AGITATOR SEALED DRAIN SYSTEM PUSH AUTOMATIC START POWER BUTTON 12V DC POWER SYSTEM PATENTED TRAP DOOR SYSTEM REMOVABLE SOLIDS BIN

> 550LBS WEIGHT CAPACITY 25-30 SOLIDS WASTE CAPACITY 2.4 GAL URINE BOTTLE CAPACITY

LED LIQUID LEVEL SENSOR

We are listed with the below SGS Certification to meet listed requirements

CAN/CSA-C22.2 No. 60335-1:16SGS Certified

for the RVIA. https://www.rvia.org/node/recognized-listing-agencies



TECHNICAL DATA SHEET

OGO™ ORIGIN COMPOST TOILET SYSTEM

MATERIALS & CONSTRUCTION

MANUFACTURING PROCESS INJECTION MOLDING, HAND ASSEMBLY, CNC MACHINES MANUFACTURING LOCATION NORTH BALTIMORE, OHIO, USA





Component Name

Technical Data

Momentary Switch Mechanical Life ≥1,000,000 times Electrical Life ≥100,000 times

External Enclosure RTP A PP Mineral Fill 6.7 lbs 15" x 16" x 18" H

Internal Solids Tank

94452-HD Resin HDPE Material 3 lbs 12" x 12" x 12"

Internal Liquids Tank

HB3553 HDPE Material 3 lbs 12" x 12" x 12" x 12"

Power Cord Male receptacle 2.5mm Right Angle 1830mm, 4.5A, 48Vdc 24 AWGI, OD.5mm

Power Jack Female receptacle 75 mm 48Vdc, 6A

Motor 12VDC, 1200mA -20°C to 60°C CW Rotation, 24 RPM 1MΩ Insulation Resistance

Motor Push Button/Switch 16mm Diameter 12-24VDC -25°C to 55°C IP65

Liquid Tank Switch 12Vdc 4-20mA -20°C to 60°C Capacitive Sensor

Liquid Tank Switch

Min voltage: 8 VDC Max voltage: 16 VDC Max: 0.5 A

Internal power wiring 20 AWG 600V FT-1

2-Conductor Wire Connector 450V, 32A (CSA) 600V, 20A (UL) UL94V-2

3-Conductor Wire Connector 450V, 32A, 4mm2 (CSA) 600V, 20A (UL) UL94V-2

Fan 12 Vdc, 0.02A

High CFM Fan (Optional) 12 Vdc, 0.038 A



Label

PERFECT FOR BOATS AND RV'S

Type III MDS design offers versatility: vented or unvented, floor or alternative mounting, with an optional drain kit connecting to a tank, bypassing the urine bottle.



WATERLESS FLUSH

Waste introduced to coco coir compost medium is aerated, promoting microbial activity that transforms waste into odorless, nutrient-rich, stable compost.



DIMENSIONS

STANDARD: 18.375" H x 16" W x 15" D

METRIC: 48,3 cm x 40,6 cm x 38,1 cm

Install a 10A fuse on the 12V DC input to ensure reliable overcurrent protection draw peaks from 6-7 amps under heavy load. Timer runs for 45 seconds cycle.



Gloss Laminate 76mm x 102mm