



TECHNICAL DATA SHEET

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.

SKU ogo-wht-2023 **HS No.** 39229000 **GTIN** 00195893543083

WHAT'S INCLUDED

- ✓ 3' OF VENT HOSE WITH HOSE ENDS
- ✓ HYGIENIC SPRAY BOTTLE
- ✓ URINE BOTTLE CAP
- ✓ MOUNT SCREWS
- ✓ POWER CABLE

CERTIFICATIONS

CE Certified

RoHS Certified

RVIA COMPLIANT

Standard: Standard for the Safety of Household
and Similar Electrical Appliances

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

Standard: Household and similar electrical
appliances - Safety - Part 2-84: Particular
requirements for toilet appliances

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

Standard: Household and similar electrical
appliances - Safety - Part 1: General
requirements (Bi-national standard with UL
60335-1)

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

We are listed with the below **SGS Certification** to meet listed requirements
for the RVIA. <https://www.rvia.org/node/recognized-listing-agencies>

PRODUCT FEATURES

LED LIQUID LEVEL SENSOR

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





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MATERIALS & CONSTRUCTION

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

MATERIAL

Component Name

Technical Data

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"
Power Cord	Male receptacle 2.5mm Right Angle 1830mm, 4.5A, 48Vdc 24 AWG, 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 Momentary Switch Mechanical Life ≥1,000,000 times Electrical Life ≥100,000 times
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, 4mm ² (CSA) 600V, 20A (UL) UL94V-2
Label	Gloss Laminate 76mm x 102mm
Fan	12 Vdc, 0.02A
High CFM Fan (Optional)	12 Vdc, 0.038 A



1 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.

2 WATERLESS FLUSH

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

3 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.

