

International Water-Guard (IWG) Healthy Lav™ Touchless Flush Kit



The Touchless Flush Kit is part of IWG's innovative Healthy Lav™ offering – a simple and effective way of increasing on-board lavatory hygiene, enhancing passenger confidence and comfort. The Touchless Flush Kit comprises the highlighted components and allows for touchless operation of the lavatory toilet.

IWG's Healthy Lav touchless products have been designed to be applicable to multiple platforms with ease of integration as a core principle.

All the touchless components are powered by the IWG Lavatory Control Module (LCM) meaning that only one new power input into the lavatory is required. Also, if suitably located, existing panel cut-outs can be reused. This makes these products ideal for retrofit as well as line-fit applications.

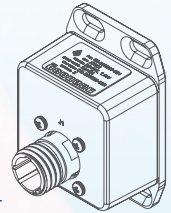
1 Lavatory Control Module (LCM)

P/N: 09-390301-001

The LCM takes signals from the faucet and flush Touchless Infrared (IR) sensors or piezo switches and activates the respective solenoid valves.

Envelope: 50.5 x 77.0 x 50.0 mm
(1.99 x 3.03 x 1.97 in)
Weight: 0.23 kg (0.5 lbs)
Hydraulic: n/a
Electrical: D38999 / 20FB35AN connector
28 VDC, 1.4 W

Integration: attaches to structure using 4 fasteners



2 Flush Infrared (IR) Sensor & Piezo Switch

P/N: 09-710201-001

A wall mounted IR sensor and switch assembly linked to the LCM. The IR sensor will detect when a passenger's hands are within 50 mm (2"). The piezo switch provides a manual backing if requested.

Weight: 0.11 kg (0.25lbs)
Hydraulic: n/a
Electrical: D369-R33-CP1 connector
28 VDC, 0.6 W
Integration: Panel mounted housing available

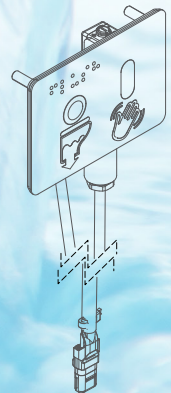


3 Touchless Flush Kit

P/N: 09-730100-001

The Touchless Flush Kit integrates into the toilet assembly to activate the flush sequence.

Envelope: 76.0 x 56.0 x 21 mm
except electrical connector
(Approx. 30mm (1.2in))
(3.0 x 2.2 x 0.83 in)
Weight: 70g (0.15lbs)
Electrical: D369-HP33-CS1
LCM power input
Integration: Attaches to structure using
3 fasteners



Qualification

Qualified to **DO160G** Mechanical **4, 5, 6, 7, 8, 10, 11, & 26** | Electrical **15, 16, 17, 18, 19, 20, 21, 22, & 25**

Will be available with: **Transport Canada Form One** | Certification expected **Q4 2022**

OPTIONAL COMPONENTS:

For maximum protection and efficiency IWG recommends the installation of IWG's HE 420/210W Lavatory Water Heater (PMA) and IWG-UVL1 point of use water disinfection Both HE components are a direct drop-in replacement on Boeing and Airbus aircraft.