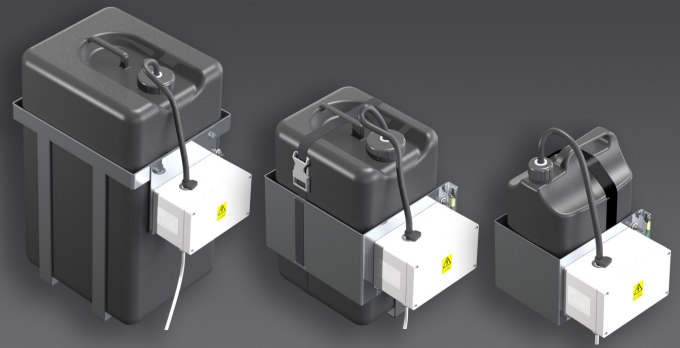


COEX™ MEWS Safe-Area Wash System

MEWS3

The COEX™ MEWS3 wash system is developed specifically for Marine and safe-area applications. The wash system allows remote pressure jet washing of the camera station window, maintaining optimum viewing conditions in the harshest of environments.



Designed for operation in marine and safe-area environments, the MEWS3 is the perfect choice to maintain optimum image clarity and performance for COEX C2000 safe-area camera stations.

Comprised of a reservoir and pump, the unit can be installed up to 20 meters below the camera head, allowing servicing and remote operation of the reservoir at ground / deck level. When installed alongside COEX C2000 safe-area camera stations, the water jet is ejected from a spray nozzle mounted on the window wiper arm to ensure uniform window cleaning.

Options

- Wide range of operating voltages
- 10 meter wash hose extension kit
- 5 Liter capacity
- 10 Liter capacity
- 25 Liter capacity

Specifications

CERTIFICATIONS / RATINGS	
EMC	EN61000-6-4, EN61000-6-2
CE / UKCA	EN/IEC 62368-1
ENVIRONMENTAL [OPTIONS]	
Operating Temperature	-10°C to +60°C (14°F to 140°F)
Ingress Protection	IP66 (Wash Pump)
Wind Loading	Operational to 130 km/h, survival to 200 km/h
MECHANICAL	
Mounting Bracket	Electro-polished 316L stainless steel
Painted Bracket	Available on request
Mounting	5 liters - 4 x Ø 6 mm (Ø 0.24") holes 10 liters - 4 x Ø 6 mm (Ø 0.24") holes 25 liters - 4 x Ø 7 mm (Ø 0.28") countersunk holes
Reservoir Type	High molecular weight HDPE container
Reservoir Capacity	5 liters (1 gallon) 10 liters (2 gallons) 25 liters (5.5 gallons)
Working Pressure	24Vac - 3.8 bar min 115Vac - 1.8bar min 230Vac - 2 bar min
Pump Seal Material*1	EPDM
Fluid Outlet	Ø6mm OD push fit
Flow Rate	24Vac - > 0.4 liters per minute 115Vac - > 0.9 liters per minute 230Vac - > 0.6 liters per minute
Dimensions (W x D x H)	5 liters - 260 x 197 x 257 mm (10.24" x 7.76" x 10.12") 10 liters - 344 x 211 x 317 mm (13.54" x 8.31" x 12.48") 25 liters - 397 x 256 x 464 mm (15.63" x 10.08" x 18.27")
Weight Empty	5 liters - 3.5 kg / 7.7 lbs 10 liters - 4.5 kg / 9.9 lbs 25 liters - 5.5 kg / 12.1 lbs
Weight Full	5 liters - 8.5 kg / 18.7 lbs 10 liters - 14.5 kg / 32.0 lbs 25 liters - 30.5 kg / 67.2 lbs
ELECTRICAL [OPTIONS]	
Power Requirements	24Vac - 4.5A 115Vac - 0.9A 230Vac - 0.7A
Power Consumption	24Vac - 117VA 115Vac - 110VA 230Vac - 120VA
Electrical Connections	3 x screw terminals for 0.75 - 2.5 mm ²
Cable Gland Entry	1 x M20

NOTE: *1 Ensure compatibility with pump seals.

PART CODE STRUCTURE

(Example) MEWS3 - 05L - 115

A - B - C

A - PRODUCT MODEL
MEWS3 Wash System

C - SUPPLY VOLTAGE
024 24Vac
115 115Vac
230 230Vac

B - CAPACITY
05L 5 Litre
10L 10 Litre
25L 25 Litre

Synectics
 sales@synecticsglobal.com
synecticsglobal.com

Specifications subject to change. E & OE.
 Copyright © Synectic Systems Group Ltd 2021. All Rights Reserved.



Reference Number:
06\DS 0653 Iss 1