ULISSE EVO RANGE, ACCESSORIES

VIDEOTEC

UEI

LED ILLUMINATOR FOR ULISSE EVO

Wavelength: 850nm, 940nm, white light

Automatic and remote switching on

No calibration required for light beam alignment with the camera

Automatic recognition of the type of illuminator installed

UEI

0HEP90INJ

POWER INJECTOR POE (90W)

Power Injector PoE (90W), 1 channel, for indoor installations

Input voltage: from 100Vac up to 240Vac

0HEP90INJ

0HEP90INJO

POWER INJECTOR POE (90W)

Power Injector PoE (90W), 1 channel, for outdoor installations

Input voltage: from 100Vac up to 240Vac

Weatherproof standard IP66, NEMA 4X

0HEP90INJO

SURGEPR

LIGHTNING SURGE PROTECTION DEVICE

Surge handling capability: 10kV, 5kA to ground in 8/20µs, 800V, 100A PoE

Weatherproof standard IP66, NEMA 4X

SURGEPR

UPTIRPS100N

EXTERNAL POWER SUPPLY FOR ULISSE WITH UPTIRN LED ILLUMINATORS

Power supply: 100Vac, 50/60Hz

Control to synchronise illuminators with camera Day/Night switching

Twilight sensor included

IP66

UPTIRPS100N

UPTIRPS120UL

EXTERNAL POWER SUPPLY FOR ULISSE WITH UPTIRN LED ILLUMINATORS

Power supply: 120Vac, 50/60Hz

Control to synchronise illuminators with camera Day/Night switching

Twilight sensor included

IP66

UPTIRPS120UL

UPTIRPS230N

EXTERNAL POWER SUPPLY FOR ULISSE WITH UPTIRN LED ILLUMINATORS

Power supply: 230Vac, 50/60Hz

Control to synchronise illuminators with camera Day/Night switching

Twilight sensor included

IP66

UPTIRPS230N

WASPT

WASHER PUMP AND 5 OR 23 LITER TANK

Polyethylene tank with stainless steel cage

Delivery head: 5m (16ft), 11m (36ft), 30m (98ft)

Versions with alarm for the lack of liquid in the tank

Also for third-party products

Operating temperature: from -10°C (14°F) up to +60°C (140°F)

Available voltages: 230Vac, 120Vac, 24Vac

IP protection degree (EN60529): IP66 (only products with 5m (16ft) or 11m (36ft) delivery head)

The WASPT0V23L11M00 washer pump with tank of 23l (6gal) and delivery head 11m (36ft) is certified "Lloyd's Register Marine Type Approval"

WASHERS AND TANKS

WASNX

WASHER PUMP WITH SOLENOID VALVE FOR STAINLESS STEEL PRODUCTS

Enclosure made of stainless steel AISI 316L

Delivery head: up to 20m (66ft)

Water tank capacity: 10l (2.6gal)

Suitable for Videotec products or with third-party products

Operating temperature: from -20°C (-4°F) up to +60°C (140°F)

Available voltages: 230Vac, 120Vac, 24Vac

IP protection degree (EN60529): IP65 (solenoid valve only, enclosure not rated)

WASNX

TECHNICAL DATA

UEI

GENERAL

Wavelength: 850nm, 940nm (UEIxxx only), white light

UEIxxx
- Wide beam: 40° (horizontal), 16° (vertical)
- Spot beam: 14° (horizontal), 14° (vertical)

UEIxxxP
- Wide beam: 13° (horizontal), 13° (vertical)
- Spot beam: 13° (horizontal), 13° (vertical)

Wide beam activation: based on the scene brightness, from alarm input or manually

Spot beam activation (can be activated only when the wide beam is active): can be activated on preset, based on the zoom factor or with the wide beam

Automatic and remote switching on

No calibration required for light beam alignment with the camera

The illuminator does not slow down the P&T's rotation speed

Automatic recognition of the type of illuminator installed

MECHANICAL

Die cast aluminum body

Dimensions (WxHxL): 97x53x54mm (3.8x2x2.1in)

Unit weight: 0.25kg (0.55lb)

ELECTRICAL

Power consumption: 13W

CERTIFICATIONS

KC certification (UEI8AA, UEI8FA)

PART NUMBER

UEI8AA	IR illuminator 850nm with uniform lighting for short and long distances up to 175m (574ft) for ULISSE EVO grey-white colour (RAL9002)
UEI8AAP	IR illuminator 850nm for long distance lighting up to 270m (885ft) for ULISSE EVO grey-white colour (RAL9002)
UEI8FA	IR illuminator 850nm with uniform lighting for short and long distances up to 175m (574ft) for ULISSE EVO black colour (RAL9005)
UEI8FAP	IR illuminator 850nm for long distance lighting up to 270m (885ft) for ULISSE EVO black colour (RAL9005)
UEI9AA	IR illuminator 940nm with uniform lighting for short and long distances s up to 100m (328ft) for ULISSE EVO grey-white colour (RAL9002)
UEI9FA	IR illuminator 940nm with uniform lighting for short and long distances up to 100m (328ft) for ULISSE EVO black colour (RAL9005)
UEIWAA	White light illuminator with uniform lighting for short and long distances up to 175m (574ft) for ULISSE EVO grey-white colour (RAL9002)
UEIWAAP	White light illuminator for long distance lighting up to 270m (885ft) for ULISSE EVO grey-white colour (RAL9002)
UEIWFA	White light illuminator with uniform lighting for short and long distances up to 175m (574ft) for ULISSE EVO black colour (RAL9005)
UEIWFAP	White light illuminator for long distance lighting up to 270m (885ft) for ULISSE EVO black colour (RAL9005)

PACKAGE

Model Number	Weight	Dimensions (WxHxL)	Master carton
UEIxxx	0.4kg (0,9lb)	9.5x13x19.5cm (3.7x5x7.7in)	-

OHEP90INJ

ELECTRICAL

Input voltage: from 100Vac up to 240Vac

PoE Power Output: 90W

ENVIRONMENT

For installation indoors

Operating temperature: from -10°C (14°F) up to +45°C (+113°F)

PART NUMBER

OHEP90INJ	Power Injector PoE (90W), 1 channel, for indoor installations

OHEP90INJO

ELECTRICAL

Input voltage: from 100Vac up to 240Vac

PoE Power Output: 90W

ENVIRONMENT

For installation outdoors

Operating temperature: from -40°C (-40°F) up to +65°C (149°F)

Weatherproof standard IP66, NEMA 4X

PART NUMBER

OHEP90INJO	Power Injector PoE (90W), 1 channel, for outdoor installations

SURGEPR

ELECTRICAL

Surge handling capability: 10kV, 5kA to ground in 8/20µs, 800V, 100A PoE

ENVIRONMENT

For indoors and outdoors installation

Operating temperature: from -40°C (-40°F) up to +85°C (+185°F)

Weatherproof standard IP66, NEMA 4X

PART NUMBER

SURGEPR	Lightning surge protection device

UPTIRPS100N

MECHANICAL

Aluminum case, color RAL7035

Dimensions: See drawing

Unit weight: 6kg (13.3lb)

ELECTRICAL

IN 100Vac, 50/60Hz - OUT 24Vac, 8A

Consumption: 200W max (powering two spots on maximum power)

Built-in light sensitive switch for automatic ON/OFF operation

Output Day/Night (STATUS): dry contact NO

Cables input section: from 2.5mm^2 (14AWG) up to 4mm^2 (12AWG)

Cables signal section: from 0.14mm^2 (26AWG) up to 0.5mm^2 (20AWG)

ENVIRONMENT

For indoors and outdoors installation

IP66

Operating temperature: -40°C / +55°C

CERTIFICATIONS

Electrical safety: EN60950-1, IEC60950-1, EN62368-1, IEC62368-1

Electromagnetic compatibility: , EN55022 (Class A), FCC Part 15 (Class A)

Immunity: EN50130-4

Outdoor installation: EN60950-22, IEC60950-22

EAC certification

PART NUMBER

UPTIRPS100N	External power supply for ULISSE series, prearranged for two LED illuminators, and control to synchronize IR illuminators with camera Day/Night switching, IN 100Vac, in weatherproof box. Twilight sensor included.

PACKAGE

Model Number	Weight	Dimensions (WxHxL)	Master carton
UPTIRPS100N	6kg (13.3lb)	31x31x22cm (12.2x12.2x8.6in)	-

UPTIRPS120UL

MECHANICAL

Aluminum case, color RAL7035

Dimensions: See drawing

Weight: 6kg (13.3lb)

ELECTRICAL

IN 120Vac, 50/60Hz - OUT 24Vac, 8A

Power consumption: max 200W (feeding two illuminators at full power)

Built-in light sensitive switch for automatic ON/OFF operation

Output Day/Night (STATUS): dry contact NO

Cables input section: from 2.5mm^2 (14AWG) up to 4mm^2 (12AWG)

Cables signal section: from 20AWG up to 26AWG

ENVIRONMENT

For indoors and outdoors installation

IP66

Operating temperature: -40°C / +55°C

CERTIFICATIONS

Electrical safety: EN60950-1, IEC60950-1, EN62368-1, IEC62368-1

Electromagnetic compatibility: , EN55022 (Class A), FCC Part 15 (Class A)

Immunity: EN50130-4

Outdoor installation: EN60950-22, IEC60950-22

UL certification: cULus Listed (TYPE 4X) version in 120Vac only

EAC certification

PART NUMBER

UPTIRPS120UL	External power supply for ULISSE series, prearranged for two LED illuminators, and control to synchronize IR illuminators with camera Day/Night switching, IN 120Vac, in weatherproof box. Twilight sensor included.

PACKAGE

Model Number	Weight	Dimensions (WxHxL)	Master carton
UPTIRPS120UL	-	-	-

MECHANICAL

Aluminum case, color RAL7035

Dimensions: See drawing

Unit weight: 6kg (13.3lb)

ELECTRICAL

IN 230Vac, 50/60Hz - OUT 24Vac, 8A

Consumption: 200W max (powering two spots on maximum power)

Built-in light sensitive switch for automatic ON/OFF operation

Output Day/Night (STATUS): dry contact NO

Cables input section: from 2.5mm² (14AWG) up to 4mm² (12AWG)

Cables signal section: from 0.14mm² (26AWG) up to 0.5mm² (20AWG)

ENVIRONMENT

For indoors and outdoors installation

IP66

Operating temperature: -40°C / +55°C

CERTIFICATIONS

Electrical safety: EN60950-1, IEC60950-1, EN62368-1, IEC62368-1

Electromagnetic compatibility: , EN55022 (Class A), FCC Part 15 (Class A)

Immunity: EN50130-4

Outdoor installation: EN60950-22, IEC60950-22

EAC certification

PART NUMBER

UPTIRPS230N	External power supply for ULISSE series, prearranged for two LED illuminators, and control to synchronize IR illuminators with camera Day/Night switching, IN 230Vac, in weatherproof box. Twilight sensor included.

PACKAGE

Model Number	Weight	Dimensions (WxHxL)	Master carton
UPTIRPS230N	6kg (13.3lb)	31x31x22cm (12.2x12.2x8.6in)	-

Washer pump, tank of 5l (1.3gal), 5m (16ft) delivery

Polyethylene tank, stainless steel cage

Dimensions (WxHxL): 217x272x257mm (8.5x10.7x10.1in)

Cable glands: 1xM20 + 3xM16

Unit weight: 3.8kg (8.4lb)

Water tank capacity: 5l (1.3gal)

Delivery head: 5m (16ft) max

Tube length: 5m (16ft)

Supply voltage/Current consumption:

- 230Vac, 0.3A, 50/60Hz
- 120Vac, 0.6A, 50/60Hz
- 24Vac, 1.8A, 50/60Hz

Operating temperature

- Maximum temperature: 60°C (140°F)
- Minimum temperature with antifreeze liquid in solution: -10°C (14°F)
- Minimum temperature with antifreeze liquid in solution (reduced performance and delivery height): -25°C (-13°F)

Electrical safety (CE): EN60950-1, EN62368-1

Electromagnetic compatibility (CE): EN50130-4, EN61000-6-3, EN55032 (Class B), FCC Part 15 (Class B)

Outdoor installation (CE): EN60950-22

IP protection degree (EN60529):

- IP66

EAC certification

Washer pump, tank of 23l (6gal), 5m (16ft) delivery

Polyethylene tank, stainless steel cage

Dimensions (WxHxL): 301x410x348mm (11.8x16.1x13.7in)

Cable glands: 1xM20 + 3xM16

Unit weight: 5.5kg (12.1lb)

Water tank capacity: 23l (6gal)

Delivery head: 5m (16ft) max

Tube length: 5m (16ft)

Supply voltage/Current consumption:

- 230Vac, 0.3A, 50/60Hz
- 120Vac, 0.6A, 50/60Hz
- 24Vac, 1.8A, 50/60Hz

Operating temperature

- Maximum temperature: 60°C (140°F)
- Minimum temperature with antifreeze liquid in solution: -10°C (14°F)
- Minimum temperature with antifreeze liquid in solution (reduced performance and delivery height): -25°C (-13°F)

Electrical safety (CE): EN60950-1, EN62368-1

Electromagnetic compatibility (CE): EN50130-4, EN61000-6-3, EN55032 (Class B), FCC Part 15 (Class B)

Outdoor installation (CE): EN60950-22

IP protection degree (EN60529):

- IP66

EAC certification

Washer pump, tank of 23l (6gal), 11m (36ft) delivery

Polyethylene tank, stainless steel cage

Dimensions (WxHxL): 301x410x348mm (11.8x16.1x13.7in)

Cable glands: 1xM20 + 3xM16

Unit weight: 6.7kg (14.8lb)

Switch for liquid level

Water tank capacity: 23l (6gal)

Delivery head: 11m (36ft) max

Tube length: 11m (36ft)

Supply voltage/Current consumption:

- 230Vac, 0.5A, 50/60Hz
- 120Vac, 1A, 50/60Hz
- 24Vac, 3.8A, 50/60Hz

Alarm outputs:

- Auto-powered: 1
- Dry contact: 1

Operating temperature

- Maximum temperature: 60°C (140°F)
- Minimum temperature with antifreeze liquid in solution : -10°C (14°F)
- Minimum temperature with antifreeze liquid in solution (reduced performance and delivery height): -25°C (-13°F)

Electrical safety (CE): EN60950-1, EN62368-1

Electromagnetic compatibility (CE): EN50130-4, EN61000-6-3, EN55032, (Class B), FCC Part 15 (Class B)

Outdoor installation (CE): EN60950-22

IP protection degree (EN60529):

- IP66

EAC certification

Marine Certification: Lloyd's Register Marine Type Approval (only for the 11m (36ft) version in the WASPT series)

Washer pump, tank of 23l (6gal), 30m (98ft) delivery

Polyethylene tank, stainless steel cage

Dimensions (WxHxL): 301x620x348mm (11.9x24.4x13.7in)

Cable glands: 1xM20 + 3xM16

Unit weight: 15.1kg (33.3lb)

Water tank capacity: 23l (6gal)

Delivery head: 30m (98ft) max

Tube length: 30m (98ft)

Switch for liquid level

Supply voltage/Current consumption:

- 230Vac, 2A, 50/60Hz
- 120Vac, 4.5A, 60Hz

Alarm outputs:

- Auto-powered: 1
- Dry contact: 1

Operating temperature

- Maximum temperature: 60°C (140°F)
- Minimum temperature with antifreeze liquid in solution: -10°C (14°F)

Electrical safety (CE): EN60950-1, EN62368-1

Electromagnetic compatibility (CE): EN50130-4, EN61000-6-3, EN55032, (Class B), FCC Part 15 (Class B)

IP protection degree (EN60529):

- IPX4

EAC certification

DTWRX

Board for remote control of wiper and washer pump with WASPT

2 functions: WIPER, WASHER

31 selectable addresses through DIP switch

Serial input RS-485

2 status LED: Stand-by and receiver control

Dimensions: 43x56x13mm (1.7x2.2x0.51in)

Unit weight: 0.02kg (0.04lb)

Power consumption: 0.5W

Half duplex RS-485 serial interface for keypad telemetry data reception (maximum distance 1200m/3937ft) and from SM matrix range (maximum distance 1200m/3937ft)

Protocols:

- PELCO D (2400, 9600 baud)
- VIDEOTEC MACRO (9600, 38400 baud)

Operating temperature: from -25°C up to +60°C

Electrical safety (CE): EN60950-1, EN62368-1

Electromagnetic compatibility (CE): EN50130-4, EN61000-6-3, FCC Part 15 (Class B)

EAC certification

PART NUMBER

WASPT0V5L5M00	Water tank 5l (1.3gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASPT0V23L5M00	Water tank 23l (6gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASPT0V23L11M00	Water tank 23l (6gal), pump with delivery up to 11m (36ft) with water floating, IN 230Vac-24Vac-120Vac
WASPT1V23L30M00	Water tank 23l (6gal), pump with delivery up to 30m (98ft) with water floating, IN 230Vac
WASPT3V23L30M00	Water tank 23l (6gal), pump with delivery up to 30m (98ft) with water floating, IN 120Vac

ACCESSORIES

DTWRX	Data receiver for remote control of the wiper and WASPT range pumps in stand-alone housings

PACKAGE

Model Number	Weight	Dimensions (WxHxL)	Master carton
WASPT0V5L5M00	4.3kg (9.5lb)	31x31x22cm (12.2x12.2x8.6in)	-
WASPT0V23L5M00	6.4kg (14lb)	32x37.5x51cm (12.5x14.7x20in)	-
WASPT0V23L11M0	7.5kg (16.5lb)	32x37.5x51cm (12.5x14.7x20in)	-
WASPT1V23L30M00	15.4kg (34lb)	38x22x79cm (15x8.6x31in)	-

WASNX

MECHANICAL

Enclosure made of stainless steel AISI 316L

Delivery pipe supplied
  • Length: 20m (66ft)

Pressure: 4bar max

Delivery head: 20m (66ft)

Material (delivery pipe): Antistatic plastic

Dimensions (WxHxL): 429x697x255mm (16.9x27.4x10in)

Unit weight: 18kg (40lb)

Water tank capacity: 10l (2.6gal)

ELECTRICAL

Supply voltage/Current consumption
  • 230Vac, 0.07A, 50/60Hz
  • 120Vac, 0.13A, 50/60Hz
  • 24Vac, 0.7A, 50/60Hz

ENVIRONMENT

For indoors and outdoors installation

Operating temperature of solenoid valve: from -20°C (-4°F) up to +60°C (140°F)

Operating temperature of device: depending on the solidification temperature of the liquid

CERTIFICATIONS

Electrical safety (CE): EN60950-1, EN62368-1

Electromagnetic compatibility (CE): EN61000-6-2, EN61000-6-3

Outdoor installation (CE): EN60950-22

IP protection degree (EN60529):
  • IP65 (solenoid valve only, enclosure not rated)

EAC certification

PART NUMBER

WASNX1V10L20M00 Tank 10l (2.6gal) with integrated manual pump controlled by solenoid valve, delivery head up to 20m (66ft) max, IN 230Vac

WASNX2V10L20M00 Tank 10l (2.6gal) with integrated manual pump controlled by solenoid valve, delivery head up to 20m (66ft) max, IN 24Vac

WASNX3V10L20M00 Tank 10l (2.6gal) with integrated manual pump controlled by solenoid valve, delivery head up to 20m (66ft) max, IN 120Vac

SPARE PARTS

OWEXTANK	Pump in stainless steel, 10l (2.6gal)
OWEXTUB	Water pipe, 20m (66ft)

BRACKETS AND ADAPTORS

NXCOL	AISI 316L stainless steel pole adapter module
NXCW	AISI 316L stainless steel corner adapter module

PACKAGE

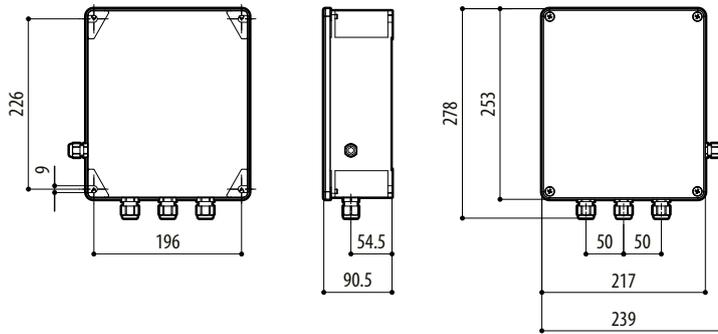| Model Number	Weight	Dimensions (WxHxL)	Master carton
WASNX1V10L20M00	20.3kg (44.7lb)	30x74x46cm (11.8x29.1x18.1in)	-
WASNX2V10L20M00	20.3kg (44.7lb)	30x74x46cm (11.8x29.1x18.1in)	-
WASNX3V10L20M00	20.3kg (44.7lb)	30x74x46cm (11.8x29.1x18.1in)	-

TECHNICAL DRAWINGS

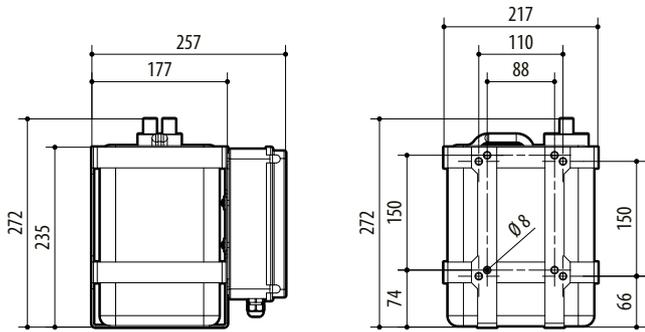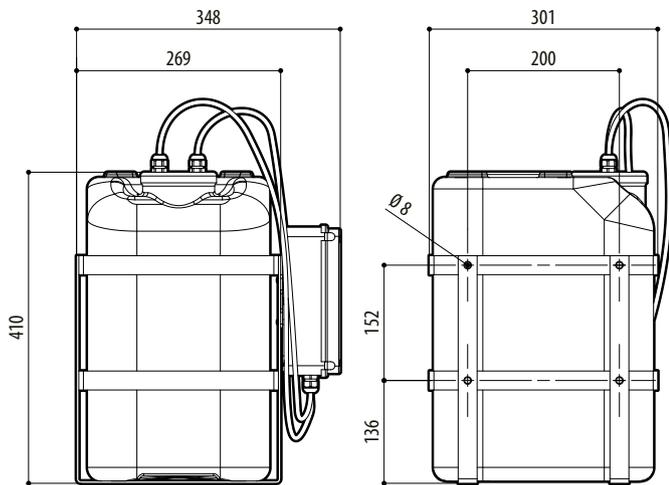*The indicated measurements are expressed in millimetres.*
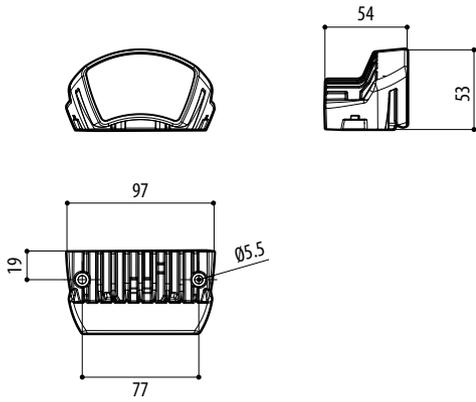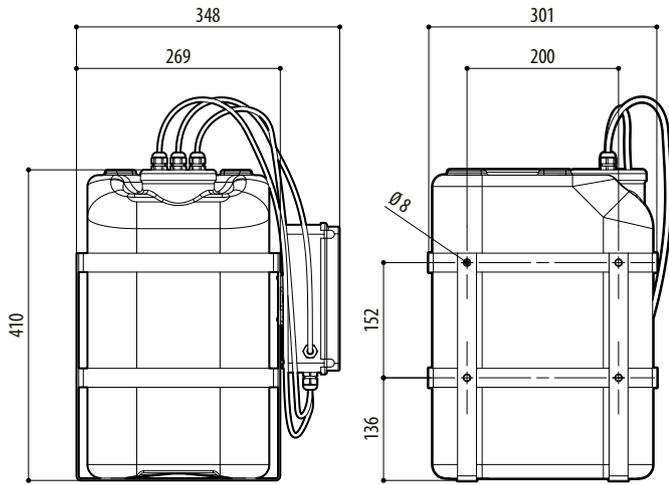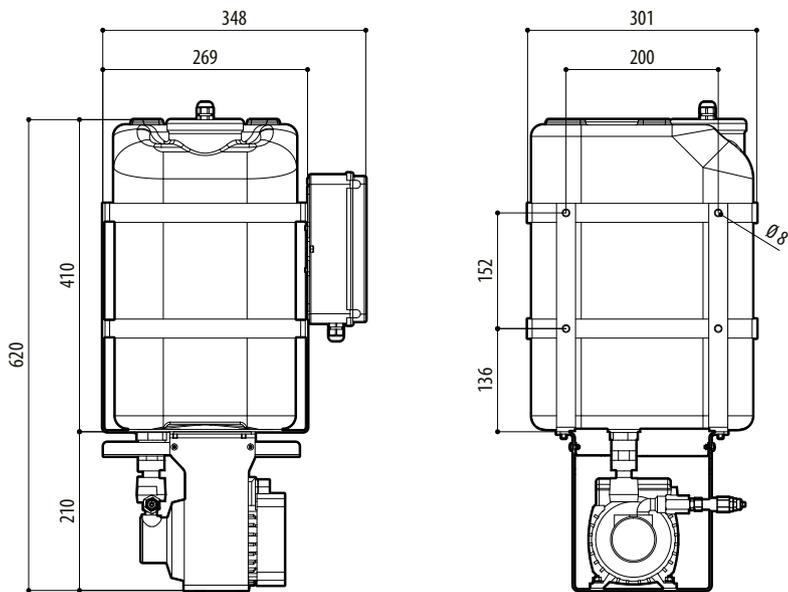
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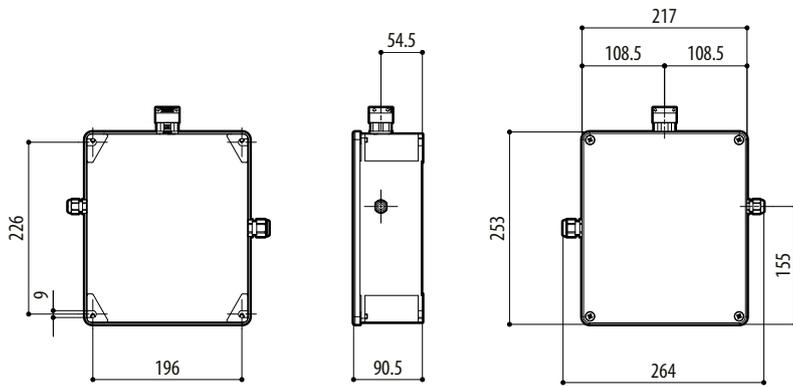
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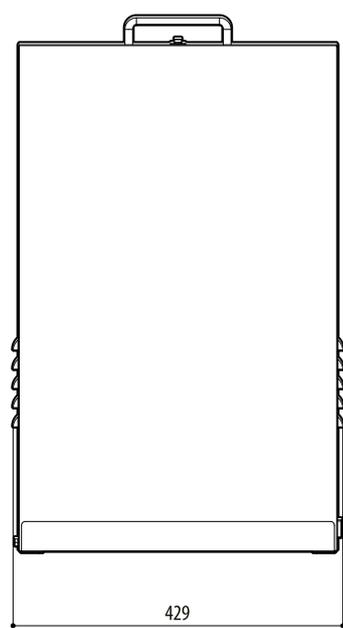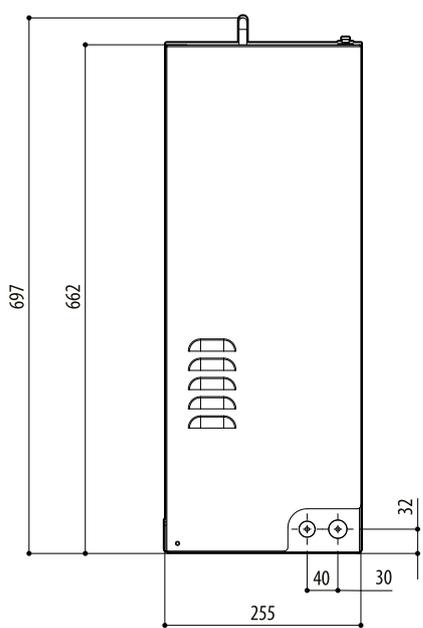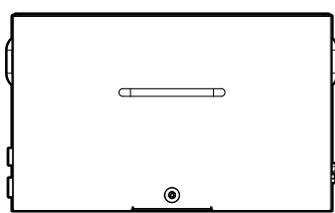
WATER TANK 5L (1.3GAL), 5M (16FT) DELIVERY

257
177
272
235
217
110
88
272
150
74
150
66
Ø8

WATER TANK 23L (6GAL), 5M (16FT) DELIVERY

348
269
410
301
200
152
136
Ø8

WATER TANK 23L (6GAL), 11M (36FT) DELIVERY

348
269
410
301
200
Ø8
152
136

WATER TANK 23L (6GAL), 30M (98FT) DELIVERY

348
269
620
410
210
301
200
152
136
Ø8

280

Ø 11

17

210

28

60

500

101.5

300

Ø 11

697

662

32

40   30

255

429

WASNX