

# WAS-WASPT

WASHER PUMP AND 5 OR 23 LITER TANK



IP66



The Videotec WAS-WASPT is a wash kit consisting of a water tank with an integrated pump for PTZ cameras and camera housings equipped with wiper. This wide range of washers and tanks is available with capacities of 5 or 23 litres and delivery heads up to 30 metres.

With the WASPT series it is possible to remotely control via RS-485 the wiper and the washer pump by using the DTWRX optional board.

In the 11m (36ft) and 30m (98ft) delivery versions the lack of liquid in the tank is signalled following the automatic stop of the pump (except for 11m version of WAS series).

Pumps with 30m (98ft) delivery are available only in 230Vac or 120Vac.

With the use of the antifreeze liquid the minimum operating temperature goes down to -25°C (-13°F).

Products with 5m or 11m delivery heads have an IP66 level of protection.

The WASPTOV23L11M00 washer pump with tank of 23l (6gal) and delivery head 11m (36ft) is certified "Lloyd's Register Marine Type Approval", also in conjunction with the DTWRX card.

## CERTIFICATIONS



*only valid for the pump with a 23l tank and 11m delivery head in the WASPT series*

## MAIN FEATURES

Polyethylene tank with stainless steel cage

Versions with delivery up to 5m (16ft), 11m (36ft) or 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 in 230Vac, 120Vac or 24Vac

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

The WASPTOV23L11M00 washer pump with tank of 23l (6gal) and delivery head 11m (36ft) is certified "Lloyd's Register Marine Type Approval"

**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: 3.5kg (7.7lb) (WAS), 3.8kg (8.4lb) (WASPT)

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

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: 5.4kg (11.9lb) (WAS), 5.5kg (12.1lb) (WASPT)

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

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: 5.9kg (13lb) (WAS), 6.7kg (14.8lb) (WASPT)

Switch for liquid level (except for 11m version of WAS series)

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

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

Lloyd's Register Marine Type Approval (only for the 11m 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: 13.9kg (30.6lb) (WAS), 15.1kg (33.3lb) (WASPT)

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

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

Power consumption: 0.5W

Half duplex RS-485 serial interface for keypad telemetry data reception (maximum distance 1200m/3940ft) and from SM matrix range (maximum distance 1200m/3940ft)

Protocols:

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

For installation indoors and outdoors

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

Electrical safety (CE): EN60950-1

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

EAC certification

**PART NUMBER**

WASOV5L5M00	Water tank 5l (1 gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASOV23L5M00	Water tank 23l (6 gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASOV23L11M00	Water tank 23l (6 gal), pump with delivery up to 11m (36ft), IN 230Vac-24Vac-120Vac

WAS1V23L30M00	Water tank 23l (6 gal), pump with delivery up to 30m (98ft) with water floating, IN 230Vac
WAS3V23L30M00	Water tank 23l (6 gal), pump with delivery up to 30m (98ft) with water floating, IN 120Vac
WASPTOV5L5M00	Water tank 5l (1 gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASPTOV23L5M00	Water tank 23l (6 gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASPTOV23L11M00	Water tank 23l (6 gal), pump with delivery up to 11m (36ft) with water floating, IN 230Vac-24Vac-120Vac
WASPT1V23L30M00	Water tank 23l (6 gal), pump with delivery up to 30m (98ft) with water floating, IN 230Vac
WASPT3V23L30M00	Water tank 23l (6 gal), 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
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**PACKAGE**

Model Number	Weight	Dimensions (WxHxL)	Master carton
WASOV5L5M00	4kg (8.8lb)	31x31x22cm	4
WASOV23L5M00	6.2kg (13.7lb)	32x37.5x51cm	-
WASOV23L11M00	5.9kg (13lb)	32x37.5x51cm	-
WAS1V23L30M00	13.1kg (28.9lb)	38x32x79cm (15x12.6x31.1in)	-
WASPTOV5L5M00	4.3kg	31x31x22cm	-
WASPTOV23L5M00	6.4kg (14lb)	32x37.5x51cm	-
WASPTOV23L11M00	7.5kg (16.5lb)	32x37.5x51cm	-
WASPT1V23L30M00	15.4kg	38x22x79cm	-
DTWRX	-	8.5x5.5x11.5cm (3.4x2.2x4.5in)	-

**WAS - CONFIGURATION OPTIONS (NOT ALL COMBINATIONS ARE POSSIBLE)**

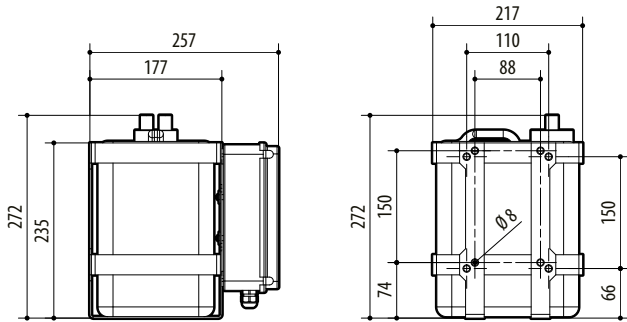
	Voltage	Water tank capacity	Delivery head	
<b>WAS</b>	<b>0V</b> 230Vac - 24Vac - 120Vac	<b>5L</b> 5l (1.3gal)	<b>5M</b> 5m (16ft)	<b>00</b>
	<b>1V</b> 230Vac	<b>23L</b> 23l (6gal)	<b>11M</b> 11m (36ft)	
	<b>3V</b> 120Vac		<b>30M</b> 30m (98ft)	

**WASPT - CONFIGURATION OPTIONS (NOT ALL COMBINATIONS ARE POSSIBLE)**

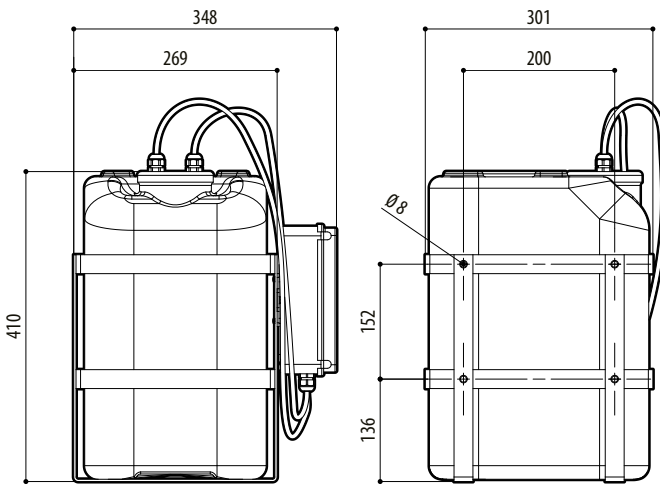
	Voltage	Water tank capacity	Delivery head	
<b>WASPT</b>	<b>0V</b> 230Vac/ 24Vac/ 120Vac	<b>5L</b> 5l (1.3gal)	<b>5M</b> 5m (16ft)	<b>00</b>
	<b>1V</b> 230Vac	<b>23L</b> 23l (6gal)	<b>11M</b> 11m (36ft)	
	<b>3V</b> 120Vac		<b>30M</b> 30m (98ft)	

## TECHNICAL DRAWINGS

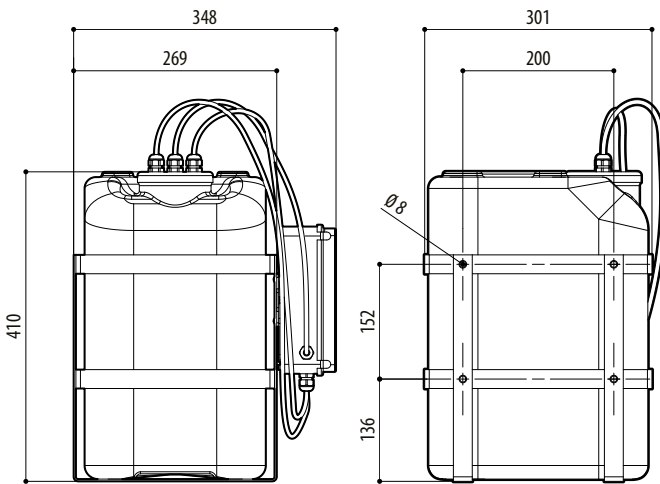
The dimensions of the drawings are in millimetres.



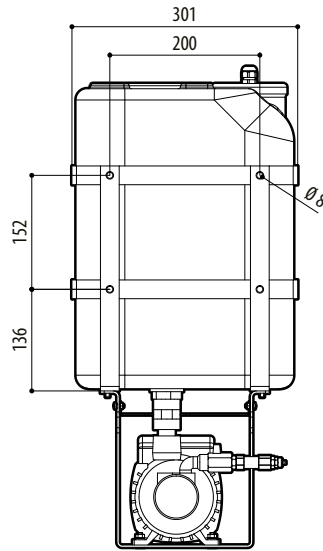
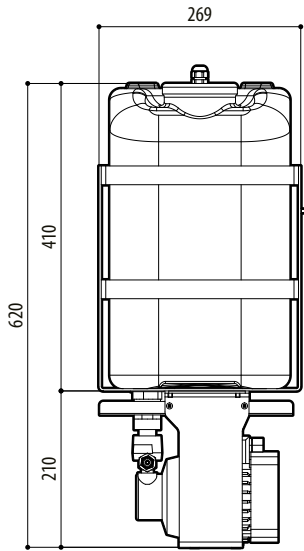
WATER TANK 5L (1.3GAL), 5M (16FT) DELIVERY (WAS-WASPT)



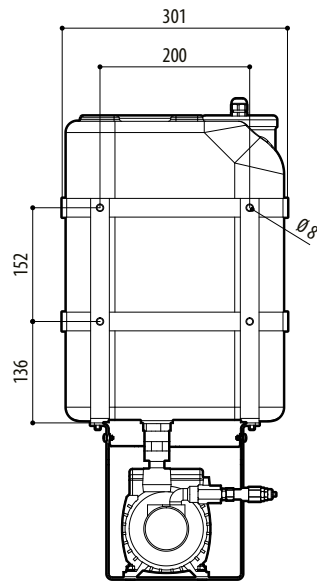
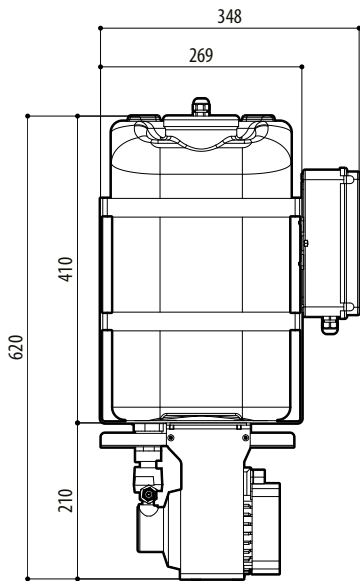
WATER TANK 23L (6GAL), 5M (16FT) DELIVERY (WAS-WASPT) O 11M (36FT) (WAS)



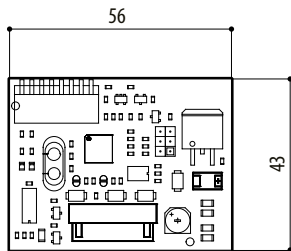
WATER TANK 23L (6GAL), 11M (36FT) DELIVERY (WASPT)



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



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



DTWRX