STAINLESS STEEL HOUSINGS, ACCESSORIES

ONXAB1025B

AIR BARRIER WITH IR-PROOF GLASS

Made of AISI 316L electropolished stainless steel

ONXAB1025B

ONXAB2

AIR BARRIER WITH TEMPERED WINDOW GLASS

Made of AISI 316L electropolished stainless steel
Supplied with NXW housing and optional on NXM

ONXAB2

NXFIGRU

AIR FILTERING GROUP

To combine with the air barrier ONXAB2 and ONXAB1025B to filter compressed air of oil and water impurities generally coming from the compressor
Filtering of particles with diameter higher than 0.1µm

NXFIGRU

VIPNX - VIPNXL

WIPER FOR HOUSING

Made of AISI 316L electropolished stainless steel
IP66/IP67
Different voltages available, 230Vac or 24Vac, both 50/60Hz
Connector 3+1 poles, easy wiring harness
Marine Certification: Lloyd's Register Marine Type Approval

VIPNX

ONXWTG

TEMPERED EXTRA CLEAR GLASS

The model with tempered glass has been designed to endure in installations where the surrounding air is of a high temperature. (260°C (500°F) max)

ONXWTG

ONXWQG

QUARTZ GLASS

The model with quartz glass has been designed to endure in installations where the surrounding air is of an extremely high temperature. (400°C (752°F) max)

ONXWQG

CAMERA POWER SUPPLY

Can be installed inside the housing

Available in different versions, 120/230Vac input and 24Vac/12Vdc output.

CAMERA POWER SUPPLY

HEATER

Thermostatically controlled heating element PTC 20W or 40W (Ton <= 15°C(59°F); Toff >= 22°C(72°F)

Available in 12Vdc/24Vac voltage or 120/230Vac voltage

HEATER

WAS-WASPT

5 OR 23 LITER TANK WITH PUMP

Polyethylene tank with stainless steel cage

Versions with delivery up to 5m (16ft), 11m (36ft) or 30m (98ft)

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 (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

WASNX

TECHNICAL DATA

ONXAB1025B AIR BARRIER WITH IR-PROOF GLASS

Dimensions (ØxL): 154x21mm (6x0.8in)

Male input 1/2"GAS

Flange with 8 holes

System pressure: 4bar max

Recommended minimum pressure: 2bar

Example of application:

- Input air pressure 1bar, output air pressure 0.2bar, air flow rate 7m^3/h
- Input air pressure 2bar, output air pressure 1bar, air flow rate 10m^3/h
- Input air pressure 3bar, output air pressure 1.25bar, air flow rate 12m^3/h
- Input air pressure 4bar, output air pressure 1.25bar, air flow rate 14m^3/h

IR-proof glass

- Thick: 6.6mm (0.3in)
- Operating temperature: 260℃ (500°F) max, thermal gradient 108℃ (226.4°F) max
- Transmitted IR radiation: 21%

Unit weight: 1.6kg (3.5lb)

PART NUMBER

ONXAB1025B	Air barrier with IR-proof glass included for NXW housings

PACKAGE

Model Number	Weight	Dimensions (WxHxL)	Master carton
ONXAB1025B	1.8kg (4lb)	14x25.5x20cm (5.5x10x7.9in)	-

ONXAB2 AIR BARRIER WITH TEMPERED WINDOW GLASS

Dimensions (ØxL): 154x21mm (6x0.8in)

Male input 1/2"GAS

Flange with 32 holes

System pressure: 6bar max

Recommended minimum pressure: 2bar

Example of application:

- Input air pressure 1bar, output air pressure 0.2bar, air flow rate 28m^3/h
- Input air pressure 2bar, output air pressure 1bar, air flow rate 40m^3/h
- Input air pressure 3bar, output air pressure 1.2bar, air flow rate 48m^3/h
- Input air pressure 4bar, output air pressure 1.2bar, air flow rate 56m^3/h
- Input air pressure 5bar, output air pressure 1.2bar, air flow rate 70m^3/h
- Input air pressure 6bar, output air pressure 1.2bar, air flow rate 80m^3/h

Tempered extra clear glass

- Thick: 6mm (0.24in)
- Operating temperature: 260℃ (500°F) max, thermal gradient 108℃ (226.4°F) max

Unit weight: 1.6kg (3.5lb)

PART NUMBER

ONXAB2	Front flange with air barrier and tempered glass

PACKAGE

Model Number	Weight	Dimensions (WxHxL)	Master carton
ONXAB1025B	1.8kg (4lb)	14x25.5x20cm (5.5x10x7.9in)	-

NXFIGRU AIR FILTERING GROUP

3 filters in cascade (20µm, 5µm, 0.1µm)

Dimensions: 227x275x104mm (8.9x10.8x4in)

Female input and output: 1/2"GAS

Input pressure: 10bar max

Output pressure: 6bar max

Recommended minimum output pressure: 2bar

Filtering: 0.1µm

Unit weight: 2.5kg (5.5lb)

Operating temperature: +50℃ (122°F) max

PART NUMBER

NXFIGRU	Filtering group for compressed air cleaning

PACKAGE

Model Number	Weight	Dimensions (WxHxL)	Master carton
NXFIGRU	3kg (6.6lb)	34.5x24x15.5cm (13.6x9.4x6.1in)	-

VIPNX WIPER FOR HOUSING

MECHANICAL

Wiperblade and enclosure constructed from AISI 316L stainless steel

Dimensions (ØxL): 100x169mm (3.9x6.7in) (not comprehensive of blade)

Unit weight: 1.7kg (3.7lb)

ELECTRICAL

Connector 3+1 pins

Supply voltage/Current consumption:

- 24Vac, 290mA max, 50/60Hz
- 230Vac, 30mA max, 50/60Hz

CERTIFICATIONS

CE listed

IP protection degree (EN60529):

- IP66
- IP67

EAC certification

Lloyd's Register Marine Type Approval (certification only valid for the codes: VIPNX1C, VIPNX2C)

PART NUMBER

VIPNX1C	230Vac stainless steel wiper for NXM housing
VIPNX2C	24Vac stainless steel wiper for NXM housing
VIPNXL1C	230Vac stainless steel wiper for NXL housing
VIPNXL2C	24Vac stainless steel wiper for NXL housing

PACKAGE

Model Number	Weight	Dimensions (WxHxL)	Master carton
VIPNX1C	1.9kg (4.2lb)	14.5x15x27cm (6x6x11in)	15

ONXWTG TEMPERED EXTRA CLEAR GLASS

Tempered extra clear glass
- Thick: 6mm (0.24in)
- Operating temperature: 260°C (500°F) max, thermal gradient 108°C (226.4°F) max

PART NUMBER

ONXWTG	Tempered glass

ONXWQG QUARTZ GLASS

Quartz glass
- Thick: 6mm (0.24in)
- Operating temperature: 400°C (752°F) max, thermal gradient 220°C (428°F) max

PART NUMBER

ONXWQG	Quartz glass

Camera power supply

Camera power supply:

IN 100-240Vac, 50/60Hz - OUT 12Vdc, 1.25A

IN 230Vac, 50/60Hz - OUT 12Vdc, 400mA

IN 230Vac, 50Hz - OUT 24Vac, 50Hz, 400mA

PART NUMBER

OHEPS24	Camera power supply IN 230Vac, 50/60Hz - OUT 12Vdc, 400mA
OHEPS25	Camera power supply IN 230Vac, 50/60Hz - OUT 24Vac, 400mA
ONXPS1B	Wide range power supply for camera IN 100-240Vac - OUT 12Vdc, 1.25A
ONXPS2B	Camera power supply IN 230Vac - OUT 24Vac, 400mA

Heater

IN 12Vdc/24Vac, power consumption 20W max

IN 120Vac/230Vac, power consumption 40W max

PART NUMBER

OHEH05B	Heater 12Vdc/24Vac
OHEH06B	Heater 120/230Vac
ONXLH1	Heater 120/230Vac
ONXLH2	Heater 12Vdc/24Vac

WAS-WASPT WASHER PUMP AND 5 OR 23 LITER TANK

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 (36ft) 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

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: 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 (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)

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

WAS0V5L5M00	Water tank 5l (1.3gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WAS0V23L5M00	Water tank 23l (6 gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WAS0V23L11M00	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
WASPT0V5L5M00	Water tank 5l (1.3gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASPT0V23L5M00	Water tank 23l (6 gal), pump with delivery up to 5m (16ft), IN 230Vac-24Vac-120Vac
WASPT0V23L11M00	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

PACKAGE

Model Number	Weight	Dimensions (WxHxL)	Master carton
WAS0V5L5M00	4kg (8.8lb)	31x31x22cm	4
WAS0V23L5M00	6.2kg (13.7lb)	32x37.5x51cm	-
WAS0V23L11M00	5.9kg (13lb)	32x37.5x51cm	-
WAS1V23L30M00	13.1kg (28.9lb)	38x32x79cm (15x12.6x31.1in)	-
WASPT0V5L5M00	4.3kg	31x31x22cm	-
WASPT0V23L5M00	6.4kg (14lb)	32x37.5x51cm	-
WASPT0V23L11M0	7.5kg (16.5lb)	32x37.5x51cm	-
WASPT1V23L30M00	15.4kg (34lb)	38x22x79cm	-

PRODUCTS

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 installation indoors and outdoors

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

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

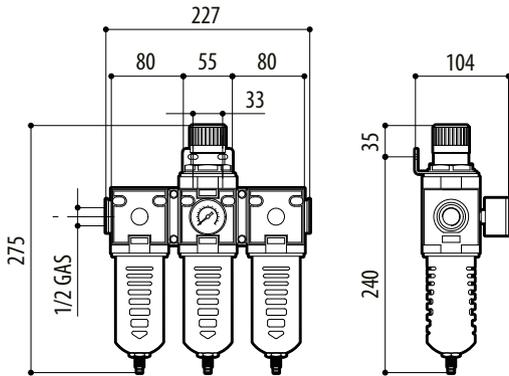| Model Number	Weight	Dimensions (WxHxL)	Master carton
WASNX1V10L20M00	20.3kg (44,7lb)	30x74x46cm (11.8x29.1x18.1in)	-
WASNX2V10L20M00	20.3kg (44,7lb)	30x74x46cm (11.8x29.1x18.1in)	-
WASNX3V10L20M00	20.3kg (44,7lb)	30x74x46cm (11.8x29.1x18.1in)	-

TECHNICAL DRAWINGS

The measurements indicated are expressed in millimetres.
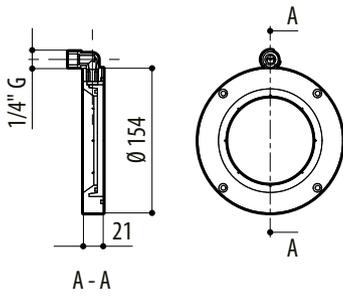
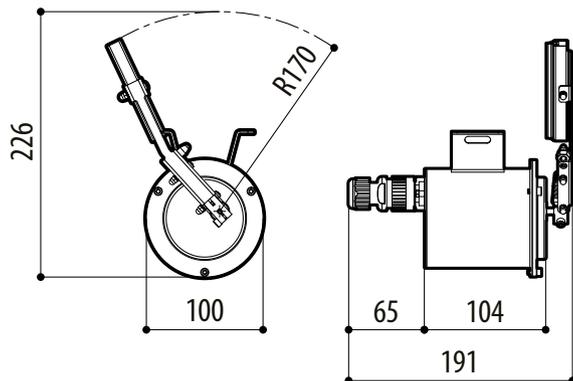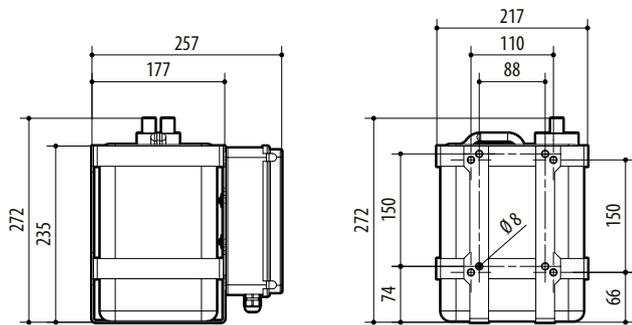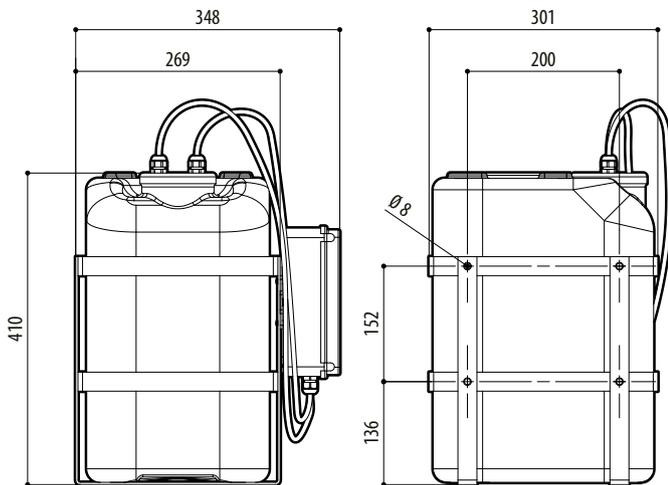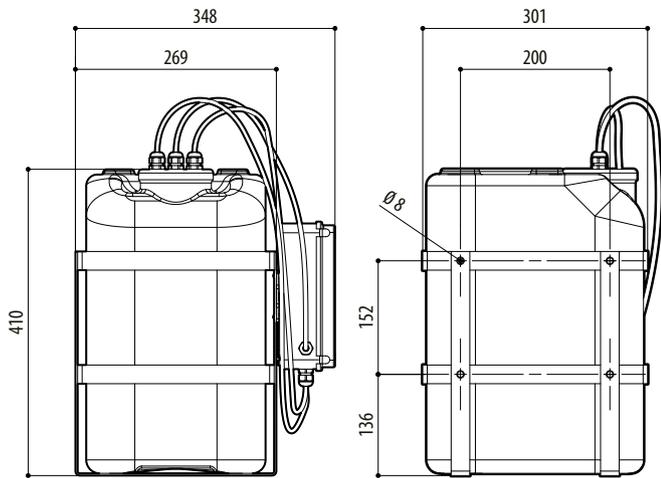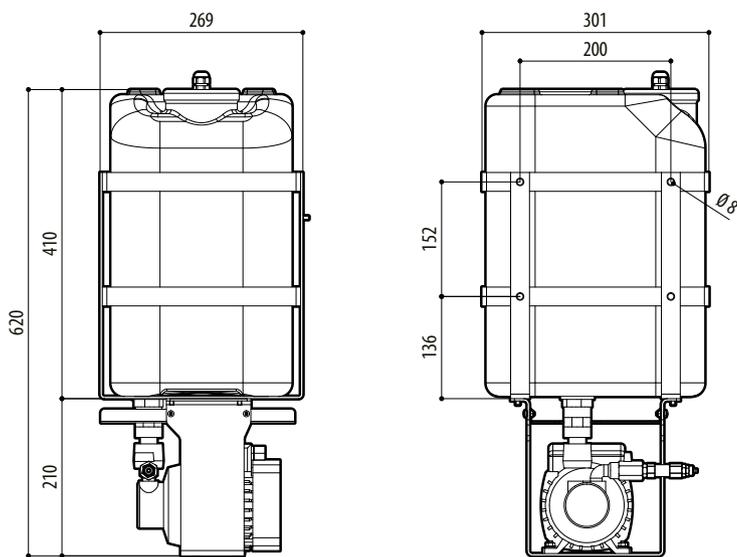ONXAB1025B
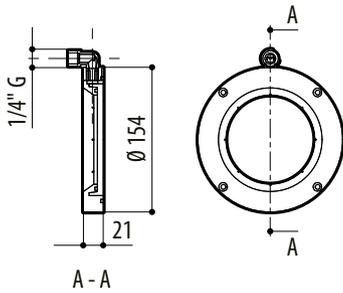
ONXAB2

NXFIGRU

VIPNX

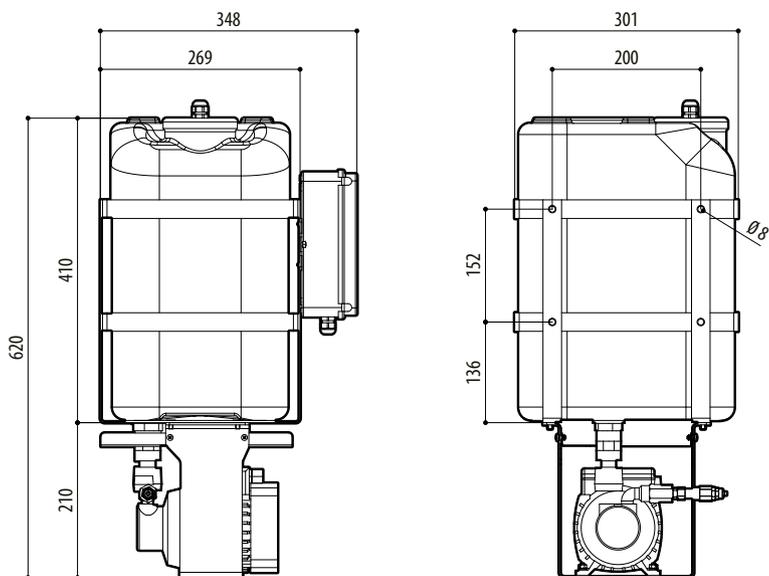WATER TANK 5L (1.3GAL), 5M (16FT) DELIVERY (WAS-WASPT)

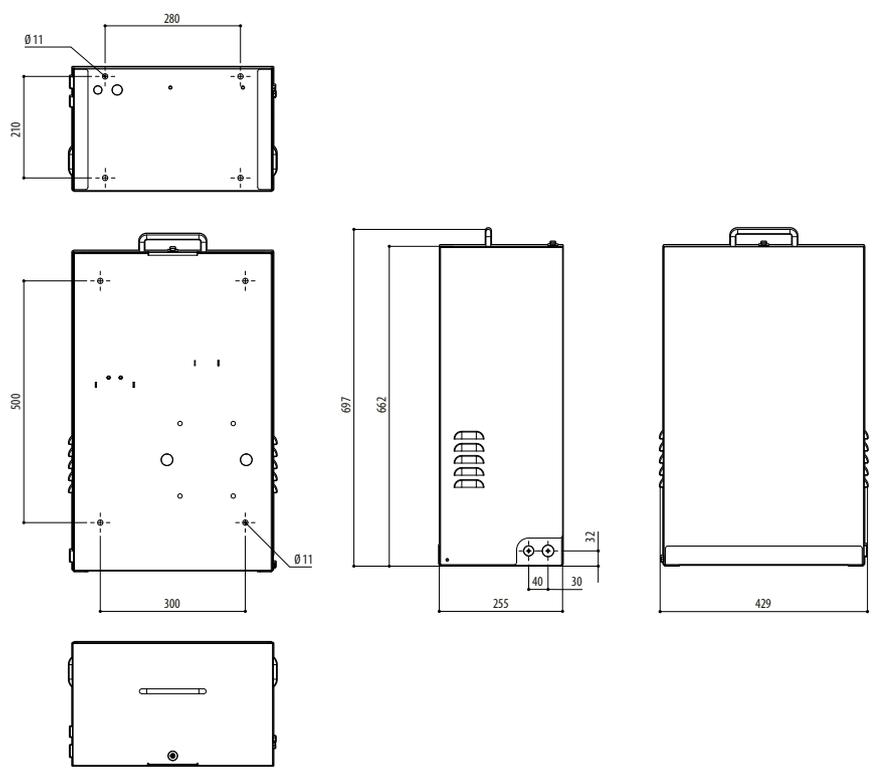WATER TANK 23L (6GAL), 5M (16FT) DELIVERY (WAS-WASPT) O 11M (36FT) (WAS)

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

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

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

WASNX