

# PUMPS

## RECIRCULATING WATER VACUUM PUMP AND PERISTALTIC PUMP

Pumps are widely used instruments in chemical, biological and pharmaceutical laboratories thanks to their ease of use and selectable flow rates. VELP Scientifica solutions offers great benefits: the recirculating water pump ensures **drastic savings in water consumption** and the peristaltic pump is extremely versatile for the **most diversified needs**.

### JPV

The **JPV** is a **highly resistant** chemical corrosion pump equipped with **suction capacity selection**.

JPV is **independent from tap water contingencies** like low availability or low pressure. The unit ensures **extremely quiet and vibration-free operation** whilst **premium materials** guarantee **excellent resistance** and a high flow rate (up to 22 L/min). Two convenient handles increase the **convenience**.

The unit is designed for all those applications where non-pulsing suction is required, e.g. rotary evaporators, vacuum filtrations, etc.

INSTRUMENT	POWER SUPPLY	CODE No
JPV	230 V / 50-60 Hz	F40100541
JPV	115 V / 50-60 Hz	F40110541



#### i GENERAL FEATURES AND PERFORMANCE

FLOW RATE REGULATION	0÷22 L/min
VACUUM REGULATION	1±0.04 bar
RESIDUAL PRESSURE	35 mm/Hg (water temperature at 15 °C)
POWER	160 W
DIMENSIONS (WxHxD)	250x400x370 mm (9.8x15.7x14.6 in)
WEIGHT	8.0 Kg (17.6 lb)

OPTIONAL ACCESSORIES	CODE No
Vacuum tube	10001893

### SP 311

The **SP 311** has a **variable flow rate** and is able to pump fluids from depths of up to 10 meters. The unit is **compact, extremely intuitive and quiet** and requires minimum maintenance. The electronic speed control ensures **high safety standards**. Peristaltic pumps are widely used in industries like pharmaceutical, chemical, food, beverage and biotechnology to transfer liquids. Since the liquid never affects and gets in touch with the internal parts of the pump, **SP 311 is extremely easy to clean**.

The SP 311 is particularly recommended for:

- transferring liquids, gases, mixtures, emulsions, etc.
- taking samples and continuous dosing
- analysis automation

INSTRUMENT	POWER SUPPLY	CODE No
SP 311/2	230 V / 50-60 Hz	F40200002
SP 311/6	230 V / 50-60 Hz	F40200006
SP 311/12	230 V / 50-60 Hz	F40200012
SP 311/60	230 V / 50-60 Hz	F40200060



#### i GENERAL FEATURES AND PERFORMANCE

MOTOR	24 V CC with gear reduction
POWER	20 W
DIMENSIONS (WxHxD)	145x95x190 mm (5.7x3.7x7.5 in)
WEIGHT	1.8 Kg (3.9 lb)

OPTIONAL ACCESSORIES	CODE No
SP 311/2 Silicone tube Ø 4x7 mm 2-35 ml/min	10002042
SP 311/6 Silicone tube Ø 4x7 mm 6-135 ml/min	10002042
SP 311/12 Silicone tube Ø 4x7 mm 20-240 ml/min	10002042
SP 311/60 Silicone tube Ø 5x8 mm 125-1000 ml/min	10001090