

Salad washer Pulstar



Operating principle

The Pulstar washer has an integrated air injection system, enabling a thorough cleaning action without damaging the product. The quantity of air can be adjusted continuously, so that a stronger or softer turbulence in the washing water can be achieved. The air injection system is divided into two sections, which operate alternatively. This alternating operation of the sections creates a peristaltic movement of the product through the washer.

The in-feed side of the washer is provided with water jets, which assist in the separation of the product and flume it towards the Jacuzzi section. The variable water flow of the frequency driven circulation pump in combination with the switch / change frequency of the air injection ensures that the dwell time within the washer can be accurately programmed.

The out-feed of the washer delivers the washed product and water onto a blue plastic wire mesh belt, the water that passes through can be cleaned by means of either a static sieve or a rotating drum.

The filtered water is held in the retention overflow tank beneath the discharge

elevator where it is re-introduced to the washer through the circulation pump.

The out-feed belt is constructed as a dewatering belt, provided with a re-arrangement beater and a vacuum system to aid the maximum removal of free water. The air knife on the end of the belt takes care of removing all product off and out of the belt. In an installation where there is a second washer, the out-feed belt is manufactured without the dewatering section.

Capacity

Pulstar 70 : 500 to 1.500 kg/hour (1,100 - 3,300 lbs/hr)

Pulstar 100 : 750 to 2.500 kg/hour (1,650 - 5,500 lbs/hr)

Pulstar 150 : 1.000 to 4.000 kg/hour (2,200 - 8,800 lbs/hr)

Scope of supply

- > washer with adjustable feet
- > water re-circulation tank with fine wire mesh filters or wedge wire type sieve drums
- > out-feed belt or dewatering belt

Options

- > removal system for all floating insects and extraneous vegetable matter
- > cover plates
- > water filtration systems
- > electrical switch panel with frequency controllers

Product specification

The Pulstar washers are suitable for washing of all kind of leaf vegetables, with optimum buoyancy.

Technical data

	Pulstar 70	Pulstar 100	Pulstar 150
Voltage:	230/400 V, 3 phase, 50/60 Hz	230/400 V, 3 phase, 50/60 Hz	230/400 V, 3 phase, 50/60 Hz
Total installed power:	DN 10 -12 KW	DN 12 -14 KW	DN 16 -19 KW
Dimensions (L):	5.500 mm (217")	5.700 mm (224")	6.000 mm (236")
(W):	1.500 mm (59")	1.800 mm (71")	2.300 mm (91")
(H):	1.300 mm (51")	1.600 mm (63")	2.100 mm (83")