

ULTRA PURE FOR SOLAR PANELS



IPC

EAGLE

MOST FREQUENT USE

RETAIL



HOSPITALITY



CLEANING CONTRACTORS



EDUCATION



DIFFERENT WORKING LENGTHS



WITH HYDRO TUBE



WITH HYDRO CART



CLEANING AND MAINTENANCE OF SOLAR AND PHOTOVOLTAIC SOLAR PANELS

Photovoltaic panels are constantly exposed to various types of weather and are thus a target for dirt, dust, industrial residues, atmospheric pollution, algae, moss, bird droppings, etc.

The agents responsible for deterioration of the surfaces also include the chemicals used during cleaning. These form an excellent attraction for dirt and accelerate the deterioration process, with negative repercussions on the appearance and above all, the function of the structure.

The presence of these elements on the panel's surface prevents the sun's rays from filtering onto the panel's photovoltaic cells completely, reducing the solar performance and therefore efficiency.

Research and data on solar panels show that the efficiency of panels not clean regularly can rapidly drop. cleaning has been shown to drastically increase solar output.

Rain, can be considered as a means of cleaning, but is very low in efficiency. It may be aggressive as a result of pollution. If not carefully chosen, chemical products may be aggressive to the panel materials, reducing transparency.

Chemical waste products may not be dispersed into the soil or drainage system and must be in compliance with local environmental regulations. Manual cleaning, on the other hand, represents a risk for operatives who often work at a height of 12-20 feet from the ground, with the risk of falling.

ULTRA PURE CLEANING SYSTEMS

Practical and Versatile

Available with three types of power supply: electric, gas or battery, and with a range of poles and accessories, the Ultra Pure system adapts perfectly to all solar panel cleaning needs.



Whether working in rural areas with panels installed on the ground, or in towns or cities with roof-mounted panels, Ultra Pure is the perfect solution for cleaning panels.

Why use pure water?

Ultra Pure water does not contain any chemical that could continually damage solar panels. It is just as effective as using a cleaning agent, all while costing less when minimizing the cost of chemicals. Ultra Pure water can extend the lives of solar panels.





DESCRIPTION

HYDRO TUBE

HYDRO CART

HYDRO CART BATT.

HYDRO CART ELEC.

HYDRO CART GAS

Weight	28 lbs	70 lbs	122 lbs	119 lbs	127 lbs
Power	Tap pressure	Tap pressure	12x 33 Ah Gel Batt.	115v AC, 60 hz, 10 amp	Honda gas engine
Pump	None	None	2 gpm @ 100 psi	4 pump @ 160 psi	4 gpm @ 160 psi
Working hose length	50 ft	100 ft	100 ft	100 ft	100 ft
RO membranes	1 - 4" x 40"	1 - 4" x 40"	1 - 4" x 40"	1 - 4" x 40"	1 - 4" x 40"
Pure water flow	.53 - .79 gpm	.4 - .75 gpm	.75 - 1.25 gpm	1.25 - 2.0 gpm	1.25-2.0 gpm
Hose reel	None	Optional	Optional	Optional	Optional
Concentrate recirculation	No	No	Yes	Yes	Yes
Concentrate flow rate	0.53 gpm	0.53 gpm	0.53 gpm	0.8 gpm	0.8 gpm
Number of poles	1	1	1-2	2-3	2-3



IPC Eagle Corporation
12450 Oliver Ave S Burnsville, MN 55337

800-486-2775
info@ipceagle.com