

**Алматы** (7273)495-231  
**Ангарск** (3955)60-70-56  
**Архангельск** (8182)63-90-72  
**Астрахань** (8512)99-46-04  
**Барнаул** (3852)73-04-60  
**Белгород** (4722)40-23-64  
**Благовещенск** (4162)22-76-07  
**Брянск** (4832)59-03-52  
**Владивосток** (423)249-28-31  
**Владикавказ** (8672)28-90-48  
**Владимир** (4922)49-43-18  
**Волгоград** (844)278-03-48  
**Вологда** (8172)26-41-59  
**Воронеж** (473)204-51-73  
**Екатеринбург** (343)384-55-89

Россия +7(495)268-04-70

**Иваново** (4932)77-34-06  
**Ижевск** (3412)26-03-58  
**Иркутск** (395)279-98-46  
**Казань** (843)206-01-48  
**Калининград** (4012)72-03-81  
**Калуга** (4842)92-23-67  
**Кемерово** (3842)65-04-62  
**Киров** (8332)68-02-04  
**Коломна** (4966)23-41-49  
**Кострома** (4942)77-07-48  
**Краснодар** (861)203-40-90  
**Красноярск** (391)204-63-61  
**Курск** (4712)77-13-04  
**Курган** (3522)50-90-47  
**Липецк** (4742)52-20-81

**Магнитогорск** (3519)55-03-13  
**Москва** (495)268-04-70  
**Мурманск** (8152)59-64-93  
**Набережные Челны** (8552)20-53-41  
**Нижний Новгород** (831)429-08-12  
**Новокузнецк** (3843)20-46-81  
**Ноябрьск** (3496)41-32-12  
**Новосибирск** (383)227-86-73  
**Омск** (3812)21-46-40  
**Орел** (4862)44-53-42  
**Оренбург** (3532)37-68-04  
**Пенза** (8412)22-31-16  
**Петрозаводск** (8142)55-98-37  
**Псков** (8112)59-10-37  
**Пермь** (342)205-81-47

Казахстан +7(7172)727-132

**Ростов-на-Дону** (863)308-18-15  
**Рязань** (4912)46-61-64  
**Самара** (846)206-03-16  
**Санкт-Петербург** (812)309-46-40  
**Саратов** (845)249-38-78  
**Севастополь** (8692)22-31-93  
**Саранск** (8342)22-96-24  
**Симферополь** (3652)67-13-56  
**Смоленск** (4812)29-41-54  
**Сочи** (862)225-72-31  
**Ставрополь** (8652)20-65-13  
**Сургут** (3462)77-98-35  
**Сыктывкар** (8212)25-95-17  
**Тамбов** (4752)50-40-97  
**Тверь** (4822)63-31-35

Киргизия +996(312)96-26-47

**Тольятти** (8482)63-91-07  
**Томск** (3822)98-41-53  
**Тула** (4872)33-79-87  
**Тюмень** (3452)66-21-18  
**Ульяновск** (8422)24-23-59  
**Улан-Удэ** (3012)59-97-51  
**Уфа** (347)229-48-12  
**Хабаровск** (4212)92-98-04  
**Чебоксары** (8352)28-53-07  
**Челябинск** (351)202-03-61  
**Череповец** (8202)49-02-64  
**Чита** (3022)38-34-83  
**Якутск** (4112)23-90-97  
**Ярославль** (4852)69-52-93

<https://laswim.nt-rt.ru> || [aiw@nt-rt.ru](mailto:aiw@nt-rt.ru)

## Protein Skimmer

### LLDPE Protein Skimmer



The body of this series protein skimmer is made from UV rated linear low density polyethylene (LLDPE) material, which makes the protein skimmer rugged, ozone safe and UV-resistant, and adopts rotationally molded design, it is once piece, eliminating potential leaking and failures from seams and weld points. Equipped with an automatic washdown system and touch screen controller for a simple and convenient programming of rinse cycles for the internal and external cone. It is designed to carry out the protein fractionation process efficiently and help to save the operation and maintenance cost. At the same time, stocking densities and growth rates are all enhanced and animal health improved.

### Product Description

The body of this series protein skimmer is made from UV rated linear low density polyethylene (LLDPE) material, which makes the protein skimmer rugged, ozone safe and UV-resistant, and adopts rotationally molded design, it is once piece, eliminating potential leaking and failures from seams and weld points. Equipped with an automatic washdown system and touch screen controller for a simple and convenient programming of rinse cycles for the internal and external cone. It is designed to carry out the protein fractionation process efficiently and help to save the operation and maintenance cost. At the same time, stocking densities and growth rates are all enhanced and animal health improved.

### Features

- High venturi air flow direct injection system.
- Rotation molded LDPE main Body.
- Vanstone inlet flange.
- Cost saving dual seawater & potable water top cup rinse system.

- Individual electronic timer control and electrical solenoid for rinse system.
- Special designed venturi injection pump.
- Adjustable air flow meter for ozone injection.
- Anti-siphon design.
- Built-in floor anchoring point.
- All clear acrylic top cup and funnel.
- Ozone vent and fresh air make up vent on top cup.
- Pillow base included for venturi pump.
- Retracting top cup seawater rinse spray head.
- Easy to install, normally 3-6 hours for complete installation with minimum tool.

## Seawater venturi pump

Pump material	PPO+PPE+30%FRP
Shaft	316SS+PVC
Mechanical seal	High density silicon carbide surface
O-ring	viton(high corrosion resistance)
Water proof standard	IP55(ODP)
Pump housing	Aluminum alloy
Power supply	220V/1N/50Hz,380V/3N/50Hz
Motoser	2950rpm
Liquid temperature	5-50°C
Ambient temperature	≤50°C
Max. working pressure	0.3MPa

Model	Flow rate (@120S) m <sup>3</sup> /h	Flow rate (@90S) m <sup>3</sup> /h	Diameter of reaction chamber(mm)	Total height (mm)	Total volume(L)	Venturi quantity	Water inlet(mm)	Water outlet(mm)
WL-LDPE25	7	9	420	2134	226	1	φ50	φ63
WL-LDPE50	14	18	550	2515	452	1	φ63	φ90
WL-LDPE75	24	32	730	2591	797	1	φ63	φ90
WL-LDPE150	40	54	950	2565	1350	1	φ90	φ110
WL-LDPE300	84	112	1350	2794	2800	1	2*φ90	φ160
WL-LDPE600	166	222	1650	3658	5540	2	2*φ110	φ225
WL-LDPE1000	282	376	2134	3658	9407	4	2*φ160	φ315
WL-LDPE2000	344	458	2134	4267	11445	4	2*φ225	φ400

## Protein Skimmer WL-WPSB



In the water recirculating aquaculture or aquarium project, if the protein in the water is not removed in time, excessive accumulation will cause the water to appear milky white or yellow, even after decomposition, it will damage the water quality seriously and produce toxic substances, such as ammonia nitrogen, nitrite, nitrate, phosphate, etc. This high efficient protein skimmer is designed to remove these impurities.

In the water recirculating aquaculture or aquarium project, if the protein in the water is not removed in time, excessive accumulation will cause the water to appear milky white or yellow, even after decomposition, it will damage the water quality seriously and produce toxic substances, such as ammonia nitrogen, nitrite, nitrate, phosphate, etc. This high efficient protein skimmer is designed to remove these impurities.

### Applications

---

- Aquariums
- Fish farm
- Recirculation aquaculture system

### Features

---

- Environment friendly and high efficient, low energy consumption.
- High performance venturi injection system to produce sufficient air bubble.
- Remove the suspended solids while increasing oxygen in the water.
- The body is made from FRP (polyester reinforced with fiberglass) , anti-corrosion and anti-UV.
- Reduce the load imposed on bio-filtration system and stabilize water's pH value.
- Trouble-free design, for easy installation and maintenance.
- With collecting tank, easy for disassembling and cleaning.

### Product Parameters

---

Model	Tank diameter (mm)	Tank height(mm)	Flow rate(m <sup>3</sup> /h)	In/Output (mm)	Waste( mm)	Venturi Qty(pcs )	Pump Power( kw)
WL-WPSB400	400	2500	10/7.5	63/90	50	1"*1	0.75*1
WL-WPSB600	600	2700	22/16	90/110	50	1.5"*1	1.1*1
WL-WPSB800	800	3100	45/34	90/110	50	1.5"*1	1.5*1
WL-	900	3100	55/42	90/140	50	2"*1	2.2*1

WPSB900							
WL- WPSB1000	1000	3600	85/65	110/160	63	1.5"*2	1.1*2

**А**лматы (7273)495-231  
**А**нгарск (3955)60-70-56  
**А**рхангельск (8182)63-90-72  
**А**страхань (8512)99-46-04  
**Б**арнаул (3852)73-04-60  
**Б**елгород (4722)40-23-64  
**Б**лаговещенск (4162)22-76-07  
**Б**рянск (4832)59-03-52  
**В**ладивосток (423)249-28-31  
**В**ладикавказ (8672)28-90-48  
**В**ладимир (4922)49-43-18  
**В**олгоград (844)278-03-48  
**В**ологда (8172)26-41-59  
**В**оронеж (473)204-51-73  
**Е**катеринбург (343)384-55-89

**И**ваново (4932)77-34-06  
**И**жевск (3412)26-03-58  
**И**ркутск (395)279-98-46  
**К**азань (843)206-01-48  
**К**алининград (4012)72-03-81  
**К**алуга (4842)92-23-67  
**К**емерово (3842)65-04-62  
**К**иров (8332)68-02-04  
**К**оломна (4966)23-41-49  
**К**острома (4942)77-07-48  
**К**раснодар (861)203-40-90  
**К**расноярск (391)204-63-61  
**К**урск (4712)77-13-04  
**К**урган (3522)50-90-47  
**Л**ипецк (4742)52-20-81

**М**агнитогорск (3519)55-03-13  
**М**осква (495)268-04-70  
**М**урманск (8152)59-64-93  
**Н**абережные Челны (8552)20-53-41  
**Н**ижний Новгород (831)429-08-12  
**Н**овокузнецк (3843)20-46-81  
**Н**оябрьск (3496)41-32-12  
**Н**овосибирск (383)227-86-73  
**О**мск (3812)21-46-40  
**О**рел (4862)44-53-42  
**О**ренбург (3532)37-68-04  
**П**енза (8412)22-31-16  
**П**етрозаводск (8142)55-98-37  
**П**сков (8112)59-10-37  
**П**ермь (342)205-81-47

**Р**остов-на-Дону (863)308-18-15  
**Р**язань (4912)46-61-64  
**С**амара (846)206-03-16  
**С**анкт-Петербург (812)309-46-40  
**С**аратов (845)249-38-78  
**С**евастополь (8692)22-31-93  
**С**аранск (8342)22-96-24  
**С**имферополь (3652)67-13-56  
**С**моленск (4812)29-41-54  
**С**очи (862)225-72-31  
**С**таврополь (8652)20-65-13  
**С**ургут (3462)77-98-35  
**С**ыктывкар (8212)25-95-17  
**Т**амбов (4752)50-40-97  
**Т**верь (4822)63-31-35

**Т**ольятти (8482)63-91-07  
**Т**омск (3822)98-41-53  
**Т**ула (4872)33-79-87  
**Т**юмень (3452)66-21-18  
**У**льяновск (8422)24-23-59  
**У**лан-Уда (3012)59-97-51  
**У**фа (347)229-48-12  
**Х**абаровск (4212)92-98-04  
**Ч**ебоксары (8352)28-53-07  
**Ч**елябинск (351)202-03-61  
**Ч**ереповец (8202)49-02-64  
**Ч**ита (3022)38-34-83  
**Я**кутск (4112)23-90-97  
**Я**рославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

<https://laswim.nt-rt.ru> || [aiw@nt-rt.ru](mailto:aiw@nt-rt.ru)