

# About Us



Apsilon Engitech offer complete range of swimming pool and spa filtration components, like as Filter, Pumps, Pool Fittings and other accessories.

Apsilon Engitech also serve in the leisure market, we specialize in the design, supply, installation and maintenance of a wide variety of Swimming Pools, Spas, Olympic Pools, Hydrotherapy Pools.

We pride ourselves in the way we can adapt to your project. We specialize in providing a quality service that is tailored to exactly what you need right from the start. We provide a committed and personal service geared to meeting your expectations, regardless of the size and complexity of the project.

We install only the most up-to-date equipment available on the international market, i.e. filtration systems, automatic chemical dosing equipment, automatic pool covers, underwater lighting, counter current system, massage nozzles, etc. to ensure that you receive the very best of equipment and value for money. We deal with all aspects of the installations both for commercial and domestic installations.



# Content

Swimming pool Bobbin Wound Sand Filter	02
Swimming pool high flow Circulation Pumps	06
Swimming Pool Basin Items	10
Jacuzzi Fittings	11
Pool Side Equipment	14
Auto dosing (pH/ ORP) system	15
Ozone Generator	16
Swimming Pool Lights	18
Swimming Pool Maintenance Accessories	19
Steam Room	21
Sauna	22
Special Products	23
Heat Pumps	24
Life Saving Equipments	26
Competition Equipments	26
Readymade Jacuzzi	27
Swimming Pool Covers and Roller	27
Pipe less Filter	28
Pool Side Leisure Furniture	30
UPVC Valves- Fittings- Pipe	32



# Swimming pool Bobbin Wound Sand Filter

# Swim Spa

# Top Mount Valve Filter

### **Features**

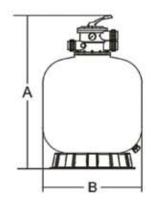
- TOP MOUNT Sand Filters are manufactures with high grade fiberglass and resins utilizing the latest engineering techniques ensuring high quality and superior strength for long life and durability. Just as sand is utilized to clean our oceans and rivers you can enjoy the benefits of a sand filtered swimming pool.
- + High Rate Sand Filters- the natural solution for perfectly filtered pool water.
- Heavy duty UV resistant fiberglass tank.
- Ergonomically designed six position multiport valves.
- High performance filtering action.
- Resistant to chemicals and corrosion.
- Sight glass for inspection of filtered water.
- Pressure gauge for inspection of operating pressure.
- + Virtually maintenance free, simply backwash filters when required.
- Sand drain plug for easier sand removal/replacement.
- The Outlet Turbidity is Less than 2 NTU

# Specifications

Maximum Working Pressure : 2.5 kg/cm2 (35psi)

Testing Pressure : 4 kg/cm2 Maximum Water Temperature : 50° C

Model	Design Flow m <sup>3</sup> /h	Filtration Area	Pipe Size	Sand Required (Kg.)	A (mm)	B (mm)
T450-18"	8.2	0.17	1.5	75	815	450
T525-20"	12	0.22	1.5	90	880	525
T625-25"	16.4	0.36	1.5	150	1005	625
T700-28"	21.3	0.41	1.5	190	1100	700
T750-30"	24.2	0.45	2.0	210	1180	750
T800-33"	26.8	0.51	2.0	300	1310	800
T900-36"	32.6	0.65	2.0	400	1380	900
T1000-40"	40.3	0.81	2.0	500	1495	1000
T1100-44"	49.0	0.99	2.0	600	1580	1100
T1200-48"	56.0	1.14	2.0	750	1600	1200
T1400-56"	76.3	1.56	2.0	1000	1810	1400







# Swimming pool Bobbin Wound Sand Filter

# Swim Spa

# Side Mount Valve Filter

### Features Side Mount Valve Filter

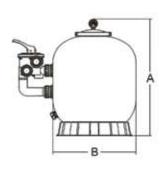
- Side Mount Sand Filters are manufactures with high grade fiberglass and resins utilizing the latest engineering techniques
  ensuring high quality and superior strength for long life and durability. Just as sand is utilized to clean our oceans and
  rivers you can enjoy the benefits of a sand filtered swimming pool.
- High Rate Sand Filters- the natural solution for perfectly filtered pool water.
- Heavy duty UV resistant fiberglass tank.
- Ergonomically designed six position multiport valves.
- High performance filtering action.
- Resistant to chemicals and corrosion.
- Sight glass for inspection of filtered water.
- Pressure gauge for inspection of operating pressure.
- Virtually maintenance free, simply backwash filters when required.
- Sand drain plug for easier sand removal/replacement.
- The Outlet Turbidity is Less than 2 NTU

# Specifications

Maximum Working Pressure : 2.5 kg/cm2 (35psi)

Testing Pressure : 4 kg/cm2 Maximum Water Temperature : 50° Cz

Model	Design Flow m <sup>3</sup> /h	Filtration Area	Pipe Size	Sand Required (Kg.)	A (mm)	B (mm)
S400-16"	6.420	0.13	1.5	70	700	400
S450-18"	7.920	0.16	1.5	80	730	450
S525-22"	12.00	0.22	1.5	130	780	525
S650-25"	16.34	0.33	1.5	170	880	650
5700-28"	20.30	0.41	1.5	190	945	700
S750-30"	21.78	0.44	2.0	210	960	750
S800-33"	24.75	0.50	2.0	300	1080	800
S900-36"	31.68	0.64	2.0	400	1100	900
S1000-40"	39.10	0.79	2.0	500	1285	1000
S1100-44"	47.03	0.95	2.0	600	1380	1100
S1200-48"	55.94	1.13	2.0	750	1500	1200
S1400-56"	76.23	1.54	2.0	1000	1580	1400







# Swimming pool Bobbin Wound Sand Filter

# Swim Spa

# Commercial Filter

### **Features**

- Commercial Sand Filters are manufactures with high grade fiberglass and resins utilizing the latest engineering techniques ensuring high quality and superior strength for long life and durability. Just as sand is utilized to clean our oceans and rivers you can enjoy the benefits of a sand filtered swimming pool.
- It is the best choice that is applied to public pools, water amusement parks, aquariums and other water treatment facilities.
- + High Rate Sand Filters- the natural solution for perfectly filtered pool water.
- + Heavy duty UV resistant fiberglass tank.
- Ergonomically designed six position multiport valves.
- High performance filtering action.
- Resistant to chemicals and corrosion.
- A Unique and advanced design ensures fast draining and stabilizes water flow.
- Pressure gauge for inspection of operating pressure.
- + Virtually maintenance free, simply backwash filters when required.
- Sand drain plug for easier sand removal/replacement.
- The Outlet Turbidity is Less than 2 NTU

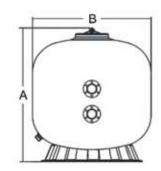
# **Specifications**

Maximum Working Pressure : 4.0 kg/cm2 (58 psi)

Testing Pressure : 6 kg/cm2 Maximum Water Temperature : 50° C

Model	Design Flow m <sup>3</sup> /h	Filtration Area	Pipe Size	Sand Required (Kg.)	A (mm)	B (mm)
SF-1200	56	1.14	3	1100	1450	1200
SF-1400	76	1.56	4	1900	1520	1400
SF-1600	100	2.01	4	2600	1760	1600
SF-1800	129	2.54	4	3500	1940	1800
SF-2000	157	3.14	6	4100	2420	2000
SF-2400	218	4.34	6	8900	2520	2400
SF-2500	246	4.91	6	11000	2680	2500











# Swimming pool high flow Circulation Pumps



 SQP Series Model No.:SQP75, SQP100

### Applications:

SQP Series pumps are used in swimming pool, spas, Jacuzzi, bathtubs and cleaning systems.

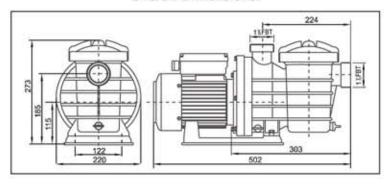
#### Features:

- + Self Priming
- + Wet ends made of high reinforced engineering thermal plastic with compact structure and corrosive resistance.
- + 1.5 inch inlet and outlet
- High efficient structure design for diffuser and impeller to get high performance.
- Compact Design
- Maximum Suction 1.5 mtr.

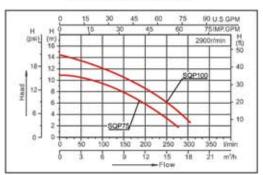
#### Motor:

- + 2 Pole induction motor single phase 220-240 V / 50 Hz Single phase with thermal protector
- + F Class insulation
- IP55 Protection Class
- + Built with Thermal Protector

## **Overall Dimensions:**



### Performance Curve:



# Swimming Pool Pumps:

Model	Power KW / HP	Max Head M	Max Flow L / Min	Fitting Size mm	Dimension mm	Weight (kg)
SQP75	0.55/0.75	11	280	48.5 or 50	535 x 250 x 330	10.6
SQP100	0.75/1.0	14.5	310	48.5 or 50	535 x 250 x 330	11





# Swimming pool high flow Circulation Pumps



STP Series

Model No: STP150, STP200, STP300

### Applications:

STP Series pumps are used in swimming pool, spas, Jacuzzi, bathtubs and cleaning systems.

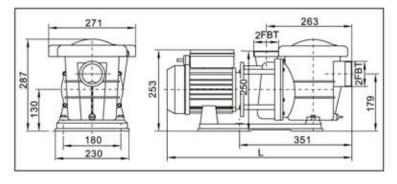
#### Features:

- Wet ends made of high reinforced engineering thermal plastic with compact structure and corrosive resistance.
- + 2 inch inlet and outlet
- + High efficient structure design for diffuser and impeller to get high performance.
- Compact Design
- + Maximum Suction 1.5 mtr.

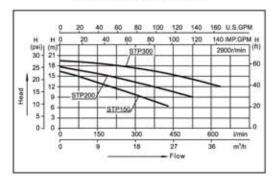
#### Motor:

- + 2 Pole induction motor single phase 220-240 V / 50 Hz Single phase with thermal protector
- + FClass insulation
- IP55 Protection Class
- + Built with Thermal Protector

## Overall Dimensions:



### Performance Curve:



# Swimming Pool Pump:

Model	Power KW / HP	Max Head M	Max Flow L / Min	Fitting Size mm	Dimension mm	Weight (kg)
STP150	1.10/1.50	16.5	430	48.5/50/60.3/63	600 x 280 x 345	14
STP200	1.50/2.00	18	520	48.5/50/60.3/63	600 x 280 x 345	15.5
STP300	2.2/3.0	19	635	48.5/50/60.3/63	600 x 280 x 345	18





# Swimming pool high flow Circulation Pumps



SWIM-2 Series

Model No: SWIM 2-150, SWIM 2-200, SWIM 2-250, SWIM 2-300, SWIM 2-400

### Applications:

SWIM 2 Series pumps are used in swimming pool, spas, Jacuzzi, bathtubs and cleaning systems.

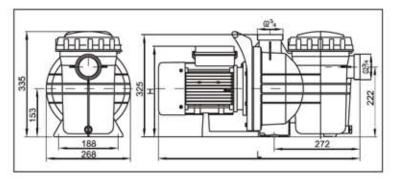
#### Features:

- + Self Priming
- + Wet ends made of high reinforced engineering thermal plastic with compact structure and corrosive resistance.
- + 2 inch inlet and outlet
- High efficient structure design for diffuser and impeller to get high performance.
- Maximum Suction 3.0 mtr.

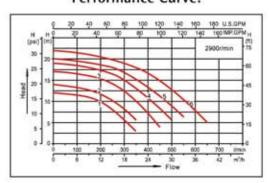
### Motor:

- + 2 Pole induction motor single phase 220-240 V / 50 Hz Single phase with thermal protector
- + F Class insulation
- + IP55 Protection Class
- + Built with Thermal Protector

## **Overall Dimensions:**



# Performance Curve:



# Swimming Pool Pump:

Model	Power KW / HP	Max Head M	Max Flow L / Min	Fitting Size mm	Dimension mm	Weight (kg)
SWIM 2-150	1.1/1.5	14	350	48.5/50	640 x 290 x 385	8.9
SWIM 2-200	1.5/2.0	17	450	48.5/50	640 x 290 x 385	9.5
SWIM 2-250	1.85/2.5	19	500	48.5/50	640 x 290 x 385	10.5
SWIM 2-300	2.2/3.0	20	550	48.5/50/60.3/63	640 x 290 x 385	14
SWIM 2-400	3.0/4.0	22	650	48.5/50/60.3/63	665 x 290 x 385	15.5







# Swimming Pool Basin Items



### Main Drain

We also have with us extensive experience in successfully matching up with the demands of Square ABS Main Drain. These are highly instrumental in matching up with the specific end usage demands in swimming pools. Further, we also ensure that these qualitative ranges of Drain Traps are made available in different finish specifications. These drain taps are used in inline agitation system & can handle both liquid and solid materials to pass through it.



# Suction Inlet

Suction Inlet is the point located on the pool wall which use for the vacuuming of the bottom dust mounted in the pool.



# Floor Inlets & Eye Ball Wall Inlet

Pool inlets are the points located in the pool through which filtered water returns back into the pool after passing through the filter.



# Circular Drain

Manufactured using superior grade ABS material, round drain cover is available for both pre-fabricated and concrete pools. These drain covers can also be Customized as per the specific pool requirement.

# **Special Features**

- Made of white ABS with UV protection Included
- + Side connection with 2" thread
- Available for concrete and pre-fabricated pools.
- + Drain grilles used in concrete pools with a built-in main drain



### Skimmers

### Wall Skimmers

Standard Skimmer



Wide Mouth Skimmer



Concrete Skimmers

Standard Skimmer



Wide Mouth Skimmer





# Jacuzzi Fittings



# Air Water Tee Body Jet

Massage Jets for Jacuzzi in concrete & acrylic adjustable water & air flow quantity directional flow adjustment for lower & upper back & legs suitable for use with blowers.

Water Connection : 40 mm Air Connection : 25 mm



# Air Controller

Air Volume Controller for Mixing Air in Massage Jet. Adjustable Air Volume & Muffler for Air Noise Reduction Made from ABS with 32 mm OD male Threaded Connection.

Air Controller 40 mm



## Air Bubbler Nozzle

Air Inlet Nozzles in Jacuzzi or Spa with 25 mm. Solvent & Threaded End Connection. Made from ABS. Suitable for Use with Blower.



# Spa Suction Drain

Spa Suction Drain made with ABS. Connection size 50mm dia.



### Air Blower

Side channel blower for air massage in spa pools and swimming pools. The side channel blower can be started from the poolside using pneumatic or low-voltage controls. The blower can be installed horizontally or vertically. Pipe connections are made via an air loop 50 cm above the water surface. Blower housing, blower wheel and side channel in cast aluminum.









# Pool Side Equipment

# Swimming pool Ladders

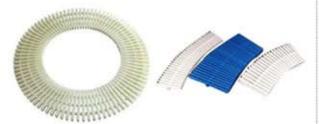
Available in 2 steps, 3 steps, 4 steps, 5 steps





# Overflow Gratings

Available size in 180 mm, 200 mm, 250 mm, 300 mm, 350 mm, 450 mm



# Sanitization of Pool

Chlorination (Chlorine Feeder and TCCA 90 %)



TCCA 90 % Granular and Tablet Form



9 LB (4 Kg)
Online Chlorine feeder kit

# UV System

We are offering Sukrut UV Sterilization System to our clients. Sukrut offers a high quality Ultraviolet system for disinfection and TOC reduction.

The Sukrut range of UV Products is proven in numerous applications including:

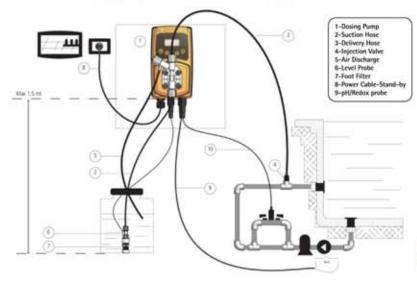
- Drinking Water Disinfection
- Drinking Water Purification
- Wastewater Treatment
- Wastewater Recycling
- Rainwater Harvesting
- Water Reuse
- · Swimming Pool Treatment
- Bacteria Removal
- Virus Removal
- Air Disinfection





# Auto dosing (pH/ORP) system







Auto dosing pump is proportional dosing pump with level control.

It is driven by internal built-in pH or Redox (ORP) meter (electrode not included with standard scope of supply).

#### Ranges:

pH: 0 - 14 pH

ORP: -999mV - +999mV

#### **FEATURES**

Select pH or ORP parameter by menu: choose MODE and set pH or ORP. In both modes, the pump can be set to dose in on / off or proportional. In On / Off mode, the pump operates in two values (set-point) In proportional mode the pump doses proportionally into the set point.



You can perform a fast calibration on standard value.
7.0 and 4.0 for pH, 650 mV for ORP. For different value proceed to a full calibration.

#### Restore last calibration

If an error occur during calibration you can restore last calibration saved.

### Alarms

Dosing, reading (probe failure), level and stand-by. Alarm output status: N.O. or N.C.

#### DELAY

Programmable delay at dosing start up.

#### RESTORE FACTORY

Restore factory value (default value).

#### PASSWORD AND LANGUAGE

Settable password and language (EN or FR).

#### STAND-BY

Stand-by INPUT. (default N.O:)

VERIFY CHEMICAL COMPATIBILITY OF PUMP HEAD, O-RING AND HOSES BEFORE USE. Refer to 
Chemical Compatibility table.



VMS series



WD series



AMS series



KMS series



TMS series



# Ozone Generator

# **Product Specification:**

Model No. Series - 2\*/ 3\*/ 5 / 7/ 10 / 15 / 20 / 40

Make : Chemtronics® Feed Gas : Pure Dry Oxygen

MOC of Ozone Cell : SS 316 / Ceramic / PTFE / Quartz

Cell Cooling : Forced Air Cooled – internally & externally

Power Amplifier : MOSFET Technology

Driver Board Protection : Over Heat / Over Current / Over Voltage

EHT : Ferrite Based forced air cooled
Dielectric : Precision Ceramic Teflon Coating

Enclosure – MOC : Carbon Steel Enclosure – Protection : IP 54

Enclosure - Finish : RAL7035, structure powder coating

Enclosure Certification : UL certified & CE marked Indicator : Power + Standby + Ozone ON Variable Control : 25 % - 100 % (Internal) / Fixed

Operating Temperature : 20°C - 40°C

Operation : Fixed / Adjustable [Output Power & Ozone Output]

Specified life : 20,000 Working Hrs
Service Indicator : Non Resettable Hour Meter

Mounting/Installation : Floor / Wall / Skid

Line Voltage : 110 V ac / 60 Hz (90 - 135 v); I phase

: 230 V ac / 50 Hz (180 - 250 v); I phase

Oxygen Gas Sensor [Optional] : Magnetic / Optical flow switch

Ozone Level Indicator [Optional] : U.V. Photometric



Air / Water / Waste Water

#### · Standard Accessories:

Standard

Oxygen Tubing: MOC - Polyurethane - 03 meter
 Ozone Tubing: MOC - Polyurethane - 03 meter

· Optional:

Ventury: ¼", 1", 1½" (MOC - PVDF)
 Static Mixer: 1", 1½" (PVC / SS-316)
 Back Flow Preventer: ½" (PVC / SS-304)

# Technical Specification:

Model	Ozone Output (gm/hr)	Oxy. Flow (LPM)	Concentration (mg/l)	Dimension mm (H X W X D)	Net Wt (kg)	Power (w)
2*	1.2 - 2.5	0.5 - 2.0	50.0 - 35.0	300 x 250 x 155	7	25
3*	2.5 - 3.5	0.5 - 2.0	82.0 - 49.0	400 x 300 x 210	10	90
5	3.0 - 5.2	0.5 - 2.5	75.0 - 50.0	500 x 400 x 210	12	120
7	4.5 - 7.5	1.0 - 3.0	70.0 - 45.0	500 x 400 x 210	13	150
10	6.5 - 11.0	1.0 - 5.0	105.0 - 45.0	700 x 500 x 210	15	200
15	12.0 - 15.0	3.0 - 5.0	90.0 - 40.0	700 x 500 x 210	16	220
20	18.0 - 22.0	6.0 - 10.0	106.0 - 50.0	800 x 600 x 210	20	350
40	30.0 - 43.0	6.0 - 10.0	100.0 - 75.0	700 x 500 x 210	32	500

















# Swimming Pool Lights



# Halogen type

Available in 100 Watt, 12V Color: Warm White



# LED type

Available Range: 6 Watt, 9 Watt, 12 Watt, 18 Watt, 36 Watt

Warm White, Blue, White, Green, Red





# SS LED Type

Available Range: 10 Watt, 20 Watt

Color:









• Trolley Mounted Filtration System



• Trolley Mounted Suction Sweeper





 SS Vacuum Head (with Single or Double Brush)

Range: 350mm, 450mm, 600mm, 900mm

# Swimming Pool Maintenance Accessories



# Vacuum Head

Range: 14 inch and 18 inch Aluminum Vacuum Head



# Algae Brush

Range: 10 inch and 18 inch stainless steel



# Wall Brush

Range: 18 inch Nylon type wall brush



# Vacuum Hose Pipe

Range: 9 meter, 15 meter and 30 meter



# Telescope Handle

Range: 2.4 - 4.8 meter, 4.5 - 9.0 meter



 Chlorine & pH Measurement Test Kit





# Deep Rake Net



· Leaf Skimmer Net (Shallow)





# Steam Room Invigorating Steam Therapy







Available Range 2-20 Seaters



Steam room is made of high quality special fiber and mixed chemical proof against cracks. It can stand high temperature of 80C over 120 hours and keep original appearance without distortion and cracking.



The domed ceiling prevents condensation dropping on bathers.

Condensation drains automatically from the seal.

Tempered safety glass door, right or left-handed opening available.

Aluminum door frame and firm aluminum handles. Comfortable, individual seats integrated into the wall sections.







# Sauna Refreshing and Revitalising



Infrared Sauna



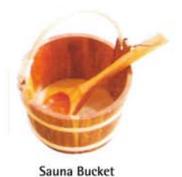




Sauna Wooden Clock























Sauna Heater



**Bath Bucket** 



# Special Products



# Robotic Pool Cleaner

· Cleans all surface types

· Climbs walls and obstacles

· Scrubs waterline

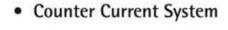
· PVA brushes for superior grip

· No installation required

· Minimal maintenance

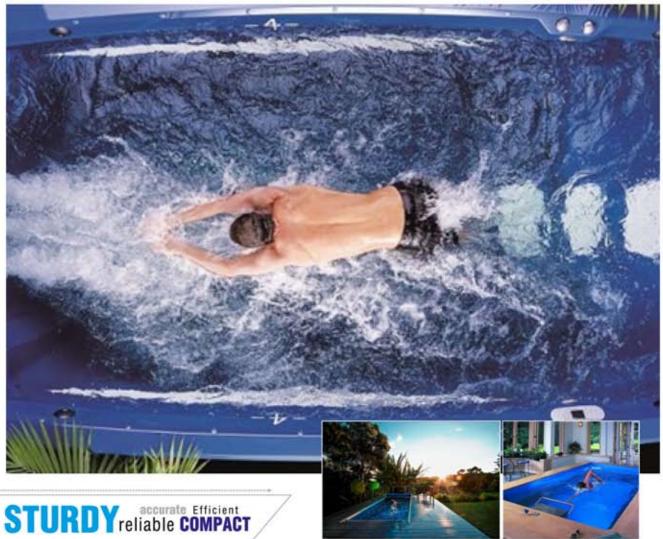
· 'Clean filter bag' indicator (115V model only)

· Convenient caddy option available



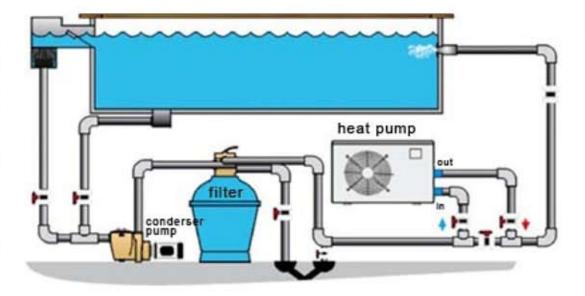


# Endless Pool



# Heat Pumps







- 1. Swimming Pool
- 2. Chlorinator
- 3. Pump
- 4. Sand Filter
- 5. Pool Chiller & Heat Pump





Heater







# Life Saving Equipments



Life Ring



Floating Bed



· Life Guard Chair



Life Jacket





Life Saving Hook



Starting Blocks





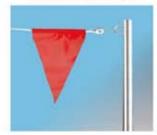
Lane Ropes & Reel



 False Start Indicator Post



 Back Stroke Indicator Post



· Diving Board with Fulcrum





# Readymade Jacuzzi





# Swimming Pool Covers and Roller

We offers a range of swimming pool covers to suit every need, from our exclusive premium quality, premium payback cover, through to the new and unique Geo-Bubble design which has multiple user benefits, right to the long established industry standard 400 and 500 micron traditional Bubble covers with rollers.





# Pipe less Filter

Range: 15 m³/hr, 25 m³/hr, 35 m³/hr









TECHNICAL CHARACTERISTICS				
Dimensions	Variable			
Flow rate	15m3/h, 25m3/h, 35m3/h			
Voltage	220V / 50Hz or 60 Hz			
Precision of filtration bag	<5u			
Operating Noise	<50Db			
Material	Acrylic			
Installation	Wall mounting			

EQUIPMENT				
Filtration Pump	1x1.5HP, 1x2HP, 1x3HP			
Filtration basket with bag	1pc			
Chlorine feeder	1pc			
Light	1 x LED or 100w			
Time controller	1pc			
Swim Jet	2pcs			
Handle rail (S.S.)	2pcs			
Heater (optional)	1pc			
Ozone (optional)	1pc			

SYSTEM			
Filtration System	1pc		
Disinfection System	1pc		
Time Control System	1pc		
Circle System	1pc		
Lighting System	1pc		









# Pool Side Leisure Furniture

Lounger Chair





Umbrella







# Waterfall



# Fountain



# • Mushroom Umbrella





# UPVC Values- Fittings- Pipe

# (SANKING/ WF/ DUTRON make)



WE are offering good quality UPVC- gray color-valves, fittings and pipe.

=> Thermoplastic Valves

Ball Valve, Check Valve, Foot Valve, Butterfly Valve, Diaphragm Valve

=> Thermoplastic Fittings

Accessory, ASTM Schedule 80 Fittings, DIN PN16 Fittings, Clear PVC Fittings, PPH Fittings, Brass Inserted Fittings

### DESCRIPTION:

- 1) Material: UPVC-GRAY
- 2) Size:1/2"-10"
- 3) Joint End: Socket, Threaded NPT, SPF
- 4) Standard: ASTM, DIN
- 5) Working Pressure: 150-300 PSI
- 6) Operating Temperature: UPVC(0~45)
- 7) Handle color: red, blue
- 8) Valve body color: UPVC (dark gray)







Factory Address 1

48-GF, Shayona Silver Estate, Rakesh Chemical Lane, B/h. Silver Oak Collage, S.G. Highway, Gota, Ahmedabad - 382481 Gujarat, India.

Factory Address 2

86, Neelkanth Industrial Park, Tube Compound,
Near Vatva GIDC Over Bridge, Vatva, Ahmedabad - 382445 Gujarat, India.

Regd.Office

38, Kailashdham Part-1, B/h Ajay tenament Part-4, Near Ranchod Colony, Amraiwadi, Ahmedabad -380026 Gujarat, India.



Phone

Rakesh Prajapati: +91 96012 56690 Ankit Parmar: +91 85111 37186



info@apsilonengitech.com ap@apsilonengitech.com rakesh@apsilonengitech.com



www.apsilonengitech.com