



C.M.P. GROUP

S I N C E 1 9 7 5

"Your Industrial Applications Partner"



"C.M.P. GROUP" has been consistently expanding throughout the last 4 decades since 1975. Experience in the distribution, construction, installation, servicing, and after-sales of industrial goods such as Pumps, Pipe Fittings & Valves, Instrument, Mixer, and Water Treatment & Purifier Equipment for industrial applications, which now has led to the company becoming a business leader in a full-services and being recognized.

We are committed to supplying an increasing number of world-class industrial products. Considering the product's performance, it encompasses all applications and should satisfy the all-level demands of customers. This is to collaborate in order to achieve business success for all clients at the same time. According to the corporate's philosophy that

"Your Industrial Applications Partner"

1975 ESTABLISHED

Established **C.M.P. Supplies Ltd., Part.** for importing and distributing chemical products and filter media which are used for water treatments at a small office in the Prasanmitr area.

1977 RELOCATED

Relocated the office to the current location on Ramkhamhaeng Road with an enlarged area.

1992 EXPANDED

Constructed the first office building and established **C.M.P. Products Co., Ltd.** to import and distribute chemical metering pumps and relevant equipment to expand the existing business.

1995 ESCALATED

Escalating the import of products to cover control valves, germicidal ultraviolet equipment, and oil skimmer & coolant treatment, as well as the expansion of a new office and warehouse building.

2001 ORGANIZED

Organized a new business unit for the first importer in Thailand on UPVC/CPVC pipes, valves, and filters as well as being a consultant to give advice on filter tank water treatment systems.

1999 CERTIFIED

ISO 9001 certified in the working process and added products in the category of flow measurement and level measurement.

2008 COLLECTED

Collected multi-company management into the **C.M.P. GROUP** under the one policy and issue the ZELLA brand that is designed, manufactured, and installed the agitator and tank to support chemical mixing applications.

2012 INNOVATED

Imported the water treatment innovation with hollow fiber membrane filters for separation and water purification in a variety of industries.

2021 REIMAGINED

Corporate reimagining to become **No.1 Industrial Applications Partner** through **Environmentally Friendly Innovation** with **Developing Societies for Sustainability**.

Company Profiles



C.M.P. Supplies Ltd.,Part.

ห้างหุ้นส่วนจำกัด ซี.เอ็ม.พี. ซัพพลาย

C.M.P. Supplies Ltd., Part. was founded in 1975. The initial and primary business is importing some kinds of chemical products and filter media which are used for water treatment in the industrial sector and distributing them to general factories of related fields in Thailand. At the same time, the company has given complete technical service and consultation according to the requirements of customers for their best solution too. And then, when gaining more experience and specific requirements in the industry, this company has enlarged for more products such as Pipe, Fittings, Valves, etc. in order to supply such demand. Nowadays, the company is still looking for new better products & services to fulfill the requirements of the market in Thailand which is continuously changed all the time.



C.M.P. Products Co.,Ltd.

บริษัท ซี.เอ็ม.พี. โปรดักส์ จำกัด

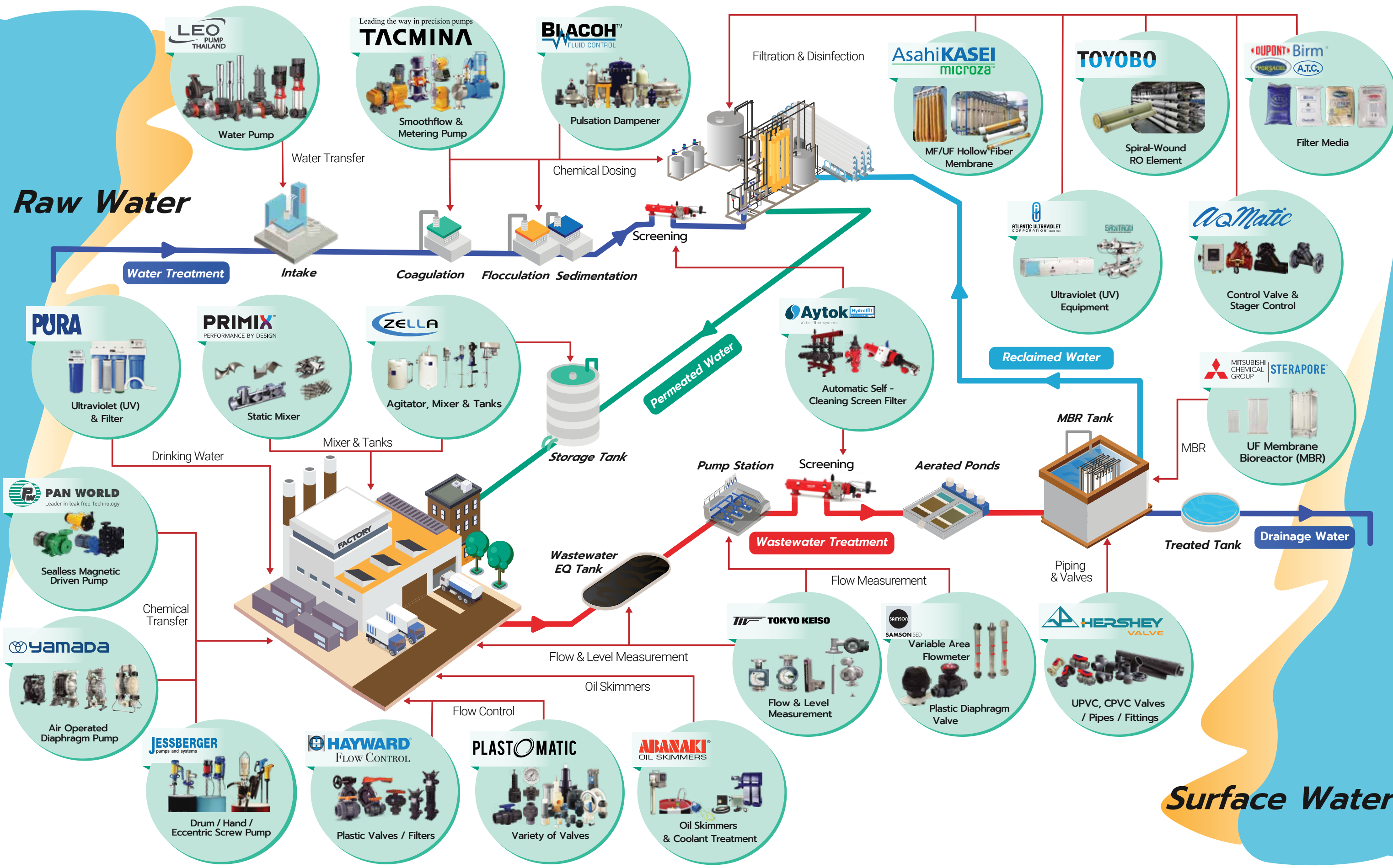
In 1992, the management team of C.M.P. Supplies Ltd., Part. has established a new company, **C.M.P. Products Co., Ltd.** to source various products and equipment including machines that have more advanced technology to supply the gap of new requirements for their appropriate applications.

This company is acting as an importer and distributor in Thailand as same as the former firm but for different classes and kinds of goods. And it has efficient and well-training staff who have full product information, technical data, etc. to promote and sell these new products and to give advice good suggestions to consultants, designers, project owners, contractors, and end-users including individuals using in a household for hygiene products of water purification and disinfection. Maintenance on after-sales service and spare parts support all the time are available from specific sections of the company as well.

At present, the **C.M.P. GROUP** emphasizes products that will not affect the environment, energy conservation, and global warming. With full awareness and responsibility for such current problems, the company has improved to a better standard for a valued customer.



Our Products are Everywhere...



Our Customers



AGC



American Standard Astemo



BRIDGESTONE Canon



CENTRALGROUP



COTTO

meiji
ชิพ-เมจิ



DAIKIN



EGAT

ENKEI



Hale's Blue Boy
Sweet . . . Delight



HONDA
The Power of Dreams

HOYA



ISUZU



KAO



KOHLER



kuraray

LION LIXIL



MEYER



MICHELIN

Minebea
Passion to Exceed Precision



Nidec

NIPPON STEEL



NOK



P&G

posco



การประปาส่วนภูมิภาค
Provincial Waterworks Authority



RODENSTOCK



SAMSUNG



SHARP

tcp TEIJIN

TOSHIBA



Thai oil



TOTO

'TORAY'
Innovation by Chemistry



Transitions
light intelligent lenses



UBE



Valeo



Western Digital



References



Delivery & Services



บริหารเป็น**ระบบ**
Systematic Management

ครบด้วย**มาตรฐาน**
TQA Standard Completed

มั่นใจใน**บริการ**
After-Sales Services Reliability

สู่ผลงาน**คุณภาพ**
Bring Quality Results

Contents



Pump | ปั๊ม

| | | |
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| Smoothflow Pump & Motor-Driven Metering Pump | "TACMINA" | 1 |
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| Air Operated Double Diaphragm Pump | "YAMADA" | 3 |
| Sealless Magnetic Drive Pump | "PAN WORLD" | 4 |
| Multistage / Centrifugal & Submersible Pump | "LEO PUMP" | 5 |
| Drum / Hand / Eccentric Screw Pump | "JESSBERGER" | 6 |



Instruments | เครื่องมือวัด

| | | |
|-------------------|---------------|---|
| Flow Measurement | "TOKYO KEISO" | 7 |
| Level Measurement | "TOKYO KEISO" | 8 |



Mixer & Tank | เครื่องกวนผสมและถัง

| | | |
|-------------------------------|------------|----|
| Static Mixer & Heat Exchanger | "PRIMIX" | 9 |
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Pipe, Fitting & Valve | ท่อ, ข้อต่อและวาล์ว

| | | |
|--------------------------------------|-----------------|----|
| UPVC, CPVC, Clear PVC Pipe / Fitting | "HERSHEY" | 11 |
| Thermoplastic Valve | "HERSHEY" | 12 |
| Solvent Cement & Primer | "WELD-ON" | 13 |
| Plastic Valve, Stainer & Filter | "HAYWARD" | 14 |
| Plastic Valve & Control | "PLAST-O-MATIC" | 15 |
| Control Valve & Stager Control | "AQMATIC" | 16 |
| Flowmeter / Plastic Diaphragm Valve | "SAMSON SED" | 17 |
| Pulsation Dampener | "BLACOH" | 18 |



Membrane & Water Purifier | เมมเบรนและอุปกรณ์กำจัดสิ่งปนเปื้อนในน้ำ

| | | |
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| MF/UF Hollow Fiber Membrane | "ASAHI KASEI MICROZA" | 19 |
| UF Membrane Bioreactor (MBR) | "MITSUBISHI STERAPORE" | 20 |
| Automatic Self-Cleaning Screen Filter | "AYTOK" | 21 |
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| Ultraviolet Water Purifier | "PURA" | 23 |
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Filter Media | สารกรอง

| | | |
|---------------------|------------|----|
| Anthracite | "A.T.C." | 25 |
| Synthetic Manganese | "BIRM" | 25 |
| Activated Carbon | "PORTACEL" | 25 |
| Cation Resin | "DUPONT" | 25 |
| Sand & Gravel | | 25 |

TACMINA is a specialist manufacturer of high-precision and functional metering pumps, and has, for over 50 years, been driven by the desire to perfect liquid transfer technology. TACMINA's approach to manufacturing is based on a thorough understanding of customers' needs. We apply valuable feedback from our customers to providing top-quality, value-added and unique products and services in keeping with the meaning of our company's name implying "master skills".



Smoothflow Pump

Performance Boosting, Problem-Solving Pump That Provide Superior Performance for Every Need Imaginable.

APL

1-45 L/min | 5 bar



TPL

High-precision



0.1-30 L/min | 5 bar

BPL

Wide Range



0.05-80 L/min | 3-10 bar

PL

Flexible



0.24-28 L/min | 5-10 bar

XPL

Compact



0.009-3 L/min | 5-15 bar

- No pulsation
- No damage caused by slurry
- No leaks
- Total cost of ownership saving
- Excellent flow rate accuracy
- Gentle on fluids
- Easy to control
- Capable of long-distance transfers
- Easy maintenance
- No foreign substances
- Capable of handling a wide variety of liquids

Q

Compact



0.005-0.1 L/min | 3-30 bar

HPL

High-Pressure



0.8-5 L/min | 100-500 bar

VPL

High Viscosity



1.6-10 L/min | 5 bar

GPL

Large Capacity



150 L/min | 3 bar

Motor-Driven Metering Pump

Direct-Driven

FXD · FYD

Diaphragm type

FXW · FYW

Double-Diaphragm type

0.03-30 L/min | 3-10 bar

Plunger

FXP · FYP

Diaphragm type

0.004-10 L/min | 12-70 bar



Hydraulic

FXM · FYM

Diaphragm type

FXMW · FYMW

Double-Diaphragm type

0.097-10 L/min | 10-25 bar

Small Direct-Driven

V

Diaphragm type

0.01-1 L/min | 3-15 bar



Solenoid-Driven Metering Pump

Small Capacity



30-100 mL/min | 4-10 bar

PZ

Manual Setting
No-Input



Standard High-viscosity Boiler
30-200 mL/min | 2-10 bar

PW

Digital Setting

Multi Functions

PW Digital-input/output
PWM Digital-input/output & Analog-input
PWT Digital-input/output & Timer Control

Middle Capacity



360-540 mL/min | 2-3 bar

PZD

Digital Setting
No-Input



360-540 mL/min | 2-3 bar

PZi

Digital Setting

Advanced Functions

PZi4 Digital-input & Analog-input
PZi8 Digital-Input/Output & Analog-Output

Large Capacity



Standard High-viscosity type
340-1000 mL/min | 3-10 bar

PZiG

Digital Setting

Advanced Functions

Digital-Input/Output & Analog-Output

For Sodium Hypochlorite



DCLPW

Air Block

In-Line Automatic Air-release

DCLPW Digital-input/output
DCLPWM Digital-input/output & Analog-input
DCLPWT Digital-input/output & Timer Control



CLPW

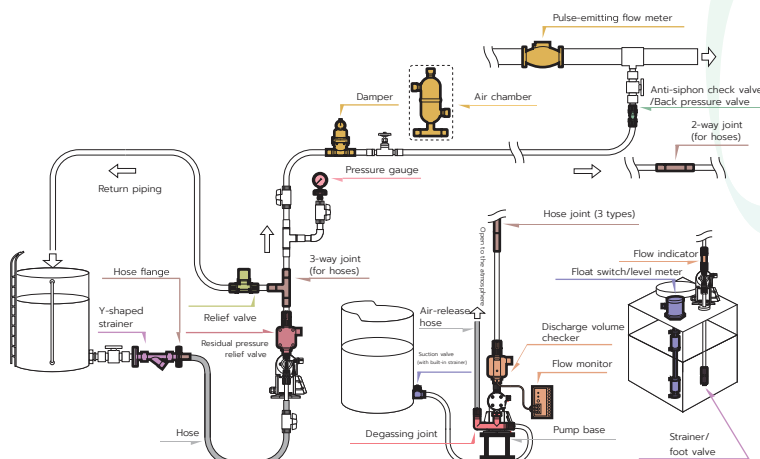
In-Line Automatic Air-release

CLPW Digital-input/output
CLPWM Digital-input/output & Analog-input
CLPWT Digital-input/output & Timer Control



CLPZ

No-Input



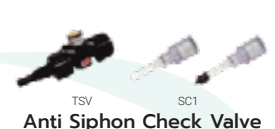
Accessories



RV Relief Valve



BV Back Pressure Valve



TSV Anti Siphon Check Valve

Chemical injection system

PTS

Tank capacity

30/50/120 L

- Compact design and easy to assemble in equipment and install
- You can start operation by simply connecting the power supply and piping.



Yamada Corporation has been a leading producer of industrial equipment since 1905, and of fluid handling products for over 60 years. As a leader in pneumatic pumping technology, Yamada is known in many industries worldwide for its innovative products, superior quality and unmatched reliability. Yamada has an impressive history of delivering new products and solving customer problems which confirm Yamada's position as the industry leader.

Air Operated Double Diaphragm Pump



NDP-5 Series (1/4")
11 L/Min



NDP-10 Series (3/8")
20 L/Min



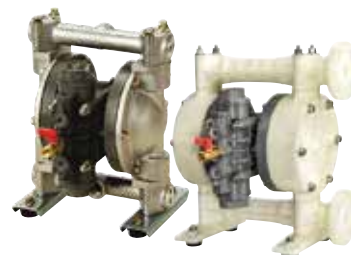
NDP-15 Series (1/2")
50 L/Min



G15 Series (1/2")
60 L/Min



NDP-20 Series (3/4")
110 L/Min



NDP-P20 Series (3/4")
110 L/Min



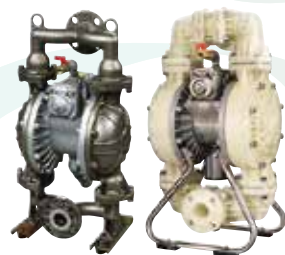
G25 Series (1")
160 L/Min



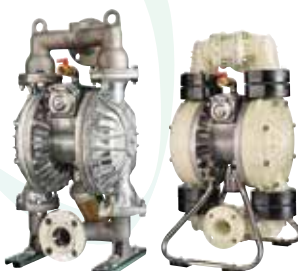
NDP-25 Series (1")
160 L/Min



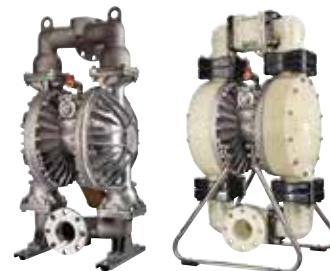
NDP-P25 Series (1")
160 L/Min



NDP-40 Series (1-1/2")
400 L/Min



NDP-50/P50 Series (2")
600 L/Min



NDP-80 Series (3")
800 L/Min

Body Material : Aluminum (ADC-12/AC4C-T6) | Stainless Steel (SCS14/SUS316) | Cast Iron (FC250/S45C) | Polypropylene (PPG) | Kynar® (PVDF) | Groundable Acetal (POM) | PTFE

Diaphragm/Check Valve Material : Neoprene (CR) | Buna N (NBR) | EPDM | Hytrel® (TPEE) | Santoprene® (TPO) | Viton® (FKM) | PTFE | PTFE+EPDM

Rear Casing

Hollow spindle of rear casing is increased durability during self priming process and expect easy gas removal.

Special cooling structure
is designed for abrasion parts to get higher reliability and easy gas removal.

Filter

The gas and substance are easily separated.

Connection method

ISO/ANSI/JIS/CNS Flange are available
BS Thread & NPT Thread, also available.

Special Impeller Vane

In order to get easy self-priming, special impeller are designed.

Pan World A wide range magnetic driven pump manufacturer established in 1992, Pan World is rapidly becoming a dominant market force in the global magnetic driven pump industry as Pan World offer a wide range of high quality pump with reasonable price owned the well reputation from market.

Sealless Magnetic Drive Pump

Small Range



PX / PX-F Series

GFRPP / CFRETFE

Max.Disc. 5.5 ~ 70 LPM

Max.Head 0.9 ~ 11.5 M



PS / PS-F Series

PPG / ETFE

Max.Disc. 35 ~ 120 LPM

Max.Head 3.3 ~ 20 M



PI-Z-D Series

PPG - Variable Speed by VDC

Max.Disc. 6 ~ 20 LPM

Max.Head 4.5 ~ 11 M

Medium Range



PW Series

PPG

Max.Disc. 130 ~ 1,040 LPM

Max.Head 6.1 ~ 25.5 M



PWF Series

ETFE

Max.Disc. 120 ~ 1,080 LPM

Max.Head 4.7 ~ 26.8 M



PWC Series

ETFE - Lined Metal

Max.Disc. 115 ~ 1,100 LPM

Max.Head 4.7 ~ 32 M



PG Series

SUS316

Max.Disc. 300 ~ 550 LPM

Max.Head 15 ~ 60 M

Large Range



PW-XJ Series

ETFE - Lined Metal

Max.Disc. 600 LPM

Max.Head 25 ~ 60 M



PH Series

GFRPPS

Max.Disc. 180 ~ 540 LPM

Max.Head 26 ~ 60 M



PWH Series

PPG

Max.Disc. 900 LPM

Max.Head 48 M

Self-Priming Range



PS-N Series

GFRPP

Max.Disc. 90 ~ 100 LPM

Max.Head 10 ~ 12 M



PW-N Series

GFRPP

Max.Disc. 200 ~ 600 LPM

Max.Head 8.5 ~ 32.5 M



LEO GROUP is a national high-tech enterprise engaged in R&D, design, manufacturing, marketing and customer service providing for full range of pumps. LEO is the first listed company in Chinese pump industry.

LEO pumps have been sold to over 140 countries and regions from Europe, North America, Central & South America, Southeast Asia, Middle East, Africa, Oceania, etc., and they play a crucial role in water conservancy, water resources, electric power, construction, petro-chemical industry, mining, metallurgy, fire-fighting, HVAC, agricultural irrigation, civil water supply and drainage, etc.



1st public company in Chinese pump industry



4 production bases in China



In 140 countries you may find LEO pumps



4,000 employees are working at LEO



6,000,000 pieces of pumps are produced every year



60,000,000 pieces of pumps were produced in the past 20 years.

Multistage / Centrifugal & Submersible Pump



Peripheral Pump



Jet Pump



Centrifugal Pump



Multistage Centrifugal Pump



Stainless Steel Centrifugal Pump



Pool Pump



Garden Jet Pump



Engine Pump



Vertical Multistage Pump



Stainless Steel Horizontal Centrifugal Pump



Standard Centrifugal Pump



Vertical In-line Pump



End Suction Centrifugal Pump



Split Case Centrifugal Pump



Circulation Pump



Booster Pump



Submersible Pump



Submersible Sewage Pump



Submersible Slurry Pump



Solar & Borehole Pump

JESSBERGER headquartered in Ottobrunn near Munich is manufacturer of electric and pneumatic driven drum and container pumps, vertical and horizontal eccentric screw pumps, dosing pumps for high viscous media, hand operated pumps and a comprehensive range of accessories like flow meters, nozzles, etc. Air operated diaphragm pumps, horizontal centrifugal pumps and vertical centrifugal pumps complete the delivery program beside further industrial pumps.

Electric and Pneumatic Driven Drum and Container Pump



Electric universal motor

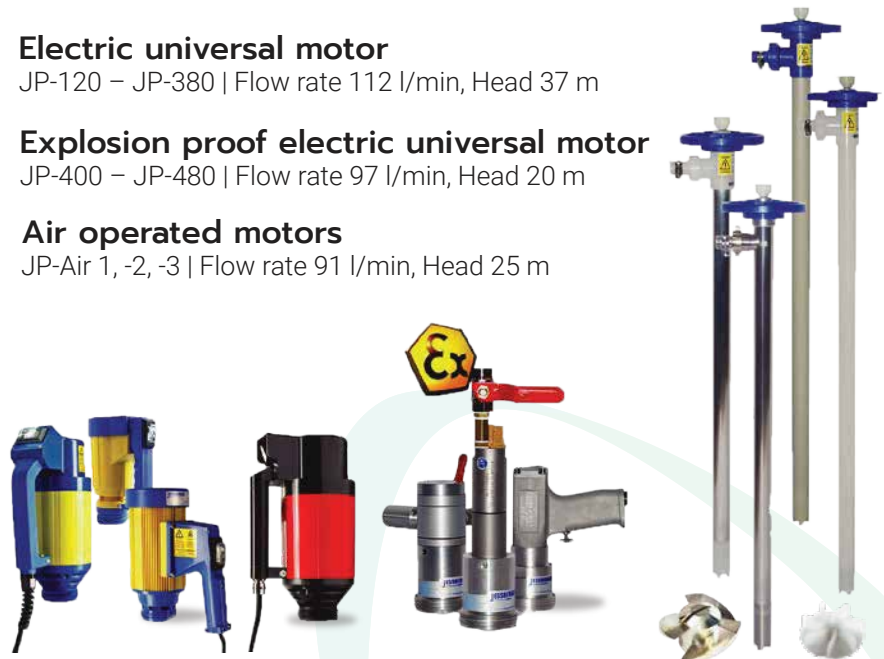
JP-120 – JP-380 | Flow rate 112 l/min, Head 37 m

Explosion proof electric universal motor

JP-400 – JP-480 | Flow rate 97 l/min, Head 20 m

Air operated motors

JP-Air 1, -2, -3 | Flow rate 91 l/min, Head 25 m



Pump tubes for Drum pump

for pumping thin fluid media from drums and containers. Materials polypropylene, PVDF, ALU and Stainless steel.

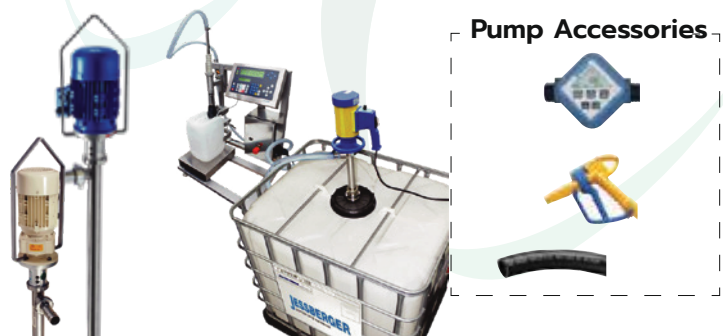
Manual Hand Operated Drum Pump

Hand pumps are pumps that are manually operated by hand. Depending on the medium different materials of the pump and of the seals are available.



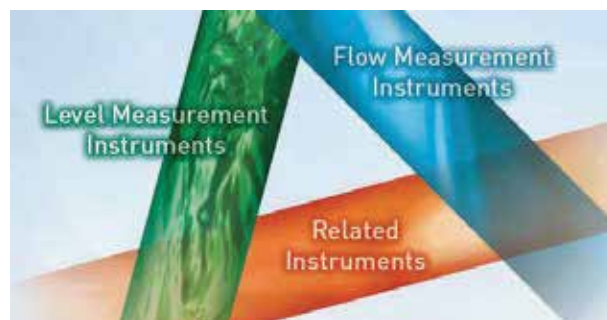
Vertical Eccentric Screw Pump

With three phase, gear or air operated motors (also ATEX certified available) are suitable for a gentle and low-pulsation transferring of thin fluid up to high viscous media (max. 100.000 mPas) out of drums and containers.



From the day of establishment in 1954, Tokyo Keiso Company has continuously made efforts to develop new technologies and has been a world pioneer in continuously creating products to meet changing needs.

Such creative performance, achieved over many years, has placed it at the apex of flow meter and level gauge makers today. In addition, globalization through our worldwide sales network, has secured for Tokyo Keiso the position of "Supplier to the World".



Flow Measurement and Control Instruments

- Metal tube variable area flowmeter
- Purgemeter
- Flow switch / Flow monitor
- Ultrasonic flowmeter
- Coriolis mass flowmeter
- Thermal flowmeter
- Turbine flowmeter
- Constant flow valve
- Flow measurement system for automobile bench test
- Direct reading type variable area flowmeter
- Purge set
- Differential pressure flowmeter (Orifice type, V-Cone)
- Electromagnetic flowmeter
- Vortex flowmeter
- Thermal mass flowmeter/controller
- Flowmeter for air conditioning
- Sight glass



AM7000 Series



P-Series



C-Series



R-Series



UL350 Series



M-900 Series



NLZ Series



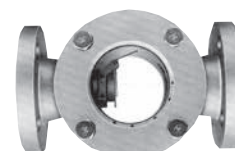
O-Series



HDT1000 Series



EGM Series



K-Series

Level Measurement and Control Instruments

- Float-tape type level meter
- Magnetostrictive level transmitter
- Torque tube type level meter
- Purge type level meter
- Microwave level meter
- Ultrasonic level meter
- Tank gauging system

- Magnet float type level meter
- Metal tube type level meter
- Servo-balancing displacer type level gauge
- Spring-balancing displacer type level meter
- Micro pulse meter
- Level switch
- Marine cargo monitoring system



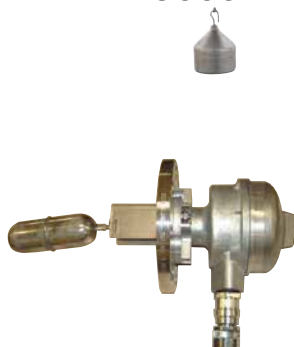
FW9000NN Series



FT-1000 / FP-1000 Series



FM-1000 Series



FB-7000 Series



FST4000 Series



FR-6000 Series



FS-100 Series

Related Instruments

- Pressure transmitter
- Level transmitter
- Differential pressure transmitter
- Receiver



FCX-AIII Series



DIR530 Series



IR1700 Series



IR4600 Series

PRIMIX is a global company that provides industrial solutions for mixing liquids and/or gases without rotating parts. Whether you are looking for a mixer solution for a large-scale chemical process, cooling food or mixing nutrients in horticulture, PRIMIX offers you the right solution

Static Mixer-Bespoke



PRIMIX custom made static mixers are fully customized inline mixers that are totally adapted to the use and process flow. The static tubular mixers can be dimensioned for almost all volume flows, densities, viscosities and substance specific characteristics.

- No moving parts (motionless mixer), gaskets and shaft seals
- Low energy consumption
- Maintenance free and no risk of leakages
- Predictable homogenisation

Sanitary Static Mixer



The PRIMIX sanitary static mixers are custom made mixers, suitable for use in the foodstuff, dairy, and drinks industry. With their sanitary design and 316L construction, they offer great performance in the field of mixing and homogenisation. The sanitary mixers can be dimensioned for virtually any volume flow, density, viscosity, and other specific product characteristics.



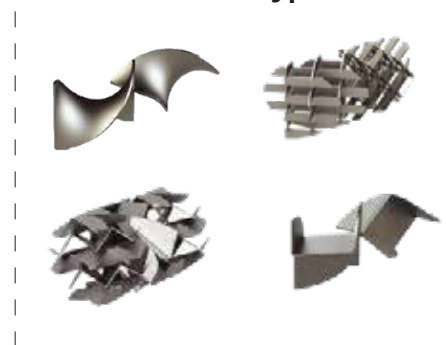
Heat Exchanger



The PRIMIX spiral shaped mixer element is the basis of the heat exchangers which can be used for the inline heating and cooling of products. Because of the sophisticated construction,

The PRIMIX heat exchanger takes a unique position between the current shell and tube heat exchangers. All PRIMIX heat exchangers are designed and produced to client specifications. The heat exchangers are available for the treatment of particularly high viscosity liquids.

Element Type



Static Mixer

Noritake

The Static Mixer is a unique static type mixing unit with no actuator. At **Noritake** Company, we incorporate static mixers into a wide range of mixing applications and work towards revolutionary development of the mixing process.



N10/N60 Series

Material : Steel, 304S.S, 316S.S
Size $\frac{3}{8}$ " – 10"
6,12,18 Elements



N50 Series

Material : PVC
Size $\frac{1}{2}$ " – 6"
4,6 Elements



Anti-Corrosive N60 Series

Material : Rubber Lining
Size $\frac{1}{2}$ " – 16"
4,6,12,18 Elements



N30 Series

Material : 304S.S, 316S.S
Size $\frac{1}{4}$ " – 4"
6,12,18 Elements



Stream Mixer

Material : 304S.S, 316S.S, 316LS.S
Size 1" – 12"
4 Elements



Cooker

Material : 304S.S, 316S.S, 316LS.S
Size $\frac{1}{2}$ " – 3"
6 Elements

ZELLA - Multi mixers suited to a variety of application optimum strength, high safety factor and long service life have been realized with a marked improvement in load factor. While increasing the capacity over that offered by completing mixers of the same class, each model is extremely compact, light and sturdy, Furthermore, the use of light metal alloys materials for the housing and the elimination of all excessive materials have achieved an all - around cost saving effect while simplifying operation and maintenance.

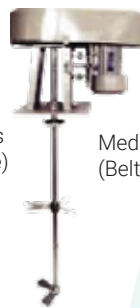
Agitator

Vertical Agitator

Fixed on the tank with the shaft inserted vertically, agitation is stable without oscillation, and the life. Various model available from enclosed to open type.



High speeds
(Direct Drive)



Medium speeds
(Belt Reduction)



Medium/Low speeds
(Gear Reducer)



Variable speeds
(Gear Reducer)

Portable Agitator

Easy-to-handle, small-sized. Using a newly devised clamp, the unit be easily mounted on a tank or bed, and the angle can be freely set both laterally and vertically.



High speeds
(Direct Drive)



Medium speeds
(Gear Reducer)



Variable speeds
(Gear Reducer)

Custom Order

Suitable agitators which are designed and manufactured for each special procedural jobs.



Homogenize



Sedimentation



Solid - Liquid
Blending



Crystallization

Tank

Polyethylene Tank

25L, 100L, 200L to 10,000L



Custom - made Tank

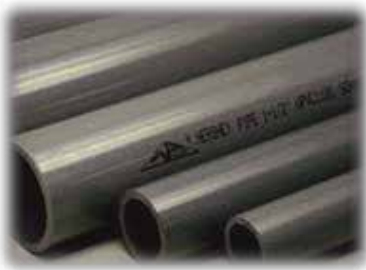


Types of Impellers



Hershey Valve Co.,Ltd. was established in 1980 and has been manufacturing various thermoplastic valves and UPVC/CPVC piping systems for almost 30 years. To remain committed producing the highest quality products and providing the best services that far exceed customers' expectations, Hershey obtains an excellent reputation from its global clients as well as several international certifying and approval organizations such as NSF®, LPCB®, WRAS®, and UL®. Hershey's strengths lay on its design capability, product quality, manufacturing efficiency, competitive price, wide range product offerings, and responsive customer services.

Pipe



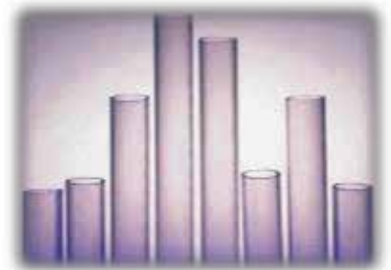
UPVC SCH.80 Pipe

½" - 24"



CPVC SCH.80 Pipe

½" - 24"



Clear PVC SCH.40 Pipe

½" - 12"

Fitting UPVC/ CPVC SCH.80



Coupling

½" - 16"



Cap

½" - 16"



Elbow 45

½" - 14"



Elbow 90

½" - 14"



Tee

½" - 14"



Y-Tee

½" - 8"



Cross

½" - 4"



Female Adapter

½" - 4"



Male Adapter

½" - 4"



Reducer Tee

¾" x ½" - 14" x 12"



Reducer Bushing

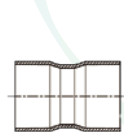
½" x ¼" - 14" x 12"



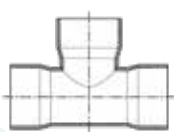
Reducer Coupling

¾" x ½" - 4" x 3"

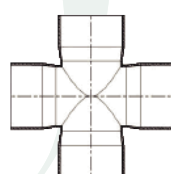
Fabricating Fitting 8" - 24"



Coupling



Tee



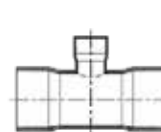
Cross



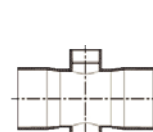
Elbow 90



Elbow 45



Reducer Tee



Reducer Cross



Reducer Coupling

Thermoplastic Valve



Union

Material : UPVC, CPVC, PVDF, PP
Size : ½" – 4"
Standard : ANSI, JIS, DIN, BS
O-Ring: EPDM, FPM
End type : Socket, Threaded



TS Flange

Material : UPVC, CPVC
Size : ½" – 12"
Standard : ANSI, JIS, DIN
End type : Socket, Threaded/ Flanged



Van Stone Flange

Material : UPVC, CPVC
Size : ½" – 24"
Standard : ANSI
End type : Socket, Threaded/ Flanged



Blind Flange

Material : UPVC, CPVC
Size : ½" – 12"
Standard : ANSI, JIS, DIN
End type : Flanged



Rubber Gaskets

Material : EPDM, FPM
Size : ½" – 12"
Standard : ANSI, JIS, DIN



Y-Strainer | T-Strainer

Material : UPVC, CPVC, Clear PVC
Size : ½" – 8"
Standard : ANSI, JIS, DIN
End type : Flanged
O-Ring: EPDM, FPM
End type : Union, Socket, Flanged



True Union Ball Check Valve

Material : UPVC, CPVC, PVDF, PP
Size : ½" – 2"
Standard : ANSI, JIS, DIN
O-Ring : EPDM, FPM
Seal : EPDM, FPM
End type : Socket, Threaded



Swing Check Valve

Material : UPVC, CPVC, PVDF, PP
Size : ½" – 8"
Standard : ANSI, JIS, DIN
Gasket : EPDM, FPM, PTFE
End type : Flanged



Single Union Ball Check Valve

Material : UPVC, CPVC, PVDF, PP
Size : ½" – 4"
Standard : ANSI, JIS, DIN
Seal : EPDM, FPM, NBR
End type : Socket, Threaded, Flanged



Ball Foot Valve

Material : UPVC, CPVC, PVDF, PP
Size : ½" – 4"
Standard : ANSI, JIS, DIN
Seal : EPDM, FPM, NBR
End type : Socket, Threaded, Flanged



Diaphragm Valve (Flange)

Material : UPVC, CPVC, PVDF, PP
Size : ½" – 8"
Standard : ANSI, JIS, DIN
Gasket : EPDM
O-Ring : NBR
Diaphragm : EPDM, FPM, PTFE
End type : Flanged
Bolt : SUS304/316



Diaphragm Valve (Union)

Material : UPVC, CPVC, PVDF, PP
Size : ½" – 2"
Standard : ANSI, JIS, DIN, BS
Gasket : EPDM
O-Ring : NBR, EPDM, PTFE
Diaphragm : EPDM, FPM, PTFE
End type : Socket, Threaded
Bolt : SUS304/316



Thermoplastic Valve



N1 Handle (1/2" – 2")



PG Handle (2 1/2" – 4")

Double Union Ball Valve

Material : UPVC, CPVC

Size : 1/2" – 4"

Standard : ANSI, JIS, DIN, BS

Seat : PTFE

Seal : EPDM, FPM

End type : Socket, Threaded, Flanged

Butterfly Valve

Material : UPVC, CPVC, PVDF, PP

Size : 2" – 24"

Standard : ANSI, JIS, DIN

Seat : EPDM, FPM

O-Ring : EPDM, FPM

Disc : UPVC, CPVC, PVDF, PP

End type : Flanged



Handle Type (2" – 8")



Gearbox Type (2" – 24")



Double Union Ball Valve & Butterfly Valve

Option : Pneumatic & Electric Actuator



Solvent Cement & Primer

WELD-ON makes the world's most reliable plastic pipe joining products for demanding professionals who know trust can't be compromised. For 70+ years, they've been the global leader in solvent cement technology from the USA. Our products have proven to be unquestionably dependable in exceptional projects around the planet.

Solvent Cement & Primer



P-70™ Primers

Cont. Net. 946 mL
(1 Quart/32 Fl. Oz.)
Purple Color



717™ PVC Cements

Cont. Net. 946 mL
(1 Quart/32 Fl. Oz.)
Grey Color



724™ CPVC Cements

Cont. Net. 946 mL
(1 Quart/32 Fl. Oz.)
Grey Color

Hayward Flow Control has been a leading manufacturer of industrial thermoplastic valves and process control products for more than 60 years. In fact, Hayward was one of the originators of the first thermoplastic ball valves. Since then, we have remained committed to producing the highest quality products while providing outstanding service.

Plastic Valve, Strainer & Filter



TBH Series
True Union Ball Valve
¼" - 6" PVC, CPVC



BYV Series
Butterfly Valve
2" - 12" PVC, CPVC, GFPP



TW Series
Three-Way
True Union Ball Valve
½" - 6" PVC, CPVC



LA Series
Lateral Three-Way
True Union Ball Valve
½" - 6" PVC, CPVC



TC Series
True Union Ball Check Valve
¼" - 6" PVC, CPVC, PP, PVDF



SW Series
Swing Check Valve
3" - 8" PVC, CPVC, GFPP



YC Series
Y-Check Valve
½" - 4" PVC, CPVC, PVDF



SLC Series
Spring-Loaded
Y-Check Valve
½" - 4" PVC



WCV Series
Full Pattern Wafer
Check Valve
2" - 8" PVC, CPVC



AV Series
Angle Globe Valve
¼" - 2" PVC, CPVC



LC Series
Universal Stopcock
¼" PVC



BFAS Series
Bulkhead Fitting
½" - 4"
PVC, CPVC, PP, GFPP



YS Series
Y-Strainer
½" - 4" PVC, CPVC, CLEAR
PVC, PVDF



SB Series
Simplex Basket Strainer
½" - 8" PVC, CPVC,
GFPP, PVDF, EASTAR



DB Series
Duplex Basket Strainer
½" - 8" PVC, CPVC, EASTAR



FLV/CFLV Series
Simplex & Duplex
Bag and Cartridge Filter

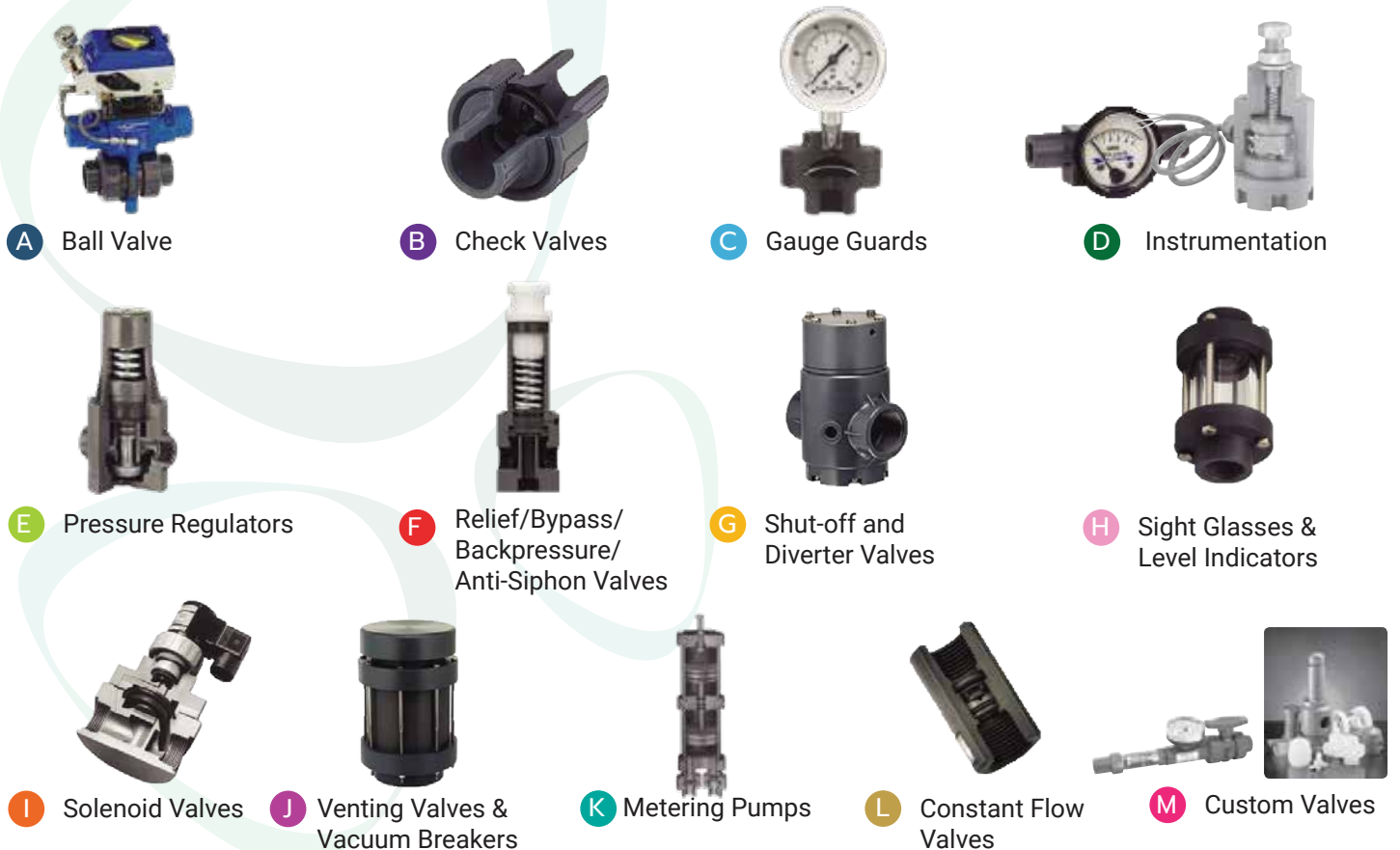
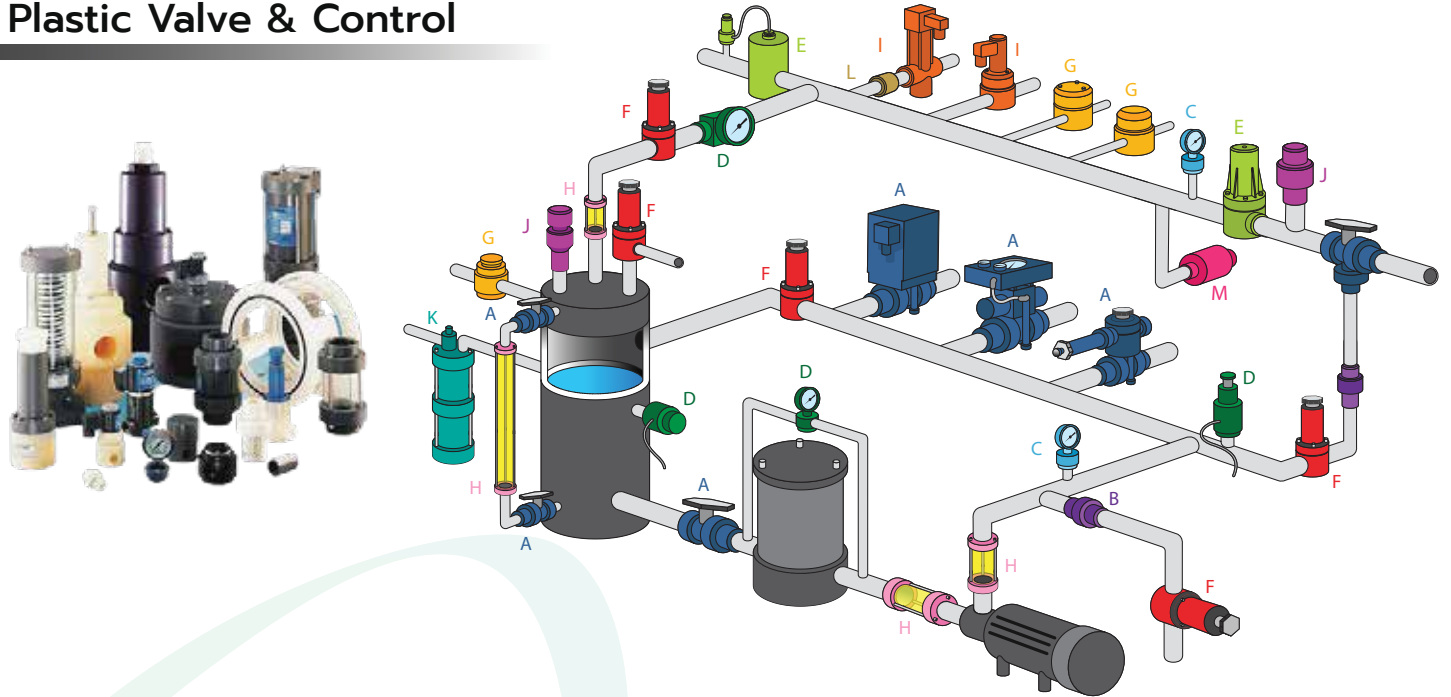


FLV Series
Bag Filter
PVC, CPVC



As the performance leader in the development of plastic valves and controls, **Plast-O-Matic** provides a complete line of standard and custom designed solutions for difficult applications. The corrosive liquid markets use Plast-O-Matic products for the control of sodium hypochlorite, nitric acid, hydrochloric acid, phosphoric acid, sulfuric acid, solvents, chlorine, hydrogen peroxide, ethylene glycol, seawater, detergents, surfactants, brine, oil, fluoride, ferric chloride, sodium bi-sulfate, ferric sulfate, and calcium chloride.

Plastic Valve & Control





We are pleased to announce that the AquaMatic product line, formerly manufactured by Pentair, will now be produced and serviced by the newly created, **AQ Matic** Valve and Controls Company.

AQ Matic Control Valves have worldwide recognition for high-quality and value in the water treatment and air movement markets. A low initial purchase price and lower cost of operation during the life of the product increases the real value of the product.

Control Valve & Stager Control



V42 Series

Body Material : Cast Iron, Brass
Diaphragm : Buna N, Viton
Pipe size : ¾" - 6"
Ends : Threaded, Flanged
Working Pressure : 8.6 bar @ 65° C



V46 Series

Body Material : 316 Stainless Steel
Diaphragm : Buna N, Viton
Pipe size : 1" - 2"
Ends : Threaded, Flanged
Working Pressure : 17 bar @ 65° C



Stager



K52 Series

Body Material : Glass-filled Thermoplastic
Diaphragm : Buna N, Viton
Pipe size : ½" - 3"
Ends : Threaded, Flanged
Working Pressure : 8.6 bar @ 60° C



K53 Series

Body Material : Glass-filled Thermoplastic
Diaphragm : Buna N
Pipe size : 1" - 3"
Ends : Socket
Working Pressure : 8.6 bar @ 65° C



Stager Control

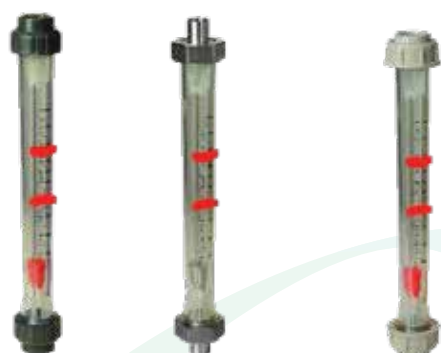


SED is an internationally operating company, leading in the development, production and worldwide sales of sophisticated valve technologies.

SED is specialized in the development and manufacturing of diaphragm valves, seat valves and variable area flowmeters. A comprehensive range of control equipment and accessories completes the product portfolio. Valve bodies and actuation components are manufactured utilizing the highest grade of metal and plastic, allowing the product line to cover a large variety of demanding process applications.



Variable Area Flowmeter EASY FLOW



UPVC Trogamid (PA) Polysulfon (PSU)

Type 700 Liquid/Long | DN 20-65
Type 701 Gas/Long | DN 20-65
Type 750 Liquid/Short | DN 10-25
Type 751 Gas/Short | DN 10-25

Standard Media

- Water
- Hydrochloric Acid (HCl 30%)
- Sodium Hydroxide (NaOH 30%)
- Sodium Hydroxide (NaOH 50%)
- Air (20°C / 1013 mbar abs.)



MEASURING SENSOR

Actuated Diaphragm Valve UPVC/CPVC/PP/PVDF/ABS



Type 186 | DN 12-15



Type 382 | DN 15-20



Type 482 | DN 25-65



Type 485 | DN 25-100



Type 285 | DN 25-100

Compact Diaphragm Valve

Pneumatically Actuated 2-Way Diaphragm Valve

Manual Diaphragm Valve UPVC/CPVC/PP/PVDF/ABS



Type 286 | DN 12-15



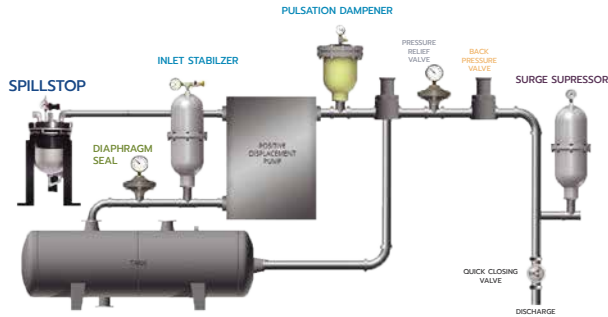
Type 882 | DN 15-65



Type 885 | DN 80-100

Compact Diaphragm Valve

2-Way Diaphragm Valve



Blacoh Fluid Control stands alone as the leader and foremost expert of fluid control products since 1976. Wherever vibration, water hammer, pressure fluctuation, non-steady flow, noise or rapidly wearing pump components are a problem, Blacoh has a solution to both improve pump efficiency and increase the longevity of system components.

Pulsation Dampener



Blacoh's AODDampener

improves AODD pump performance, reduces water hammer and harmful vibrations, and saves on overall system energy costs.

SENTRY

Pulsation Dampeners & Surge Suppressors

remove hydraulic shock and vibration, enhancing system performance and reliability of fluid flow applications.

Inlet Stabilizers

improve liquid flow to the inlet side of any pump, extending the service life of all inlet system components.



SENTINEL Hybrid Combination Dampener & Back Pressure Valve

combines the steady flow control of a pulsation dampener with the regulation of a back pressure valve in a single construction that out performs systems using a pulsation dampener in series with a back pressure valve.

SENTINEL

- Diaphragm Seals & Gauge Guards
- Back Pressure Valves
- Pressure Relief Valves
- Degassing Valves
- Calibration Columns
- Injection Quills



SPILLSTOP

system safely captures leaked product and automatically shuts down failed pumps to avoid costly product loss and prevent hazardous spills. Optional warning alarm and backup pump switchover further minimize system downtime for maximum productivity.



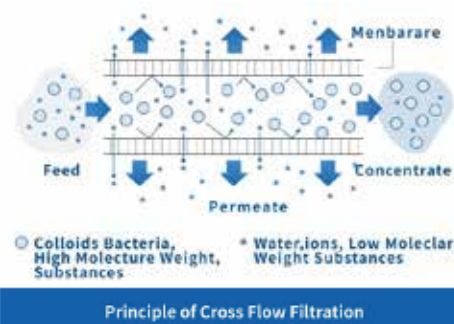
ASAHI KASEI MICROZA containing the hollow fiber membrane is feasible for separation and clarification in a wide range of fields, including electronics, water supply, sewage, industrial water, industrial wastewater, and water recycling developed and designed in Japan and has been widely implemented in many countries. Being the pioneer and the most experienced and having the largest accumulation of technologies out of all membrane manufacturers.

Water Treatment Process Membrane

UNA Series | Pressurized UF/MF Membrane



UHS Series | Submerged UF/MF Membrane



Application

- Water Purification Plants
- Water Supply in the Industrial Complex
- Reuse of Effluent from a Sewage-Treatment Plant
- Treatment of Industrial Wastewater

Product Characteristics

- Material Hollow Fiber TIPS-PVDF (Thermally Induced Phase Separation Polyvinylidene Difluoride)
- High Mechanical Strength & Chemical Resistance
Max. Operating Temp. 40 °C
NaOCl 5,000 ppm as Cl₂ / NaOH 4% / HCl, H₂SO₄, C₂H₂O₄ 10%
- Lower Operation Cost and Contribution to the Reduction of Initial Investment

| Module Type | | Pressurized Membrane | | | | Submerged Membrane |
|--------------------------------|--------------------|----------------------|-------------|-------------|--------------|--------------------|
| Model | | UNA-620A | UNA-620AB | UNA620A-DCA | UNA-620A-ADA | UHS-620A |
| Normal Pore Size | μm | 0.1 | 0.1 | 0.1 | 0.08 | 0.08 |
| Surface Area | m ² | 50 | 65 | 99 | 50 | 50 |
| Maximum Transmembrane Pressure | kPa | 300/3 bar | 200/2 bar | 300/3 bar | 300/3 bar | -80/-0.8 bar |
| Desinged Flux Range | m ³ /hr | 2.0 - 10.0 | 2.0 - 5.2 | 4.0 - 10.0 | 2.0 - 12.0 | 1.0 - 4.0 |
| Module Height/Diameter | mm | H2,338/ø165 | H2,338/ø165 | H2,301/ø218 | H2,418/ø165 | H2,164/ø167 |

Industrial Process Membrane



Industrial Process Microfiltration (MF)

Material: Polyvinylidene Difluoride (PVDF), Polyethylene (PE)
Pore size: 0.1 - 0.65μm
Applications: Pharmaceuticals, Food Industry & Chemical Industry

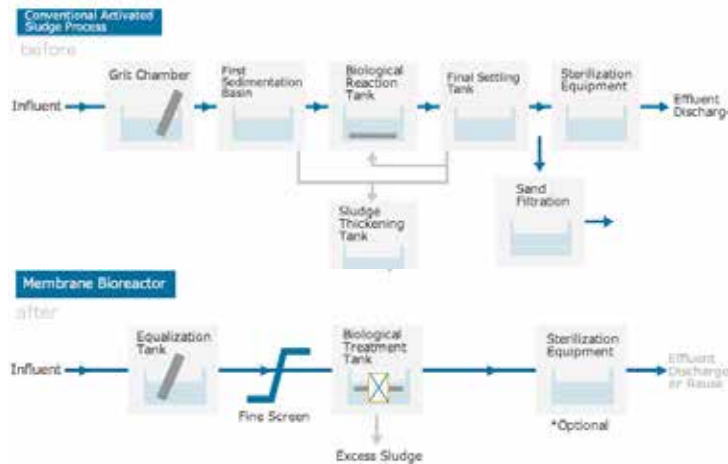


Industrial Process Ultrafiltration (UF)

Material: Polysulfone (PSU)
Molecular Weight Cut-off: 3,000 - 80,000 Da
Applications: Pharmaceuticals, Food Industry, Electrodeposition, Chemical Industry & Pharmaceutical Water



Mitsubishi Chemical Group provides advanced membrane filtration technologies for a wide range of applications. STERAPORE® is a hollow fiber membrane product created from cutting-edge synthetic fiber spinning technology. STERAPORE® is available in the configuration of PVDF membrane, which offers multitudinous filtration applications for separation, purification & concentration such as MBR, tertiary treatment and metal wastewater treatment.

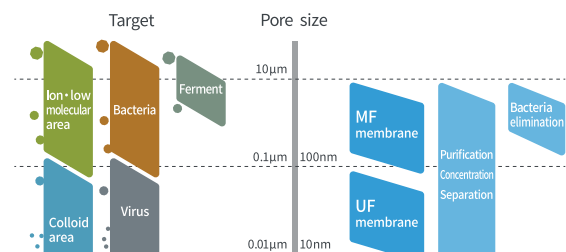


UF Membrane Bioreactor (MBR)

MBR is the combination of Activated Sludge Process (AS) and membrane equipment, where membranes are used for solid-liquid separation without secondary clarifiers.

MBR has several advantages over the Conventional Activated Sludge (CAS) Process, including **Better Effluent Quality**, **Smaller Space Requirements**, and **Ease of Automation**.

Membrane Bioreactors use PVDF Hollow Fiber for delivering energy saving, long service life, and enhanced solid-liquid separation performance.



STERAPORE® Membrane can separate SS and coliforms, and it can be used for MBR, water purification, MBR + RO treatment & pretreatment of seawater desalination etc.

STERAPORE® (PVDF)

- **High Operating Flux** : Minimized Membrane Area Leads to Lower CAPEX and OPEX.
- **Simple Operating Process** : No Backwash, Membrane Cleaned With Air scouring.
- **Durable Membrane Structure** : Supported PVDF Hollow Fiber, Highly Resistant to chlorine.



STERAPORE® 5600 Series Membrane Element

Element No. 56E0040SA
Surface Area: 40 m²
Dimensions: 30 X 1250 X 2000 mm.
Nominal Pore Size: 0.05 µm

Membrane Module



STERAPORE® 5700 Series Membrane Element

Element No. 57E0050SM
Surface Area: 5 m²
Dimensions: 18 X 600 X 1000 mm.
Nominal Pore Size: 0.05 µm

Membrane Module



| STERAPORE® 5600 Series [High-Water Level] | | | | | Item | STERAPORE® 5700 Series [Low-Water Level] | | | |
|---|--------------------|--------------------|--------------------|--------------------|------------------------------------|--|------------------|-------------------|-------------------|
| 57M0050FF | 57M0100FF | 57M0150FF | 57M0150FF | 56M2400FF | Module | 57M0050FF | 57M0100FF | 57M0150FF | 57M0150FF |
| 10 | 20 | 30 | 40 | 60 | No. of Element | 10 | 20 | 30 | 40 |
| 400 | 800 | 1,200 | 1,600 | 2,400 | Surface Area (m ²) | 50 | 100 | 150 | 200 |
| 200 | 400 | 600 | 800 | 1,200 | Capacity *Ref. (m ³ /d) | 25 | 50 | 75 | 100 |
| 400 | 600 | 800 | 1,000 | 1,550 | Dry Weight (kg) | 90 | 120 | 150 | 180 |
| 1524x940 x2798 | 1524x1390 x2798 | 1524x1870 x2798 | 1524x2320 x2798 | 1524x3416 x2798 | Dimensions DxWxH (mm) | 668x719 x1600 | 668x994 x1602 | 670x1269 x1602 | 670x1632 x1602 |
| 3.0 | | | | | Min. Water Depth (m) | 1.8 | | | |

*Product specifications and shapes described herein are subject to change without notice.



AYTOK started its manufacturing journey by producing PE Fittings for driplines in Izmir. In 1999, AYTOK management perceived a new market opportunity and started metal and plastic filter manufacturing in Konya. This decision created remarkable results, contributing AYTOK a market leader manufacturer position in Turkey.



Automatic Self-Cleaning Screen Filter



Automatic Type



Automatic with Motor Reducer Type



Semi-Automatic

Specification

| | | | |
|-------------------------|------------------------------|--------------------------------|-------------------------------------|
| Body Material | : S195T / SS 316L / SS 304 L | Back Flush Operation Criteria: | Time and / or Pressure Differential |
| Screen Material | : SS 304L, PA6GFR30 | Back Flush Controlling Unit | : Electronic (AC/DC) Control |
| Max Working Pressure | : 10 Bar (145 PSI) | Filtration Area | : 1,317 - 14,803 cm ³ |
| Min Working Pressure | : 1 - 2.5 Bar (15-36 PSI) | Filtration Degree | : 20 - 2,000 micron |
| Max Working Temperature | : 60 °C (140 °F) | Painting Method | : Electrostatic Powder Coating |
| Inlet / Outlet | : 2" - 16" | Painting Material | : Epoxy Polyester |
| Main Flow Rate | : 30 - 900 m ³ /h | | |

Plastic Filter



Manual Type



Self-Clean Disc Filter Type



Hydrocyclone Type

Specification

| | | | |
|-------------------------------|--|-------------------|-------------------------------|
| Body Material | : PA , PAGFR30 | Filtration Degree | : 20, 50, 100, 130 micron |
| Cartridge Material | : Disc Cartridge(PP), Screen Cartridge (SS 304+PA) | Inlet / Outlet | : 2"- 6" |
| Max Working Pressure | : 6 - 8 Bar (87 - 116 PSI) | Main Flow Rate | : 20 - 180 m ³ /h |
| Max Working Temperature | : 60 °C (140 °F) | Filtration Area | : 868 - 6,212 cm ³ |
| Back Flush Operation Criteria | : Time and / or Pressure Differential | | |
| Back Flush Controlling Unit | : Electronic (AC/DC) Control | | |

Filtration Systems





Since 1963, **Atlantic Ultraviolet Corporation®** has pioneered the discovery and development of beneficial uses of ultraviolet energy. Over the years these efforts have led to the development of valuable, cost effective and environmentally sound techniques and products now known and respected throughout the world.

UV Water, Liquid & Wastewater

MIGHTY★PURE® ULTRAVIOLET WATER PURIFIERS



- 3 to 20 GPM (180 to 1200 GPH)
- Residential, Recreational, Commercial, Industrial
- Type 316 Stainless Steel Construction
- Germicidal UV Lamp (10,000 hour rated effective life)
- Quick Lamp Change
- Fused Quartz Sleeve
- Sight Port to view lamp operation, Drain Fitting
- Horizontal Mount

SANITRON® ULTRAVIOLET WATER PURIFIERS



- 3 to 416 GPM (180 to 25,000 GPH)
- Residential, Commercial, Industrial, Aquarium, Pond, Pool & Wastewater
- Type 316 Stainless Steel Construction
- Germicidal UV Lamp (10,000 hour rated effective life)
- Quick Lamp Change and Fused Quartz Sleeve
- Sight Port to view lamp operation, Drain Fitting
- Dual Action Wiper Mechanism [manual]
- Heads that can be removed
- Horizontal Mount

MEGATRON® GERMICIDAL ULTRAVIOLET WATER DISINFECTION SYSTEM



Patented wiper mechanism for quartz sleeve cleaning (choose from manual or automatic version)



- 90 to 450 GPM (120,000 to millions of gallons per day)
- Commercial, Industrial, Aquarium, Pond, Pool & Wastewater
- Type 316 Stainless Steel Construction
- Germicidal UV Lamp (10,000 hour rated effective life)
- Quick Lamp Change and Fused Quartz Sleeve
- Lamp Out Indicator Lights and Sampling Ports
- Dual Action Wiper Mechanism [manual & auto]
- Remote Out puts
- Elapsed Time Indicator
- Digital Ultraviolet Monitor

UV Air, Surface, Room Air & Air Duct

SANITAIRE® GERMICIDAL ULTRAVIOLET ROOM AIR SANITIZERS



- Constructed of corrosion-resistant Stainless Steel
- Destroys harmful bacteria, mold, and viruses in the air
- For use in occupied areas, Flu Prevention Steps
- Variety of mounting configurations available
- Continuous disinfection without special attention

Nutripure® GERMICIDAL ULTRAVIOLET SANITARY CONDITIONERS



- Constructed of corrosion-resistant Stainless Steel
- Sanitize & ventilate the air above the liquid in storage tanks
- Variety of mounting configurations available
- Continuous disinfection without special attention

Sanidyne® GERMICIDAL ULTRAVIOLET PORTABLE AREA SANITIZER



- Constructed of corrosion-resistant Stainless
- Irradiates air and exposed surfaces
- For use in unoccupied rooms
- Portable, compact and lightweight
- Rooms as large as 3,500 sq. ft. can be treated with one fixture
- 24-Hour Interval Timer

UV Lamp & Accessories

STER-L-RAY® GERMICIDAL ULTRAVIOLET LAMPS



ArmorLite™ ULTRAVIOLET LAMP SAFETY SHIELD



CRYSTAL CLEAR® QUARTZ SLEEVES & TUBING



Surelite™ ELECTRONIC BALLAST



GUARDIAN® ULTRAVIOLET MONITOR



Pura ultraviolet units to rid water of bacteria. Many sizes—from an undersink add-on drinking water unit to the “Big Boy” series, capable of handling industrial applications. Ultraviolet keeps the chemicals out of your well water and out of the environment. It’s the cleanest and easiest way to get rid of bacteria in water.



Ultraviolet Water Purifier



UV1-EPCB

UV1 Series

UV1 Series is a single-canister under-sink unit with Pura’s “extended pass” carbon block filter. It’s a drinking water filter with a one gallon per minute flow rate disinfection capacity. It is capable of serious chemical reduction as well as purification. The 0.5 micron carbon block filter is tight enough to assure cyst removal.



UVB1-EPCB



UVB1-EPCB/SD



UVB1-EPCB/GC/SD

UVB Series

UVB Series units consist of single, double and triple-stage under-sink units with sediment and carbon filtration capable of treating two gallons per minute flow rates.



UV20-1



UVB1-EPCB/SD



UV20-3 CBXSD

UV20 Series

UV20 Series units are designed for small to mid-sized whole house applications. UV20 system are available as single ultraviolet units, or in combination with sediment filtration and carbon block filtration. Intended for flow rates of 8 to 10 gallon per minute.



UVBB-1



UVBB-2 SD



UVBB-3 SD/CBXBB

UVBB Series

UVBB Series units are large residential whole-house or light industrial systems for high flow situations where up to 15 gallon-per-minute flowrate is needed. Available as single-stage UV-only units, or as multi-stage systems with sediment and carbon filtration.

Replacement Parts



Lamp



Quartz Sleeves



Filter Cartridge



Abanaki's Industrial Coolant & Oil Skimmers The most cost effective way of removing oil from water since 1968—our skimmers have been serving our clients around the world with oil skimmers for a variety of applications; from local job shops to giants like Toyota and Boeing, from 1 gph to 200 gph, from food processors to remediation to metal mills and beyond.

Oil / Coolant Skimmers

Oil Grabber Model 4



- A single unit elevates and separates oil at a rate up to 20 gph
- Lifts oil up to 100' without the need of expensive pumps
- Maintains oil skimming efficiency with fluctuating fluid level
- Operates in turbulent liquid using optional tail pulley cage and tether assembly
- Easy mounting and fast cleaning, with minimal maintenance

Oil Grabber Model 8



- A single unit elevates and separates oil at a rate up to 40 gph
- Can be used with a full range of Abanaki options (heater, debris rakes, belt and tail pulley tethers, etc.
- Saves coolant and conserves wash water

Oil Grabber Model MB



- Designed for jobs that require high capacity oil removal
- Each belt increases the oil removal rate by up to 200 gph
- Utilizes continuous belts and wipers to remove oil from the fluid surface.

Tote-It Portable Belt Skimmer



- Lightweight for portability
- Oil removal rates up to 12 gph (45 lph)
- For medium duty applications; parts washers, tanks, etc.

Oil Boss



- No tubes, mops, disks, or belts or wear out. The filtration media is easily washed out and reused.
- Eliminate oil containers on the shop floor.
- Pick up hard-to-remove oils that conventional skimmers leave behind. The Oil Boss's unique Surface Suckert removes all floating oils. A small footprint fits very tight sumps.

Mighty Mini SST



The ideal solution to remove unwanted tramp oil in coolants & parts washers!

- **Effective.** Removes one (1" wide belt) or two (2" wide belt) gallons or more of medium weight oil per hour.
- **Compact.** Use it almost anywhere...even through a 2" dia. bung hole in a drum.
- **Portable.** Use it here today, there tomorrow. Weighs only 7 pounds, installs in seconds and runs on 110v. power. 220v motor available.
- **Complete.** Put it to work right out of the box, or add the option, easy-to-install decanter and brackets for an even more efficient system.
- **Durable.** Includes long life fan-cooled motor, sturdy 304 stainless steel construction with integrated 24 hour timer.

Oil Concentrator - Oil Water Separator



- Removes residual water
- Provides virtually complete oil/water separation
- Uses no electricity, timers, sensors, pumps, or other moving parts
- Optional heater for high viscosity oils and low temperatures
- Removable sludge screen and drain plug facilitate routine maintenance



Filter Media



“A.T.C.” Anthracite

Anthracite is a high quality coal. It has a glossy black appearance, is very shiny, contains approximately 86-97% carbon content, low humidity, the least soluble substance. Anthracite was therefore developed as a water purification agent that removes sediment. Packing Size 40 Liters / Bag | Net weight 30 Kg. / Bag

“Birm” Water Purifier Synthetic Manganese

Birm synthetic manganese works to separate iron from water by catalyzing the reaction of oxygen and iron compounds in water. Normal water can be used for regeneration as with carbon and anthracite. Service life 1-2 years, depending on water conditions. Received NSF certification from the United States
Packing Size 28.3 Liters / Bag | Net weight 20 Kg. / Bag



“PORTACEL” Activated Carbon

Activated Carbon, ID950 is a filter made from coconut shells through the incineration process and heat until a filter with a high concentration. The filter media looks like flakes or small granules with black size, Mesh Size 8 x 16. Suitable for general use in filtering water. Makes water clearer, helps trap color, odor, organic matter, chlorine, heavy metals and some toxins.

Packing Size 50 Liters / Bag | Net weight 25 Kg. / Bag

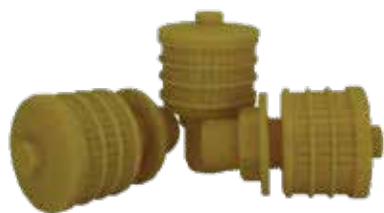
“DUPONT” TapTec HCRS SN Cation Resin

Ion Exchange Resins Contains NSF Resin pellets are granular like roe. The color is clear yellow to dark yellow. Resin filter media used to filter tap water for general consumption is called Cation type. ION Exchange Resin absorbing calcium and magnesium. from the water flowing through the resin At the same time, the resin filter releases sodium from the body into the water.

Packing Size 25 Liters / Bag | Net weight 20 Kg. / Bag



Strainer Nozzle



Sand & Gravel



RS (0.3-0.5 mm.)



RS1 (0.5-0.8 mm.)



R3 (3-5 mm.)



R3 (3-5 mm.)



R4 (5-10 mm.)



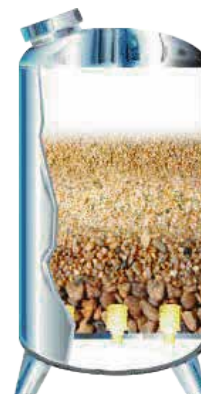
R5 (10-15 mm.)



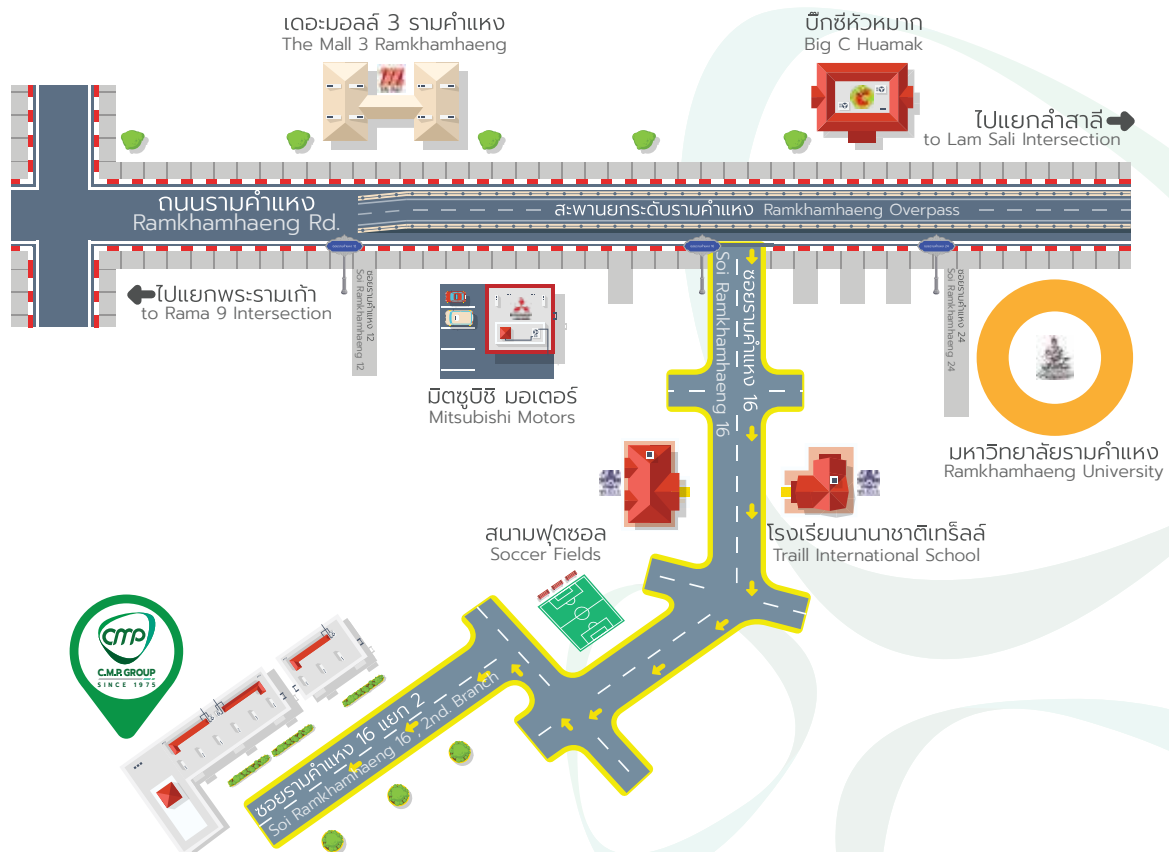
R6 (15-20 mm.)



R7 (20-30 mm.)



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