

# Everyone at Shipbuilding yard and shipbuilding maker

# Leave your problems to AQUA SYSTEM!

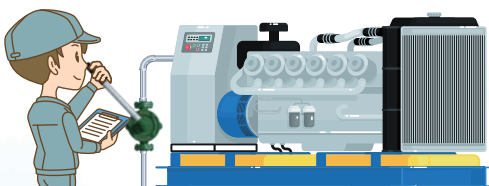
We can provide solutions for your problems with our various products! We have fans, pneumatic pumps and cleaners that could be used on fire prohibited area. Also, we deal with wing pumps and diaphragm pumps for emergency situation. Moreover, We can help to purify emissions with urea water pumps.

**Suitable for transferring  
high-viscosity gear oil  
to high places**

Air piston drum pump  
PST series

**Can be use anywhere!  
Transfer liquid  
from drums by manual**

Hand rotary pump  
HR series/HF-1000



**For fuel transfer  
to large power generators  
during an emergency**

Wing pumps  
YATUNAMI/KING series

**Can be used in tight spaces like manhole.  
Bilge pump for sand-laden  
sea water or waste water**

Diaphragm Pumps  
HDO/EDO/ADO Series



**Collect waste oil and  
dust all at once!  
Keep the ship clean**

Pneumatic vacuum cleaner  
Silencer: standard equipment  
APPQO600 series

**Useful purify emissions.  
Pumps for urea water**

Electric pump for Urea water  
Ad series



**Useful for ventilation  
and cool! Good way  
to ventilate weld fume**

Oilless air-motor axial fans  
AFR series



# Useful AQUA SYSTEM product for shipbuilding yard and shipbuilding maker!

These are product details that we introduce on front side. We deal with pneumatic and manual pumps that be aware of SDG's and we hope to contribute to Sustainable society. We believe that we could introduce you to the most suitable products.

## Pumps for transferring oil and fuel

### Delivery to up to 50m height. High-viscosity oil is available

#### Air piston drum pump PST-20G

- 1 Transfer to 50m height
- 2 Can delivery to far and height place
- 3 High viscosity oil like ISO460 is available

Models	PST-20G
Available container	200L Closed drums
Motor driving method	Piston
Acceptable viscosity(cP)	20,000
Delivery ability (1cP/L/Min)	15
Lifting height(m)	50
Accessories	Inlet side: Oil-resistant rubber Outlet side: Ball Valve
Weight(kg)	9.4

**Air** **Discharge**

Compressor  
3 HP

Acceptable viscosity  
Up to 20,000cP



PST-20G



### Delivery for kerosene, light oil, Bunker A Mass transportation of 1L per a revolution

#### Hand rotary pump HR series/HF-1000

- 1 Easy to operate, Just turn the handle
- 2 Comes with an adapter to hold it firmly in place
- 3 Large selection, useful for transporting a variety of liquids

Models	HR-2B	HR-25G	HF-1000	
Available container	200L Closed drums			
Driving source	Manual			
Acceptable viscosity(cP)	500			
Delivery ability(cc/revolution)	240	1,000		
Lifting height(m)	2			
Accessories	Hose	PE (1.2m×Φ25)	Oil-resistant PVC (1.2m×Φ25)	PE (1.2m×Φ25)
	Others	Adapter/earth wire/strainer		Adapter/strainer
Weight(kg)	6.5	6.6	8	

**Manual**

**Discharge**



(HR-2B/HR-25G)

(HF-1000)

HR-25G

HF-1000



### Transfer liquid to 15m height. Can be selected the Specifications

#### Wing pumps YATUNAMI/KING series

- 1 Suction force 6m(Use when drying 2.5m), delivery height 15m
- 2 YATUNAMI series has 2 types of flange (round flange or companion flange). KING series has companion flange only
- 3 YATUNAMI series is for oil or for water. KING series is for oil only

**Manual** **Discharge**

Compressor  
3 HP (Air)

Acceptable viscosity  
Up to 20,000cP



YATUNAMI



Specifications vary by series and model.  
Please visit our website for details.



### Selectable drive source High carrying capacity of fluid!

#### Diaphragm Pumps HDO/EDO/ADO Series

- 1 Useful for transferring high viscosity fluid and waste oil
- 2 Worked by manual(HDO), electric(EDO), compressed air(ADO)
- 3 Use a diaphragm pump with high carrying capacity

**Manual**

**Electric**

**Air**

**Discharge**

**Charge**

Compressor  
3 HP (Air)

Specifications vary by series and model.  
Please visit our website for details.

ADO-50

EDO-50

HDO-1-20P



## Ideal product for cleaning on board and in factories

### Just set on pail can! Versatile cleaner for both dry and wet use.

#### Air vacuum cleaner APPQO600 series

- 1 Continuous operation is possible
- 2 Simple structure, easy to wash
- 3 With liquid leak prevention function

Models	APPQO600S	APPQO600	APPQO600-SET
Collectables	cutting oil, dust, chips		
Acceptable viscosity(cP)	3,000		
Sucking volume(1cP L/m)	90		
Sucking Head(m)	2		
Accessories	Hose: PVC(2m×Φ32)	Main nozzle: Main square nozzle	Main square nozzle: Filter/pail can band (pail can carrier)
Others	-	Filter	-
Weight(kg)	3.9	5.6	11.1

**Air** **Charge**

Compressor  
5 HP

Acceptable viscosity  
Up to 3,000cP



APPQO600-SET



### Just push and walk! Useful for cleaning large areas

#### Pushing cleaner AJL series

- 1 Just push and walk, unnecessary power supply
- 2 Small trash can be collected
- 3 height-adjustable handle and brush, Compact storage.

Models	AJL550S	AJL750S	AJL920S
Admission port(mm)	250	380	650
Collection efficiency(㎡×h)	2,200	3,000	3,680
Content(L)	25	50	40
Dimension L×W×H (mm)	700×570×1,070	1,120×750×940	1,350×970×1,060
Weight (kg)	7	13.2	23.8

**Manual**

Specifications vary by series and model.  
Please visit our website for details.



AJL750S



## Other useful pumps and fans

### Helps purify emissions. Pumps for transferring urea water

#### Pumps for urea water (for AdBlue)

- 1 Worked by manual, electric, compressed air
- 2 Suitable for dram cans and container (IBC)
- 3 Able to issue receipts

**Manual** **Electric** **Air** **Discharge**

Specifications vary by series and model.  
Please visit our website for details.



Compressor  
3 HP (Air)

Ad-1



HRB-20P

Ad-2Air

### Fast cooling and ventilation. Powerful airflow for a wide area

#### Oilless air-motor axial fans AFR series

- 1 Light and easy to carry(1/4 the weight of general electric explosion-proof fans)
- 2 Can be used in fire-prohibited area
- 3 Duct hose(option parts)is available

Models	AFR-08NL	AFR-12NL
Dia. of fan(mm)	200	300
Air pressure(Mpa)	0.4 ~ 0.6	
Air consumption(㎡/min)	0.35	0.45
Maximum flowrate (㎡/min)	120	200
Revolution (rpm)	3,300	2,800
Weight (kg)	7.7	9.4

Compressor  
5 HP

Specifications vary by series and model.  
Please visit our website for details.



**Air**

AFR-08NL

AFR-12NL



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AZZZ



Agency