AQUA SYSTEM CO.,LTD.

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Air-operated Tank Cleaning and Filtration Cleaner

Compressor	Viscosity
5HP or larger	500 cP or less

High-capacity unit ideal for machine tool maintenance. Collects, filters, and enables the reuse of cutting fluid.

Maximum suction flow rate: 160 L/min

Ejector Knob



APDQO-FS100-i／FF100-i

APDQO-FS-i／FF-i

Selector lever

Switches between liquid suction and discharge.



Transparent top cover allows the tank interior to be checked.



Two filter options available

Filter for APDQO-FS-i

For Chips
SUS (SS) Filter Type

Standard : 40-mesh stainless steel
Optional : #100 Mesh / #400 Mesh
● washable and reusable.



Filter for APDQO-FF-i

For Polishing
Nonwoven Filter Type

Suitable for removing chips and grinding sludge from aluminum, stainless steel, bronze (CAC), plastics, and other materials.
● Replaceable, disposable filter type.
● Nonwoven Filter : #400 Mesh equivalent.



No electrical power required.

Powered by compressed air for continuous operation without electricity.

Safety valve

Automatically releases excess pressure inside the drum.

Float ball

Automatically stops suction when the tank is full.



- No risk of electrical leakage.
- Collect up to 100 L of liquid in 5 minutes.
- Switch between suction and discharge using a single lever.

YouTube
Visit our moving photo for further information.

For machine tool maintenance.

Air-operated Tank Cleaning and Filtration Cleaner

*japanese only

High-speed air-operated cleaner: suction up to 160 L/min and discharge up to 140 L/min.

Regular tank cleaning can prevent odors and corrosion caused by sludge.
Routine maintenance of machine, hydraulic, and lubricating oils and removal of contaminants from waste liquids help extend equipment life and reduce costs.

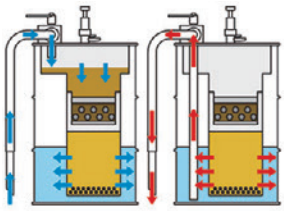
Cleaner for collecting, filtering, and reusing cutting fluid

These units collects cutting fluid from machine tools, removes contaminants through filtration, and returns the filtered fluid to the machine for reuse.



Mechanism of collection, filtration, and reuse

The collected fluid passes through a strainer that removes metal chips and other contaminants. Once filtered liquid is returned to machines ,it can be re-used as clean cutting liquid.



Air-operated Filtration Cleaner For 200L drums

APDQO-FS-i／FF-i

High-capacity model

Model	APDQO-FS-i	APDQO-FF-i
Liquids	Water-solube cutting fluid	
Filter	Stainless steel mesh	Nonwoven fabric
Air consumption(L/min)	690	
Max. suction lift (m)	2.5	
Max. discharge flow rate(L/min)	140	
Max. suction flow rate(L/min)	160	
Weight (kg)	42.5	43

*From April in 2020, change into 1 attached filte with renewal model.


APDQO-FS-i／FF-i

Air-operated Filtration Cleaner For 100L drums

APDQO-FS100-i／FF100-i

Standard model

Model	APDQO-FS100-i	APDQO-FF100-i
Liquids	Water-solube cutting fluid	
Filter	Stainless steel mesh	Nonwoven fabric
Air consumption(L/min)	320	
Max. suction lift (m)	2.5	
Max. discharge flow rate(L/min)	110	
Max. suction flow rate(L/min)	120	
Weight (kg)	30.5	30.7


APDQO-FS100-i／FF100-i

Choose from two filter types (FS-i or FF-i).

SUS (SS) Filter Type	Nonwoven Filter Type
 For APDQO-FS-i	 For APDQO-FF-i
 For APDQO-FS100-i	 For APDQO-FF100-i

Optional

Stainless steel filters for FS-i : #100 mesh or #400 mesh.





Drum Carry

(Drum Carry is sold separately in Japan.)

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