


Water | Wastewater Pumps

Commercial
Industrial
Municipal

EBARA

EBARA Fluid Handling

an EBARA International Corporation company

EBARA Fluid Handling

EBARA Fluid Handling (EFH), the US sales and service subsidiary of EBARA Corporation, Japan, provides engineered pump, pump products and related services for the water, wastewater, commercial, municipal, energy and power industries offering reliable product knowledge, application expertise and responsive support including aftermarket replacement parts services.

With horsepower ranges up to 800 HP and capacities to 35,000 GPM, EFH's cast iron submersible pumps meet a wide range of industrial, municipal, flood control, and residential water and wastewater applications. The cast iron line of pumps includes submersible sewage, submersible sump, semi-vortex, vortex, grinder, non-clog, and dry pit models.

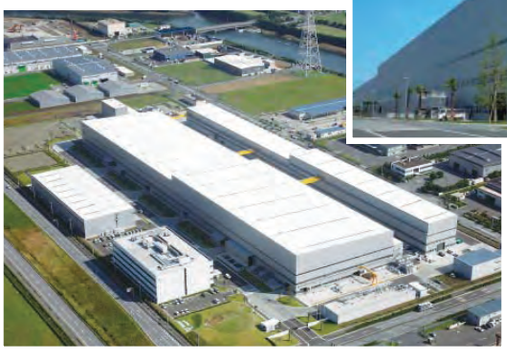
EFH offers a comprehensive line of corrosion resistant formed stainless steel pumps that include end suction centrifugal, multistage, and submersible sump, effluent, and sewage pumps.

EBARA Fluid Handling maintains inventory that allows it to assemble, test, and ship ½ to 150 HP cast iron submersible pumps in 5 to 14 working days, and as well, offer a 24-hour Quick Ship program on most stainless steel pumps and parts. The Rock Hill facility includes a new 81,000 gallon computer-aided testing area capable of handling large-scale pump models both in wet and dry pit configurations up to 350 HP.

EBARA pump service and parts are available through an extensive service network throughout North America to assist customers in replacement of parts or complete pumps and motors.

Recognizing the continued strain on water and wastewater facilities and infrastructures with increased maintenance, energy, and environmental demands and costs, EBARA Fluid Handling strives to deploy the best water, wastewater pumps, pump products, and technologies to meet these requirements.

EBARA Corporation



Founded in 1912, EBARA Corporation is recognized as a world leader in the design, development and manufacture of industrial machinery with a predominant focus on the production of pumps, pumping systems and compressors for a wide range of applications. Today, EBARA Corporation operates 104 subsidiaries and 15 affiliate companies in 17 countries and now operates three principal business groups including Fluid Machinery and Systems, Environmental Engineering and Precision Machinery.

Through Environmental Engineering, EBARA provides a full range of services from engineering, project design and construction to operation and maintenance for solid waste treatment, water treatment, gasification, incineration and other facilities. The Precision Machinery business produces semiconductor manufacturing equipment and is developing its position in the chemical mechanical polishing systems, dry vacuum pumps and high-precision technologies.

The variety of pump types and sizes produced by the EBARA Fluid Machinery and Systems Group, EBARA's original core business, is tremendous ranging from fractional horse-power recirculation pumps to vertical mixed flow pumps with horsepower's into the thousands. EBARA's engineering and manufacturing capabilities are best demonstrated by the Futtsu manufacturing plant. The plant is focused on the production of high pressure, large scale pumps and systems targeting specific applications in oil and gas, nuclear power, water and wastewater infrastructure industries with full modern test capacity to 5,000,000 GPM.

EBARA's Fujisawa plant is one of the most technologically advanced manufacturing plants for the mass production of small size pumps; including the D-series of cast iron pumps, as well as refrigerating machines, fans, blowers and boiler systems.

Standard pump products are manufactured in Italy, Brazil, China, Taiwan and other global locations and then locally assembled and tested to specific customer specifications and requirements.

EBARA blends superior engineering expertise with state of the art production techniques to produce pumps of unsurpassed quality and long life. Ebara remains the largest single brand pump company in the world and strives to develop high quality, efficient products and key system components for addressing improvements and solutions in the fields of water supply, energy and environmental issues.




Commercial

Model CDU *, CDX — End suction centrifugal

Specifications

Suction Size:	1¼" to 1½"
Discharge Size:	1"
Range of HP:	to 3 HP
Capacity:	to 95 GPM
Head:	to 245 ft.
Liquid:	Clean water

Applications

- Irrigation
- Plant services
- Liquid transfer
- Water supply systems
- Ultrapure water systems
- Air conditioning systems
- Water reclamation and treatment

Model 3U * — End suction centrifugal

Specifications

Suction Size:	2" to 3"
Discharge Size:	1¼" to 2½"
Range of HP:	to 30 HP
Capacity:	to 750 GPM
Head:	to 250 ft.
Liquid:	Clean water

Applications

- Irrigation
- Plant services
- Liquid transfer
- Water supply systems
- Ultrapure water systems
- Air conditioning systems
- Water reclamation and treatment

Model JEU * — Self-priming jet pump

Specifications

Suction Size:	1¼"
Discharge Size:	1"
Range of HP:	to 1½ HP
Capacity:	to 18.5 GPM
Head:	to 190 ft.
Liquid:	Clean water

Applications

- Plant services
- Pressure boosting
- Water supply systems
- Ultrapure water systems
- Water reclamation and treatment
- Aqueous cleaning

NSF ** NSF/ANSI 61 Annex G listed models: CDU, 3U, JEU*




Commercial

Model 2CDXU, 2CDU * — 2-stage end suction centrifugal

Specifications

Suction Size:	1¼" to 1½"
Discharge Size:	1"
Range of HP:	¾ to 5 HP
Capacity:	to 65 GPM
Head:	to 245 ft.
Liquid:	Clean water

Applications

- Plant services
- Liquid transfer
- Reverse osmosis
- Water supply systems
- Ultrapure water systems
- Water reclamation and treatment
- OEM equipment application

Model DWO — Open impeller end suction centrifugal

Specifications

Suction Size:	2" to 2½"
Discharge Size:	2"
Range of HP:	1.5 to 4 HP
Capacity:	to 250 GPM
Head:	35 to 65 ft.
Liquid:	suitable for suspended solids in dirty water to ¾" (spherical)

Applications

- Plant services
- Food Process
- Beverage Process
- Dirty liquid handling
- OEM equipment application
- Water reclamation and treatment

Model EVMU *, EVMUL *, EVMUG — Vertical multistage

Specifications

Suction Size:	1¼" to 4"
Discharge Size:	1¼" to 4"
Range of HP:	to 50 HP
Capacity:	to 390 GPM
Head:	to 930 ft.
Liquid:	Clean water

Applications

- Boiler feed
- HVAC
- Filtration
- Reverse osmosis
- Washing systems
- Fire fighting
- Filtration
- Irrigation
- Pressure/water boosting
- Hot/cold water circulation

NSF ** NSF/ANSI 61 Annex G listed models: 2CDU, EVMU 3-18, EVMUL 3-64*




Water/Wastewater/Commercial

Model EPD, Optima — Sump, drainage

Specifications	
Discharge Size:	1" to 1½"
Range of HP:	to 1½ HP
Capacity:	to 86 GPM
Head:	to 61 ft.
Max. solid diameter:	⅜"

Single and three phase models; manual or automatic

Applications

- Drainage *(basements, sumps, excavation)*
- Seepage *(residential, commercial, industrial)*
- Effluent and containment transfer
- Emptying *(pools, water storage structures)*

Model DWU, DWXU — Sump, effluent

Specifications	
Discharge Size:	2"
Range of HP:	to 3 HP
Capacity:	to 235 GPM
Head:	to 74 ft.
Max. solid diameter:	2"

Single and three phase models; manual or automatic

Applications

- Water
- Wastewater
- Drainage

Model DMLEU, CMLEU — Submersible water/wastewater

Specifications	
Discharge Size:	3", 4", 6"
Range of HP:	3 to 30 HP
Capacity:	to 1345 GPM
Head:	to 136 ft.
Max. solid diameter:	3"

Three phase (only) models available

Applications

- Commercial/Industrial water and wastewater
- Drainage *(household, industrial)*
- Dewatering

Model EBG, EBHG — Submersible grinder

Specifications	
Discharge Size:	1¼", 2½", 3"
Range of HP:	to 7½ HP
Capacity:	to 180 GPM
Head:	to 170 ft.

Applications

- Small scale pressurized sewage transfer systems
- Drainage transfer
- Commercial/household sewage and drainage transfer
- Available in packaged basin systems




Water/Wastewater

Model DSU, DSHU — Submersible sump

Specifications	
Discharge Size:	2", 3", 4"
Range of HP:	to 10 HP
Capacity:	to 390 GPM
Head:	to 126 ft.

Single and three phase models

Applications

- Water
- Dewatering
- Drainage
- Construction

Model DVSU, DVSHU — Submersible semi-vortex sewage

Specifications	
Discharge Size:	2", 3"
Range of HP:	to 5 HP
Capacity:	to 250 GPM
Head:	to 90 ft.
Max. solid diameter:	2 1/4"

Single and three phase models

Applications

- Water
- Wastewater
- Drainage

Model DLU — Water/wastewater submersible sump

Specifications	
Discharge Size:	2", 3", 4"
Range of HP:	to 5 HP
Capacity:	to 400 GPM
Head:	to 66 ft.
Max. solid diameter:	3"

Single and three phase models

Applications

- Sewage
- Water
- Wastewater
- Drainage *(household, industrial)*
- Irrigation

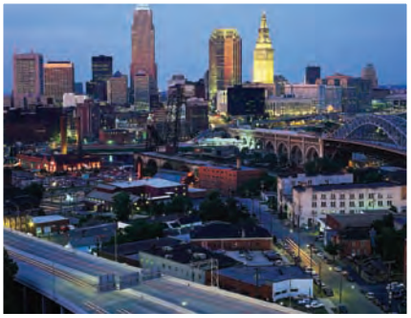
Model DWP, DWPM — Submersible dewatering

Specifications	
Discharge Size:	2", 3", 4", 6", 8"
Range of HP:	to 58 HP
Capacity:	to 2000 GPM
Head:	to 340 ft.

Single and three phase models

Applications

- Dewatering
- Drainage
- Construction
- Mining
- Power stations
- Steel mills
- Aquaculture

Water/Wastewater

Model DVU — Water/wastewater vortex non-clog

Specifications

Discharge Size:	2", 3", 4"
Range of HP:	to 5 HP
Capacity:	to 430 GPM
Head:	to 66 ft.
Max. solid diameter:	4"

Single and three phase models available

Applications

- Water *(municipal/industrial)*
- Wastewater *(municipal/industrial)*
- Sewage
- Drainage *(household, industrial)*
- Stock breeding

Model DGUII, DGFU — Submersible grinder

Specifications

Discharge Size:	1¼", 2"
Range of HP:	to 5 HP
Capacity:	to 80 GPM
Head:	to 150 ft.
Max. solid diameter:	3"

Single and three phase models; FM explosion proof available

Applications

- Small scale pressurized sewage transfer systems
- Drainage transfer
- Commercial/household sewage and drainage transfer

Model DLFU — Submersible non-clog water/wastewater

Specifications

Discharge Size:	2" to 12"
Range of HP:	2 to 60 HP
Capacity:	to 4000 GPM
Head:	to 243 ft.
Max. solid diameter:	3¼"

FM explosion proof available

Applications

- Industrial
- Municipal
- Water
- Wastewater
- Flood control




Model DVFU — Submersible vortex non-clog water/wastewater

Specifications

Discharge Size:	2" to 6"
Range of HP:	2 to 30 HP
Capacity:	to 1200 GPM
Head:	to 121 ft.
Max. solid diameter:	5"

FM explosion proof available

Applications

- Industrial
- Municipal
- Water
- Wastewater
- Sewage
- Drainage
- Stock breeding

Model DDLFU — Water/wastewater dry pit non-clog

Specifications

Discharge Size:	4" to 12"
Range of HP:	to 60 HP
Capacity:	to 4000 GPM
Head:	to 243 ft.
Max. solid diameter:	3 1/4"

FM explosion proof available

Applications

- Industrial
- Municipal
- Water
- Wastewater

Model DSC, DSC4, DSC4C — Large sewage/wastewater submersible non-clog

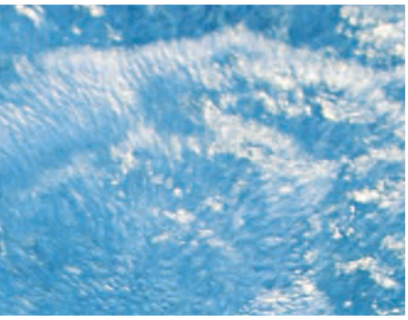
Specifications

Discharge Size:	6" to 24"
Range of HP:	to 800 HP
Capacity:	to 35,000 GPM
Head:	to 300 ft.
Max. solid diameter:	8 1/8"

FM explosion proof available; Dry-pit type available; Non-sewage cooled available

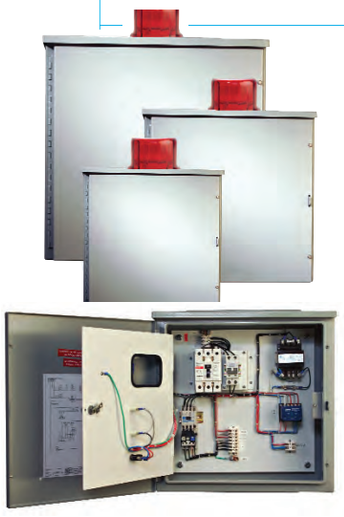
Applications

- Industrial
- Municipal
- Water
- Wastewater
- Floodwater




Control Panels/Drives

Control Panels — Basic, Standard or Custom



Features

- All Nema rated enclosures
- IEC or Nema starters
- Separate alarm and control circuits
- Build to engineers' specifications
- Build to customer specifications
- Components are UL Listed
- UL 508A Certified
- UL 698A Certified

Applications

- Industrial/Municipal water and wastewater

Single/Multiple pump flow controller

Features

- Built-in SCADA software - program, startup, system trending, status readout and diagnose
- Pump applications simulator - simulate drive parameters
- Pump specific operator keypad
- Digital output monitoring
- Simplex - simple setup
- Duplex/Triplex - Automatically starts and stops lead/lag pumps on demand
- Maintains constant system pressure
- Built to UL 508A Standards
- Serial communications options

Applications

- Booster pump systems
- Commercial/Residential Irrigation
- Submersible deep wells
- Fluid storage tanks
- Metering pumps
- Sludge pumps
- Settling ponds

StationBoss II — Water/wastewater flow control system

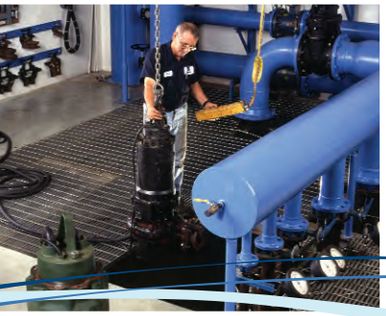

Features

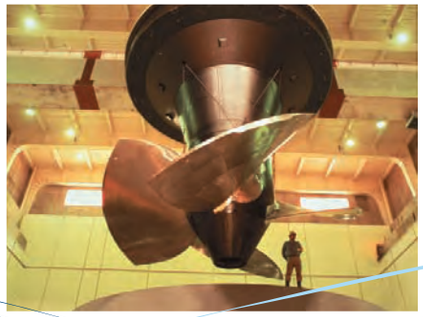
- Transducer or Float Operation
- User friendly screen operation
- Compatible with most major brands of VFD
- Pump continually trims to system curve
- Unlimited starts per hour
- Allows 3-Phase pumps to be operated from 1-phase power feed
- Controls up to 4 pumps
- Optimum energy controller

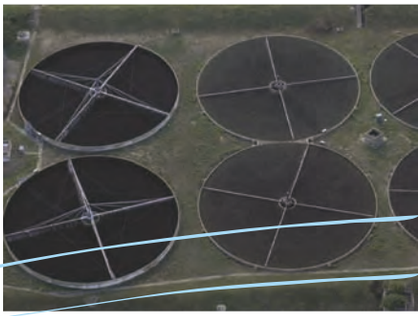
Applications

Adjust pump flow to meet system requirements, thereby increasing pump station capacity and improve efficiencies

STATION-BOSS II
Total Flow Control







Engineered for **Performance**

EBARA Fluid Handling

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