



**ROYAL**  
Industrial Trading Co.

# PUMPS

C A T A L O G

THE GUIDE OF WATER SOLUTIONS



**ROYAL GROUP**  
**SANITARY WARE**

*Beyond Creativity*  
Stylish, Elegant, Innovation





# INDEX PUMPS



# WATER TECHNOLOGY



## RESIDENTIAL BUILDING SERVICE

We offer reliable products, technically advanced, easy to install and efficient, ensuring high energy savings in the following domestic and residential application sectors: heating and air conditioning, water supply and pressurisation, irrigation and gardening, use of rain water, draining, collection and disposal of waste water, circulation and filtration of swimming pool water.



## COMMERCIAL BUILDING SERVICE

We obtained technologically advanced solutions, highly efficient and reliable, for many commercial application sectors: from heating and air conditioning circulation systems, to water supply and fire-fighting system pressurisation, to the disposal of waste water. just like, hospitals, universities, hotels, schools and factories.



## AGRICULTURE AND IRRIGATION

We offer pumping solutions for the extraction of water from the subsoil for agricultural and irrigation purposes. High quality submersible pumps and motors, reliable and capable of guaranteeing high energy efficiency. A wide range to meet the needs of any types of systems, up to industrial and aqueduct applications.





### QB

### Surface Vertical Pumps

1 Phase

	Model	H.P	M <sup>3</sup> /H	0	0.6	0.9	1.2	1.5	2.1	2.4	In/Out (Inch)
<b>44-1000</b>	QB50	0.3	H	20	15	10	5	2	-	-	1
<b>44-1001</b>	QB60	0.5	H	35	25	18	14	11	2	-	1
<b>44-1002</b>	QB70	0.75	H	48	40	37	31	20	13	2.5	1
<b>44-1003</b>	QB80	1	H	53	44	37	27	20	13	4	1

#### APPLICATION :

Vertical positive displacement surface pumps for small house hold system and simple industrial application.  
Brass impeller.  
100% copper wire.



### TCP

### Single Impeller Centrifugal Pumps

1 Phase

	Model	H.P	M <sup>3</sup> /H	0	1	2	3	4	5	6	In/Out (Inch)
<b>44-1013</b>	TCP158	1	H	30	27	26	24	21	17	13	1

#### APPLICATION :

Single impeller centrifugal pumps, suitable for household, civil and industrial application, with a very flat curve to guarantee constant pressure even when the delivery changes. S.S impeller.



### THF

### Single Impeller Centrifugal Pumps

1 Phase

	Model	H.P	M <sup>3</sup> /H	0	6	12	18	21	27	33	In/Out (Inch)
<b>44-1034</b>	THF6B-1	2	H	22	20	18	16	15	12	8	2

#### APPLICATION :

Open impeller centrifugal pumps for flow irrigation system for high flow rate in gardening and agriculture.



**THF** Peripheral pumps **1 Phase**

Model	H.P	M <sup>3</sup> /H	0	6	12	18	21	27	30	In/Out (Inch)
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<b>44-1035</b>	THF6B-3	3	H	26	24	21	17	14	7	5	2
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**APPLICATION :**

Centrifugal pumps that combine medium head with medium high delivery. Ideal for sprinkle irrigation and application where only slight pressure changes as the delivery changes.



**THF** Single Impeller Centrifugal Pumps **1 Phase**

Model	H.P	M <sup>3</sup> /H	0	1	3	5	7	9	11	In/Out (Inch)
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<b>44-1040</b>	THF6B-4	2.5	H	45	43	37	32	24	15	5	2
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**APPLICATION :**

Centrifugal pumps that combine medium head with medium high delivery. Ideal for sprinkle irrigation and application where only slight pressure changes as the delivery changes.



**THF** Monoblock Centrifugal Pumps **3 Phase**

Model	H.P	M <sup>3</sup> /H	0	5	10	15	20	25	27	In/Out (Inch)
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<b>44-1060</b>	THF150	5.5	H	44	40	36	25	16	10	5	2
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**APPLICATION :**

For pumping clean water and other chemically and mechanically non-aggressive liquids. Used for agricultural, industrial or general plant user.



**THF** Monoblock Centrifugal Pumps **3 Phase**

Model	H.P	M <sup>3</sup> /H	0	10	20	30	40	50	54	In/Out (Inch)
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<b>44-1065</b>	THF500	25	H	80	74	64	54	34	20	10	2
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**APPLICATION :**

For pumping clean water and other chemically and mechanically non-aggressive liquids. Used for agricultural, industrial or general plant user.



**2TCP** Single Impeller Centrifugal Pump **1 Phase**

Model	H.P	M <sup>3</sup> /H	0	2	3	4	6	7	8	In/Out (Inch)
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<b>44-1072</b> 2TCP25/160A	3	H	50	47	44	40	31	23	15	1.5/1.25
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**APPLICATION :**  
For pumping clean water and other chemically and mechanically non-aggressive liquids. Used for agricultural, industrial or general plant user.



**SG** Selfpriming Multi-Stage Water Pump **1 Phase**

Model	H.P	M <sup>3</sup> /H	0	0.5	1	1.5	2	2.5	2.7	In/Out (Inch)
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<b>44-1080</b> SGJ600	0.8	H	39	37	34.5	30	25	18	12	1
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**APPLICATION :**  
Develop high pressure and high-water lift with a comparatively low power consumption.



**TGP** Silent Pressure Pump **1 Phase**

Model	H.P	M <sup>3</sup> /H	0	0.6	0.9	1.2	1.5	1.8	2.1	In/Out (Inch)
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<b>44-1091</b> TGP125C	0.5	H	35	25	18	14	11	5	2	1
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**APPLICATION :**  
This pump is used to achieve the automatic running according to the water pressure, and the start and stop of our machine is controlled by the valve. The electronic pressure switch applied is adjustable and visible which means that the start and stop pressures can be adjusted depending on the actual working pressure.





**CL** Gas Boiler Water Pump **1 Phase**

Model	H.P	M <sup>3</sup> /H	0	0.25	0.5	0.75	1	1.25	In/Out (Inch)
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<b>44-1096</b>	CL15GRS-10 ECO	0.12	H	15	12	9	6	4	2.5	0.75
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**APPLICATION :**

For boosting insufficient mains water pressure such as :

- Shower
- Solar water heaters
- Circulating hot water for industrial equipment increasing oxygen for rearing ponds or fish tanks.
- Liquid temperature maximum: 35°C



**GP** Drainage Submersible Pump **1 Phase**

Model	H.P	M <sup>3</sup> /H	0	2.4	4.8	6	7.2	8.4	10.8	Out (Inch)
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<b>44-1101</b>	GP500	0.55	H	6.5	5.5	3.5	2.5	-	-	-	1.5
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<b>44-1102</b>	GP550	0.75	H	8	7	5	4	2.5	1.5	-	1.5
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<b>44-1103</b>	GP750	1	H	10	9	8	7	6	5	2.5	1.5
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**APPLICATION :**

Drainage pumps for emptying pits and cisterns, for gardening.



**WQD** Drainage Submersible Pump **1 Phase**

Model	H.P	M <sup>3</sup> /H	0	3	6	9	12	15	18	Out (Inch)
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<b>44-1120</b>	WQD5-15-0.75	1	H	14	13	12	11	9	7	4	2
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**APPLICATION :**

Submersible drainage pumps with plunged open impeller with grid. Suitable for clean waters, even with small suspended solids, for drainage of flowing and collection rain waters.





### QBG Surface Water Pump 1 Phase

	Model	H.P	M <sup>3</sup> /H	0	0.3	1.2	1.8	2.4	3	3.5	In/Out (Inch)
<b>44-1301</b>	QB60G	0.5	H	33	27	12	5	-	-	-	1
<b>44-1302</b>	QB70G	0.75	H	48	40	23	14	6	-	-	1
<b>44-1303</b>	QB80G	1	H	60	52	33	23	14	6	2	1

#### APPLICATION :

Suitable for transferring water without abrasive particles or other liquid whose properties are similar to water. Widely used in garden irrigation, vegetable greenhouse water supply, breeding industry water supply and drainage, various corollary equipment, etc.



### CPm Surface Centrifugal Pump 1 Phase

	Model	H.P	M <sup>3</sup> /H	0	0.8	1.6	2.4	3.2	5.6	7	In/Out (Inch)
<b>44-1313</b>	CPm158	1	H	32	31	30	29	27	15	3	1
<b>44-1315</b>	CPm190	2	H	48	47	45	42	38	22	9	1

#### APPLICATION :

This centrifugal pump is mainly used for irrigation project or garden, household water supply system, water supply and pressurizing systems, such as pressurized water supply for the water heater in the barber's shop. In addition, this product should be installed in enclosed places, or at least some devices should be used to protect it against inclement weather.



### JET Surface Jet Pump 1 Phase

	Model	H.P	M <sup>3</sup> /H	0	0.4	1.2	2	2.8	3.6	4	In/Out (Inch)
<b>44-1323</b>	JET100P	1	H	46	44	37.5	30	21	10	5	1

#### APPLICATION :

Suitable for transferring water without abrasive particles or other liquid whose properties are similar to water. Widely used in living water supply, water tower water supply, well water lifting, automatic irrigation system, various corollary equipment, etc.

The most outstanding features of this machine are good self-priming property and high water discharge pressure, and the self-priming time is quite short.



**SHF (m)** Centrifugal Irrigation Pumps **1 Phase**

Model	H.P	M <sup>3</sup> /H	6	12	24	36	48	60	72	In/Out (Inch)
<b>44-1333</b> SHFm5AM	2	H	21	19.5	12.5	-	-	-	-	2
<b>44-1334</b> SHFm6AM	3	H	18	17	15	13	10	7	2	3

**APPLICATION :**

Centrifugal single impeller low head water pumps for flow irrigation systems with high flow rates. Suitable to pump clean water or non-aggressive liquids charged with small solid impurities. To be used in flow irrigation systems in gardening and agriculture and in industrial fittings.



**SHF** Centrifugal Irrigation Pumps **3 Phase**

Model	H.P	M <sup>3</sup> /H	0	24	48	72	96	108	120	In/Out (Inch)
<b>44-1336</b> SHF20A	5.5	H	19	19.5	17.5	13.5	8	5	2	4

**APPLICATION :**

Centrifugal single impeller low head water pumps for flow irrigation systems with high flow rates. Suitable to pump clean water or non-aggressive liquids charged with small solid impurities. To be used in flow irrigation systems in gardening and agriculture and in industrial fittings.



**2SGP (m)** Twin impeller centrifugal pumps **1 Phase**

Model	H.P	M <sup>3</sup> /H	0	2	4	6	8	10	13	In/Out (Inch)
<b>44-1343</b> 2SGPm25/160	2	H	50	47	42	46	27	15	3	1.5/1

**APPLICATION :**

Twin impeller centrifugal water pumps to lift clean water and non-aggressive liquids. The main feature are the two opposite impellers which allow higher lifts than in the single-impeller model. They are qualified for civil and industrial fittings, for water distribution by tank pressure groups and for irrigation in gardening and agriculture.



**SGT** Monoblock Centrifugal Pumps **3 Phase**

Model	H.P	M <sup>3</sup> /H	0	12	24	28	30	36	38	In/Out (Inch)
<b>44-1357</b> SGT40-200/5.5	7.5	H	42	41	38	32	35	24	3	2.5/1.5
<b>44-1358</b> SGT40-200/7.5	10	H	52	50	49	48	45	36	3	2.5/1.5

**APPLICATION :**

Suitable for transferring water without abrasive particles or other liquid whose properties are similar to water. Widely used in industrial and urban water supply, high-rise building boosting, fire protection system, breeding.



**BWJ** Horizontal Multi-Stage Centrifugal Pumps **1 Phase**

	Model	H.P	M <sup>3</sup> /H	0	0.5	1	1.5	2	2.5	3	In/Out (Inch)
<b>44-1361</b>	BWJ2-4	0.75	H	36	35	34	32	30	26	21	1
<b>44-1362</b>	BWJ2-6	1	H	53.5	53	51	48	45	39	32	1

**APPLICATION :**

Horizontal multi-impeller water pumps able to develop high pressure and a high water lift with a comparatively low power consumption. Thanks to their silent running and very good features, they are suitable in domestic fittings by tank pressure groups, for small sprinkler irrigation and car washing. Particularly suitable for automatic systems controlled by pressure regulator or inverter.



**BL** Vertical Multi-Stage Centrifugal Pump **1 Phase**

	Model	H.P	M <sup>3</sup> /H	1	1.2	2	3	4	5	6	In/Out (Inch)
<b>44-1373</b>	BL2-9	1.5	H	80	78	67	45	-	-	-	1
<b>44-1374</b>	BL4-10	3	H	100	98	90	87	81	71	62	1.25

**APPLICATION :**

Centrifugal vertical multistage water pumps able to develop high pressure and a high water lift with a comparatively low power consumption. Universal pump for civil and industrial purposes, for medium pressure system, for irrigation in agriculture, sports fittings and domestic use. Particularly suitable for high pressure systems.



**BL** Vertical Multi-Stage Centrifugal Pump **3 Phase**

	Model	H.P	M <sup>3</sup> /H	7	10	12	14	20	24	28	In/Out (Inch)
<b>44-1375</b>	BL8-11	5.5	H	110	86	74	-	-	-	-	1.5
<b>44-1377</b>	BL12-8	7.5	H	95.5	88	80	70	-	-	-	2
<b>44-13793</b>	BL20-7	10	H	-	-	-	91	82	71	58	2
<b>44-13795</b>	BL20-10	15	H	-	-	-	131	118	103	85	2
<b>44-13797</b>	BL20-14	20	H	-	-	-	185	166	145	119	2
<b>44-13799</b>	BL20-17	25	H	-	-	-	225	202	177	162	2

**APPLICATION :**

Centrifugal vertical multistage water pumps able to develop high pressure and a high-water lift with a comparatively low power consumption. Universal pump for civil and industrial purposes, for medium pressure system, for irrigation in agriculture, sports fittings and domestic use. Particularly suitable for high pressure systems.



**ZPS** Automatic Booster Circulation Pump **1 Phase**

	Model	Watt	M <sup>3</sup> /H	0	1	1.5	2	2.5	3	3.5	In/Out (Inch)
<b>44-1380</b>	ZPS20-12-180	245	H	12	10.3	9.3	8	6.3	4.8	2.8	1

**APPLICATION :**

Automatic booster circulation pump contains cast aluminum motor casing, engineering plastic impeller, wear resistant ceramic shaft, ceramic thrust bearing, stainless steel protector rotor sleeve, etc. Our product is environment friendly, and it also has some excellent features, such as low noise, no leakage, beautiful appearance, etc. Depending on these properties, this circulation pump is used for solar energy, heating and ventilating system, automatic pressurizing for household water supply and others.

Class of Protection: IP44.

Liquid temperature range: From 2°C to +90°C.



**PW** Silent Pressure Pump **1 Phase**

	Model	H.P	M <sup>3</sup> /H	0	0.6	1.2	1.5	1.8	2.1	2.3	In/Out (Inch)
<b>44-1381</b>	PW250	0.34	H	30	20	11	8.5	4	1	-	1
<b>44-1382</b>	PW370	0.5	H	36	24	14	11	7	3	1.5	1

**APPLICATION :**

This pump is used to achieve the automatic running according to the water pressure, and the start and stop of our machine is controlled by the valve. The electronic pressure switch applied is adjustable and visible which means that the start and stop pressures can be adjusted depending on the actual working pressure. In this way, the automatic working is realized, and there is no need to cut off electricity.  
Liquid temperature maximum: 90°C.



**PW-Z** Silent Pressure Pump With Sensor **1 Phase**

	Model	H.P	M <sup>3</sup> /H	0	0.6	1.2	1.5	1.8	2.1	2.3	In/Out (Inch)
<b>44-1391</b>	PW250Z	0.34	H	30	20	11	8.5	4	1	-	1
<b>44-1392</b>	PW370Z	0.5	H	36	24	14	11	7	3	1.5	1

**APPLICATION :**

Self-priming peripheral pump with Intelligent control by both flow sensor and pressure sensor. Time delay start: 3-seconds delay on startup to prevent electric transient surge. Dry-Run protection: Pump shut down if no water flows past pump inlet after running 6 minutes, when there is water flow past pump inlet, pump restart. Scale prevention: Pump will automatically run 10 seconds for scale prevention once per 3 days among outage period.  
Liquid temperature maximum: 90°C.



**PZ** Silent Pressure Pump With Sensor **1 Phase**

	Model	H.P	M <sup>3</sup> /H	0	0.6	1.2	1.5	1.8	2.1	2.4	In/Out (Inch)
<b>44-1490</b>	PZ125	0.17	H	24	18	11	8.5	4	1	-	1
<b>44-1491</b>	PZ250	0.34	H	28	23	14	11	7	3	1.5	1

**APPLICATION :**

Self-priming peripheral pump with Intelligent control by both flow sensor and pressure sensor. Time delay start: 3-seconds delay on startup to prevent electric transient surge. Dry-Run protection: Pump shut down if no water flows past pump inlet after running 6 minutes, when there is water flow past pump inlet, pump restart. Scale prevention: Pump will automatically run 10 seconds for scale prevention once per 3 days among outage period.  
High level of protection: IPX4 for motor and pump, through optimal motor casing / end cover.  
Liquid temperature maximum: 60°C.



**GW** Gas Boiler Water Pump **1 Phase**

	Model	H.P	Max.Flow M <sup>3</sup> /H	Max.Head (M)	In/Out (Inch)
<b>44-1395</b>	15WG-90R	0.12	0.8	10	0.75

**APPLICATION :**

For boosting insufficient mains water pressure such as:  
- Shower  
- Solar water heaters.  
- Liquid temperature maximum: 80°C  
- Circulating hot water for industrial equipment increasing oxygen for rearing ponds or fish tanks.



**QDX-H1**

**Submersible Pump For Clean Water**

**1 Phase**

	Model	H.P	M <sup>3</sup> /H	0	2	4	6	10	14	18	Out (Inch)
<b>44-1402</b>	QDX3-18-0.55A	0.75	H	20	19	16	8	4	1	-	1
<b>44-1403</b>	QDX8-18-0.75A	1	H	21	20.5	19.5	19	17	12	6	1.5

**APPLICATION :**

Clean water without abrasive particles , mainly used for well pumping,river pumping , flowing rain water collection , pumping water out from cellars, garages, basement water supply, drainage in breeding industry.



**QDX-K3**

**Submersible Drainage Pump**

**1 Phase**

	Model	H.P	M <sup>3</sup> /H	0	2	4	6	10	14	18	Out (Inch)
<b>44-1412</b>	QDX1.5-25-0.55K3	0.75	H	26	23	20	5	-	-	-	1
<b>44-1413</b>	QDX8-18-0.75K3	1	H	21	20.5	19	18	16	5	-	1.5
<b>44-1414</b>	QDX3-30-1.1K3	1.5	H	31	30	29	26	16	14	-	1
<b>44-1416</b>	QDX6-25-1.1K3	1.5	H	29	28	27	24	19	13	5	2

**APPLICATION :**

Cast iron submersible drainage pump is used to pump and drain clean water without abrasive particles, mainly used for well pumping, river pumping, flowing rain water collection, pumping water out from cellars, garages, basement water supply, drainage in breeding industry.



**QDX-L2**

**Submersible Drainage Pump**

**1 Phase**

	Model	H.P	M <sup>3</sup> /H	0	1	2	4	10	12	15	Out (Inch)
<b>44-1422</b>	QDX1.5-25-0.55L2	0.75	H	27	26	25	19	-	-	-	1
<b>44-1423</b>	QDX8-18-0.75L2	1	H	20	19.5	19	18	16	12	10	1.5
<b>44-1424</b>	QDX3-30-1.1L2	1.5	H	31	30	29	28	17	-	-	1

**APPLICATION :**

Aluminum submersible drainage pump is used to pump and drain clean water without abrasive particles, mainly used for well pumping, river pumping, flowing rain water collection, pumping water out from cellars, garages, basement water supply, drainage in breeding industry.



**WSD** S.S Submersible Sewage Pump **1 Phase**

Model	H.P	M <sup>3</sup> /H	0	5	7	10	13	15	20	Out (Inch)
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<b>44-1431</b>	WSD75/35	1	H	11	9	8.2	7.5	6.5	6	5	2
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**APPLICATION :**  
Stainless steel submersible sewage pump is used to pump and drain dirty water with suspended solid, and the solid can be as large as 50mm. This product is also suitable for emptying cesspit, processing industrial and sanitary waste water, etc.



**WVSD** S.S Submersible Sewage Pump **1 Phase**

Model	H.P	M <sup>3</sup> /H	0	3	6	12	18	24	30	Out (Inch)
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<b>44-1441</b>	WVSD110(F)	1.5	H	13.5	13	12.5	11	9.5	7	4	2
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<b>44-1442</b>	WVSD150(F)	2	H	14.5	14	13	12	10	8	5.5	2
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**APPLICATION :**  
Stainless steel submersible sewage pump is used to pump and drain dirty water with suspended solid, and the solid can be as large as 50mm. This product is also suitable for emptying cesspit, processing industrial and sanitary waste water, etc.



**WQD-QG** Submersible Sewage Pump With Cutting System **1 Phase**

Model	H.P	M <sup>3</sup> /H	3	5	10	15	20	25	26	Out (Inch)
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<b>44-1462</b>	50WQD1.5QG	2	H	16	15	14	13	10	7	5	2
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**APPLICATION :**  
Cast iron submersible sewage pump with cutting disc is used to pump and extract domestic and industrial sewage, biogas digesters, sewage treatment and aquaculture sewage. The water inlet of the electric pump is equipped with a cutting disc, so that long fiber cloth, hair and other debris in the water can be chopped during operation, and the gap between the spiral impeller and the cutting disc is small. The pump body is equipped with a cutting groove to effectively remove debris.



**WQ-QG** Submersible Sewage Pump With Cutting System **3 Phase**

Model	H.P	M <sup>3</sup> /H	10	20	27	50	75	100	130	Out (Inch)
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<b>44-1465</b>	50WQ2.2QG	3	H	26	16	5	-	-	-	2
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<b>44-1467</b>	100WQ5.5QG	7.5	H	27	24	23	17	12	5	4
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<b>44-1468</b>	100WQ7.5QG	10	H	28	27	26	23	18	13	5	4
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**APPLICATION :**  
Cast iron submersible sewage pump with cutting disc is used to pump and extract domestic and industrial sewage, biogas digesters, sewage treatment and aquaculture sewage. The water inlet of the electric pump is equipped with a cutting disc, so that long fiber cloth, hair and other debris in the water can be chopped during operation, and the gap between the spiral impeller and the cutting disc is small. The pump body is equipped with a cutting groove to effectively remove debris.



**XPS** Wet Rotor Circulators **1 Phase**

Model	Watt	M <sup>3</sup> /H	0.5	1	1.5	2	2.5	3	4	In/Out (Inch)
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<b>44-1900</b>	XPS 25-6-130	90	H	5.5	4.8	4.3	3.7	3.1	2.5	1	1.5/1
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**APPLICATION :**

XPS circulating pumps are designed for circulation of liquids in heating and air-conditioning systems. Examples of typical applications are mix water underfloor heating system, air energy hot water circulation system, solar hot water circulation system, etc.  
Class of Protection: IP44.  
Liquid temperature range: From 2°C to +110°C.



**XPS** Wet Rotor Circulators **1 Phase**

Model	Watt	M <sup>3</sup> /H	1	3	5	7	8	9	10	In/Out (Inch)
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<b>44-1911</b>	XPS 32-8-180	245	H	7.5	6.2	4.8	3.5	3	2.3	1.5	2/1.25
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**APPLICATION :**

XPS circulating pumps are designed for circulation of liquids in heating and air-conditioning systems. Examples of typical applications are mix water underfloor heating system, air energy hot water circulation system, solar hot water circulation system, etc.  
Class of Protection: IP44.  
Liquid temperature range: From 2°C to +110°C.



**H** Wet Rotor Circulators **1 Phase**

Model	Watt	M <sup>3</sup> /H	0.5	1	2	3	4	6	8	In/Out (Inch)
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<b>44-1912</b>	H-110	300	H	8.7	8.5	7.8	7	6.5	4.7	2.7	2/1.25
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**APPLICATION :**

XPS circulating pumps are designed for circulation of liquids in heating and air-conditioning systems. Examples of typical applications are mix water underfloor heating system, air energy hot water circulation system, solar hot water circulation system, etc.  
Class of Protection: IP44.  
Liquid temperature range: From 2°C to +110°C.



Pump Unions

Size (Inch)	Size (Inch)
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<b>44-1992</b>	1.5/1	<b>44-1996</b>	2/1.25
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HIGH PERFORMANCES  
**FOR ALL NEEDS**



### 4" Submersible Motors

**1 Phase**

	Model	H.P	POWER (KW)	RPM	Duty Type
<b>44-1734</b>	Motor 2.2KW/ HP3	3	2.2	2850	S1

**3 Phase**

<b>44-1755</b>	Motor 3KW/ HP4T	4	3	2850	S1
<b>44-1756</b>	Motor 4KW/ HP5.5T	5.5	4	2850	S1
<b>44-1757</b>	Motor 5.5KW/ HP7.5T	7.5	5.5	2850	S1

**APPLICATION :**

4" submersible electric motor made entirely of AISI 304 stainless steel and cast iron. Designed for pressure boosting, gardening and irrigation, drawing water from subsoil in civil and commercial applications and for using water in irrigation systems also in agriculture. Max operating depth: 370m. Class of Protection: IP68.



**4SP**

### 4" Deep-Well Submersible Pumps

**1 Phase**

	Model	H.P	M <sup>3</sup> /H	0.6	1.2	1.8	3	4.2	5.4	6.6	Out (Inch)
<b>44-1744</b>	4SPM 3-33	3	H	195	185	174	143	88	-	-	1.25

**3 Phase**

<b>44-1765</b>	4SP 5-33	4	H	202	194	187	173	154	121	74	1.5
<b>44-1766</b>	4SP 5-44	5.5	H	270	259	249	231	205	161	99	1.5
<b>44-1767</b>	4SP 5-58	7.5	H	356	341	329	304	271	213	130	1.5

**APPLICATION :**

Submersible 4" multi-impeller borehole pumps for clean, non-aggressive water free from solids or abrasive substances. Designed for water boosting, gardening and irrigation, lifting water from boreholes in domestic and residential, civil and commercial applications. Pump body and impellers in pressed AISI 304 stainless steel. Maximum immersion: 80m. Class of protection: IP68.



## 6" Submersible Motors

**3 Phase**

	Model	H.P	POWER (KW)	RPM	Duty Type
<b>44-1773</b>	Motor 11KW/ HP15T	15	11	2850	S1
<b>44-1774</b>	Motor 15KW/ HP20T	20	15	2850	S1
<b>44-1775</b>	Motor 18.5KW/ HP25T	25	18.5	2850	S1
<b>44-1776</b>	Motor 22KW/ HP30T	30	22	2850	S1
<b>44-1777</b>	Motor 26KW/ HP35T	35	26	2850	S1
<b>44-1778</b>	Motor 30KW/ HP40T	40	30	2850	S1
<b>44-1779</b>	Motor 37KW/ HP50T	50	37	2850	S1

**APPLICATION :**

6" submersible electric motor made entirely of AISI 304 stainless steel and cast iron. Designed for pressure boosting, gardening and irrigation, drawing water from subsoil in civil and commercial applications and for using water in irrigation systems also in agriculture. Max operating depth: 300m. Class of Protection: IP68.



## 6SP

## 6" Deep-Well Submersible Pumps - Hydraulic Part

**3 Phase**

	Model	H.P	M <sup>3</sup> /H	18	30	42	48	60	66	78	Out (Inch)
<b>44-1783</b>	6SP 60-6	15	H	82	72	62	58	47	40	22	4
<b>44-1784</b>	6SP 60-8	20	H	109	96	82	77	62	53	29	4
<b>44-1785</b>	6SP 60-10	25	H	136	120	103	96	78	66	36	4
<b>44-1786</b>	6SP 60-12	30	H	164	144	124	116	94	80	44	4
<b>44-1787</b>	6SP 60-15	35	H	205	180	154	145	117	100	55	4
<b>44-1788</b>	6SP 60-17	40	H	232	204	175	164	133	113	62	4
<b>44-1789</b>	6SP 60-20	50	H	273	240	206	193	156	133	73	4

**APPLICATION :**

Submersible 6" multi-impeller borehole pumps for clean, non-aggressive water free from solids or abrasive substances. Designed for water boosting, gardening and irrigation, lifting water from boreholes in domestic and residential, civil and commercial applications. Pump body and impellers in pressed AISI 304 stainless steel. Maximum immersion: 100m. Class of protection: IP68.





**KPM** Surface Water Pump **1 Phase**

	Model	H.P	M <sup>3</sup> /H	0.3	0.6	1	1.5	1.8	2.1	3	In/Out (Inch)
<b>44-2001</b>	KPM50	0.5	H	34	30	25	17	13	10	-	1
<b>44-2002</b>	KPM80	0.8	H	59	55	50	40	35	30	15	1
<b>44-2003</b>	KPM100	1	H	69	64	59	50	46	40	25	1

**APPLICATION :**

They are qualified in domestic fittings, to increase the system pressure, For the correct functioning of the pump, use clean water or non-aggressive liquids only, without sand or other solid impurities.



**CM** Surface Centrifugal Water Pump **1 Phase**

	Model	H.P	M <sup>3</sup> /H	0.6	1.2	2.7	3.6	5.4	6	7.5	In/Out (Inch)
<b>44-2011</b>	CM22	0.5	H	20	18	17	16	12	10	-	1
<b>44-2013</b>	CM32	1	H	29	28	26	23	20	18	14	1
<b>44-2014</b>	CM35	1.5	H	36	35.5	34.5	33.5	28	27	26	1.25/1
<b>44-2015</b>	CM45	2	H	43	42	41	40.5	36.5	35	34	1.25/1

**APPLICATION :**

Single impeller centrifugal pumps suitable to cover any small, medium or large capacity request; for domestic, agricultural and industrial purposes; with automatic water distribution through small and medium sized tanks.



**CAM** Surface Jet Pump **1 Phase**

	Model	H.P	M <sup>3</sup> /H	0.6	0.9	1.2	1.8	2.1	2.7	3	In/Out (Inch)
<b>44-2022</b>	CAM40	0.75	H	38	36	34	29	27	22	19	1
<b>44-2023</b>	CAM100	1	H	45	43	40	36	33	29	27	1

**APPLICATION :**

Self-priming jet water pumps Able to pump up to mt.8 depth and work perfectly even in soda water.  
Suitable for water lifting and distribution in domestic fittings by small and medium sized tanks.

## APM Surface Pump For Deep Suction 1 Phase



Model	H.P	M <sup>3</sup> /H	Depth	0.18	0.6	1.2	1.5	1.8	2.1	In/Out (Inch)
<b>44-2026</b> APM100	1	H	15	41	34	27	22.5	21	17	1.25/1
	1	H	20	36	29	22	17.5	16	12	1.25/1
	1	H	25	32	22	13	6.5	-	-	1.25/1
	1	H	30	27	17	8	-	-	-	1.25/1
	1	H	35	22	12	-	-	-	-	1.25/1
<b>44-2028</b> APM200	2	H	15	67	60	51.5	46.5	45.5	-	1.25/1
	2	H	20	62	55	46.5	41.5	40.5	-	1.25/1
	2	H	25	57	50	41.5	36.5	35.5	-	1.25/1
	2	H	35	68	57	43.5	14.5	-	-	1.25/1
	2	H	50	53	42	28.5	10	-	-	1.25/1



**APPLICATION :**

Self-priming water pumps for deep suction up to mt. 50 to be used in case of important water level gaps. Suitable to drain water from wells and in domestic fittings by small and medium sized tanks.

## CFM Centrifugal Pump Cast Iron Impeller 1 Phase



Model	H.P	M <sup>3</sup> /H	6	9	18	21	24	27	30	In/Out (Inch)
<b>44-2031</b> CFM200	2	H	27	26	21	19	17	14.5	12	2
<b>44-2032</b> CFM300	3	H	33.5	32.5	27	25	22.5	19.5	16.5	2

**APPLICATION :**

Centrifugal monoblock with cast iron impeller. These machines are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. Used for a wide variety of applications in civil, agricultural, industrial or general plant uses.

## 2CM 25 Twin Impeller Centrifugal Pump 1 Phase



Model	H.P	M <sup>3</sup> /H	1.2	2.4	4.8	6	7.2	8.4	9.6	In/Out (Inch)
<b>44-2041</b> 2CM25/160C	1.5	H	51	49	44	40	35	27	23	1.25/1
<b>44-2042</b> 2CM25/160BC	2	H	54	52	46	42	36	28	26	1.25/1
<b>44-2043</b> 2CM25/160A	3	H	65	62.5	59	57	54	50.5	46	1.25/1

**APPLICATION :**

Twin impeller centrifugal water pumps to lift clean water and non-aggressive liquids. The main feature are the two opposite impellers which allow higher lifts than in the single-impeller model. They are qualified for civil and industrial fittings, for water distribution by tank pressure groups and for irrigation in gardening and agriculture.



## 2C32

## Twin Impeller Centrifugal Pump

3 Phase

	Model	H.P	M <sup>3</sup> /H	1.2	2.4	4.8	6	9.6	12	18	In/Out (Inch)
<b>44-2044</b>	2C25/160A	3	H	65	62.5	59	57	46	-	-	1.25/1
<b>44-20441</b>	2C32/190B	4	H	74	72	65	63	54	43	-	1.5/1.25
<b>44-20442</b>	2C32/190A	5.5	H	88	86	80	77	64	56	-	1.5/1.25
<b>44-20443</b>	2C32/210C	7.5	H	89.6	89	88	87	82	76	49	2/1.25

### APPLICATION :

Twin impeller centrifugal water pumps to lift clean water and non-aggressive liquids. The main feature are the two opposite impellers which allow higher lifts than in the single-impeller model. They are qualified for civil and industrial fittings, for water distribution by tank pressure groups and for irrigation in gardening and agriculture.



## HGM

## Self-Priming Monoblock Pump

1 Phase

	Model	H.P	M <sup>3</sup> /H	3	6	18	24	36	48	60	In/Out (Inch)
<b>44-2045</b>	HGM50-1.1	1.5	H	18.5	18	13.5	10.5	-	-	-	2
<b>44-2046</b>	HGM50-1.5	2	H	19	19	15	12	4	-	-	2
<b>44-2047</b>	HGM50-2.2	3	H	-	17	15	14	13	11	6	3

### APPLICATION :

Self-priming monoblock water pumps with open impeller. The check valve inside the suction outlet avoids the syphon effect when stopping and assures the automatic re-start each time. The pump self-priming even if partially filled and if the suction hose is completely empty. Suitable to drain clean or slightly dirty water and in flood irrigation systems.



## CBM

## Surface Centrifugal Irrigation Pump

1 Phase

	Model	H.P	M <sup>3</sup> /H	3	12	18	24	42	60	72	In/Out (Inch)
<b>44-2050</b>	CBM152	1.5	H	21	16	11	-	-	-	-	2
<b>44-2051</b>	CBM203A	2	H	-	16	15	14	6	-	-	3
<b>44-2052</b>	CBM203B	2	H	-	-	14	14	11	-	-	3
<b>44-2053</b>	CBM303A	3	H	-	22	21	20	13	-	-	3
<b>44-2054</b>	CBM303B	3	H	-	-	17	17	15	10	-	3
<b>44-2057</b>	CBM454A	4	H	-	27	26	25	19	-	-	4
<b>44-2058</b>	CBM454B	4	H	-	-	22	21	19	15	10	4

### APPLICATION :

Centrifugal irrigation pumps with single impeller. Suitable to pump clean water or non-aggressive liquids charged with small solid impurities. To be used in flow irrigation systems in gardening and agriculture and in industrial fittings.



**CS** Monoblock Centrifugal Pump **3 Phase**

	Model	H.P	M <sup>3</sup> /H	6	7.5	12	21	24	30	36	In/Out (Inch)
<b>44-2060</b>	CS32-160C	2	H	26	25	24	20	18	-	-	2/1.25
<b>44-2061</b>	CS32-160B	3	H	29	29	27	23	22	16	-	2/1.25
<b>44-2062</b>	CS32-160A	4	H	37	36	35	30	29	24	-	2/1.25
<b>44-2063</b>	CS32-200C	5.5	H	41	41	40	37	35	32	26	2/1.25
<b>44-2064</b>	CS32-200B	7.5	H	56	56	55	52	50	47	43	2/1.25
	Model	H.P	M <sup>3</sup> /H	9	21	24	30	36	42	54	In/Out (Inch)
<b>44-20645</b>	CS40-200B	7.5	H	46.5	44.5	43.5	41.5	39.5	37	31.5	2.5/1.5
<b>44-20646</b>	CS40-200A	10	H	56	54	53	51	49	46.5	40.5	2.5/1.5
<b>44-20647</b>	CS40-250B	15	H	74	73.5	73	71	68.5	65.5	54	2.5/1.5
	Model	H.P	M <sup>3</sup> /H	21	27	33	48	60	72	78	In/Out (Inch)
<b>44-2065</b>	CS50-160C	5.5	H	30	29	28	24	21	16	-	2.5/2
<b>44-2066</b>	CS50-160B	7.5	H	37	37	36	32	29	24	21	2.5/2
<b>44-2067</b>	CS50-160A	10	H	40	40	39	35	32	27	23	2.5/2
<b>44-2068</b>	CS50-200C	12.5	H	-	49	48	45	42	37	33	2.5/2
<b>44-2069</b>	CS50-200B	15	H	-	52.5	51.7	49.2	46	41	38	2.5/2
<b>44-20693</b>	CS65-160A	20	H	-	-	-	39.5	38.5	37.5	37	3/2.5
	Model	H.P	M <sup>3</sup> /H	66	84	120	156	195	225	240	In/Out (Inch)
<b>44-20697</b>	CS80-200B	40	H	54.1	53.6	51.3	47.7	41.2	33.6	28.5	4/3

**APPLICATION :**

These machines are ideal for pumping clean water and other chemically and mechanically non-aggressive liquids. They are adapted for civil, agricultural, industrial or general plant uses, water supply, spray or flowing irrigation, autoclave feed, high pressure system, heating, conditioning and Firefighting Applications.



**CAM INOX** Selfpriming Jet INOX Pump **1 Phase**

	Model	H.P	M <sup>3</sup> /H	0.6	0.9	1.2	1.8	2.4	2.7	3	In/Out (Inch)
<b>44-2035</b>	CAM80	0.8	H	38	36	34	29	25	22	19	1

**APPLICATION :**

Self-priming jet water pumps with a very high hydraulic performance and a considerable pressure capacity. Able to pump up to mt. 8 depth and work perfectly even in soda-water. Suitable for drinkable water, water lifting and distribution in domestic fittings by small and medium sized tanks.





**RSM** Multi-Impeller Horizontal Centrifugal Pump **1 Phase**

	Model	H.P	M <sup>3</sup> /H	0.6	1.2	2.7	3.6	4.5	4.8	5.4	In/Out (Inch)
<b>44-2070</b>	RSM3	0.8	H	34	33	28	23	18	15	13	1
<b>44-2071</b>	RSM4	1	H	45	44	38	33	25	21	18	1
<b>44-2072</b>	RSM5	1.5	H	60	56	47	40	33	28	24	1

**APPLICATION :**

Centrifugal horizontal multi-impeller water pumps able to develop high pressure and a high water lift with a comparatively low power consumption. Thanks to their silent running and very good features, they are suitable in domestic fittings by tank pressure groups, for small sprinkler irrigations and car washing.



**RSM** Multi-Impeller Horizontal Centrifugal Pump **1 Phase**

	Model	H.P	M <sup>3</sup> /H	0.6	1.2	2.7	4.5	5.4	7.2	9.6	In/Out (Inch)
<b>44-2073</b>	RSM40	2	H	49	48	44	40	37	30	15	1.25/1
<b>44-2074</b>	RSM50	2.5	H	59	57	55	48	44	34	18	1.25/1
<b>44-2075</b>	RSM60	3	H	72	68	65	58	53	41	22	1.25/1

**APPLICATION :**

Centrifugal horizontal multi-impeller water pumps able to develop high pressure and a high water lift with a comparatively low power consumption. Thanks to their silent running and very good features, they are suitable in domestic fittings by tank pressure groups, for small sprinkler irrigations and car washing.



**RSXM** Horizontal Multi-Stage Pumps **1 Phase**

	Model	H.P	M <sup>3</sup> /H	0.6	1.2	1.8	2.4	3	4.2	4.8	In/Out (Inch)
<b>44-2081</b>	RSXM2-6	1	H	53	49	45	40	34	20	10	1

**APPLICATION :**

Horizontal multi-impeller water pumps able to develop high pressure and a high-water lift with a comparatively low power consumption. Thanks to their silent running and very good features, they are suitable in domestic fittings by tank pressure groups, for small sprinkler irrigations and car washing.



**RXM** Horizontal Multi-Stage Pumps **1 Phase**

	Model	H.P	M <sup>3</sup> /H	1.8	3.6	5.4	10.8	15.6	16.8	18	In/Out (Inch)
<b>44-2083</b>	RXM10-4	2	H	42	40	37.5	28	14	10	-	1.5/1.25
<b>44-2084</b>	RXM10-5	3	H	53	51.5	49	38	21	16	11	1.5/1.25

**APPLICATION :**

Horizontal multi-impeller water pumps able to develop high pressure and a high-water lift with a comparatively low power consumption. Thanks to their silent running and very good features, they are suitable in domestic fittings by tank pressure groups, for small sprinkler irrigations and car washing.


**TS**
**Submersible Drainage Pump**
**1 Phase**

	Model	Watt	M <sup>3</sup> /H	0.6	1.2	2.4	3.6	5.4	8.4	14.4	Out (Inch)
<b>44-2101</b>	TS400/S	400	H	7.5	6.8	6	5.5	4.5	2.3	-	1.25
<b>44-2102</b>	TS800/S	800	H	9.7	9.5	9	9	8	6.6	2	1.25

**APPLICATION :**

Hand-carry submersible automatic water pumps. Able to drain infiltrating water cellars or reservoirs, clean or slightly dirty water and for garden irrigation.  
Class of Protection: IP68.


**TF**
**Submersible Pump For Dirty Water**
**1 Phase**

	Model	Watt	M <sup>3</sup> /H	0.6	1.2	2.4	3.6	5.4	8.4	14.4	Out (Inch)
<b>44-2110</b>	TF1000/S	1000	H	10.8	10.6	10.2	10	9	7.5	3	1.25

**APPLICATION :**

Submersible water pumps with back impeller suitable to lift waste liquids even with suspended solids. Able to drain infiltrating water, cesspools or reservoirs, decanting water and clean, dirty or muddy swimming pools.  
Class of Protection: IP68.


**SXG**
**S.S Submersible Pumps For Dirty Water**
**1 Phase**

	Model	Watt	M <sup>3</sup> /H	1.8	3.6	9	12	15	21	24	Out (Inch)
<b>44-2120</b>	SXG1000	1100	H	7.8	7.5	5.8	4.2	3	-	-	1.5
<b>44-2121</b>	SXG1200	1400	H	10	9.5	8.2	7.8	6.5	4.2	3	2

**APPLICATION :**

Drainage submersible stainless steel water pumps with stainless steel impeller. Able to drain decanting cesspools and to pump waste water for domestic and civil purposes.  
Class of Protection: IP68.


**SDH**
**Submersible Drainage Pump**
**1 Phase**

	Model	H.P	M <sup>3</sup> /H	1.5	3	9	11	15	18	20	Out (Inch)
<b>44-2130</b>	SDH-1000	1	H	14.5	14	11	9.8	7.1	4.6	2.5	2

**APPLICATION :**

Submersible drainage pumps with plunged open impeller with grid. Suitable for clean waters, even with small suspended solids, for drainage of flowing and collection rain waters.  
Class of Protection: IP68.



**SQ**

**Submersible Sewage Pump**

**3 Phase**

	Model	H.P	M <sup>3</sup> /H	6	18	36	50	65	72	96	Out (Inch)
<b>44-2145</b>	SQ50-4	5.5	H	20	17	11	7	3	-	-	3
<b>44-2146</b>	SQ65-5.5	7.5	H	25	21.5	15	11	6	3	-	4
<b>44-2147</b>	SQ85-7.5	10	H	30	28	24	21	17	14	6	4

**APPLICATION :**

Thanks to their important features, SQ pumps are the ideal solution for the carriage of waters coming from cleaners, sewing systems, zootechnic farms, slaughter-houses, foundries and for irrigation in agricultural field. Applicable in fishing industry, paper mills and in civil and industrial plants. The pumps adopt open single-blade impeller which allows free passage of suspended parts and high performance.  
Class of Protection: IP68.



**ECM**

**Submersible Pump With Vortex Impeller**

**1 Phase**

	Model	H.P	M <sup>3</sup> /H	3	6	9	12	15	18	Out (Inch)
<b>44-2150</b>	ECM75-VS	0.75	H	8.5	8	7	5.5	4	3	2

**APPLICATION :**

Submersible drainage pumps with plunged back impeller Vortex type. Suitable in civil and industrial water systems, for cesspool drainage with slightly dirty or foamy liquids, for oily waters cleaned by grid.  
Class of Protection: IP68.



**SEM**

**Submersible Pump With Vortex Impeller**

**1 Phase**

	Model	H.P	M <sup>3</sup> /H	3	6	9	12	15	21	24	Out (Inch)
<b>44-2160</b>	SEM150VS	1.5	H	11	10	9	8	7	6	4	2
<b>44-2161</b>	SEM200VS	2	H	12	11	10	9	8	7	5	2

**APPLICATION :**

Submersible drainage pumps with plunged back impeller Vortex type, which allows free passage of suspended parts. Suitable in civil and industrial water systems, for dirty waters with solid and particularly fibrous particles and for zootechnical waste waters.  
Class of Protection: IP68.



**PRF**

**Submersible Pump With Vortex Impeller**

**3 Phase**

	Model	H.P	M <sup>3</sup> /H	6	12	24	36	42	54	60	Out (Inch)
<b>44-2165</b>	PRF550N-V	5.5	H	24	23	19	16	14	10	8	3

**APPLICATION :**

Submersible drainage pumps with plunged back impeller Vortex type, which allows free passage of suspended parts. Suitable in civil and industrial water systems, for dirty waters with solid and particularly fibrous particles and for zootechnical waste waters.  
Class of Protection: IP68.

# STRONG FORCE

M A C H I N E



## SXG Submersible Pump 1 Phase

Model	Watt	M <sup>3</sup> /H	0.6	1.2	2.4	3.6	7.2	8.4	9.6	Out (Inch)
<b>44-2171</b> SXG600	550	H	7	7	6.5	5.5	3	2	1	1.25

**APPLICATION :**

Hand-carry submersible automatic water pumps in stainless steel. Able to drain infiltrating water, cellars or reservoirs, clean or slightly dirty water and for garden irrigation.  
Class of Protection: IP68.



## SXS S.S Submersible Drainage Pump 1 Phase

Model	H.P	M <sup>3</sup> /H	3.6	5.4	7.2	9	12	18	21	Out (Inch)
<b>44-2181</b> SXS1000-DA	1	H	14	13	12	11	10	5.5	-	1.5
<b>44-2182</b> SXS1500-DA	1.5	H	16	15	14	13	11	7	5	1.5

**APPLICATION :**

Hand-carry submersible automatic water pumps in stainless steel. Able to drain infiltrating water, cellars or reservoirs, clean or slightly dirty water and for garden irrigation.  
Class of Protection: IP68.



## SCM Multi-Stage Submersible Pump For 6" Wells 1 Phase

Model	Watt	M <sup>3</sup> /H	0.3	0.6	0.9	1.2	2.7	3.6	5.1	Out (Inch)
<b>44-2190</b> SCM4-F	1100	H	47	46	45	43	37	31	18	1.25
<b>44-2191</b> SCM5-F	1400	H	58	57	56	55	45	38	23	1.25
<b>44-2192</b> SCM6-F	1600	H	70	69	68	67	55	49	31	1.25
<b>44-2193</b> SCM7-F	1850	H	84	83	80	77	67	55	35	1.25

**APPLICATION :**

Centrifugal submersible multistage water pumps for clean water drainage. They are rust-resistant thanks to their pump body and motor in stainless steel.  
Class of Protection: IP68.



**CMA** Gasoline Water Pump **4 STROKE**

Model	H.P	Max Flow (M <sup>3</sup> /H)	Max Head (M)	R.P.M	Connector (Inch)	Tank (Lt)	Weight (Kg)
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<b>44-2205</b>	CMA50	6.5	30	29	3600	2	3.6	26.3
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**APPLICATION :**  
Self-priming hand-carry motor pump. Particularly suitable to supply and distribute clean water for agricultural and gardening purposes, when an electrical connection is not possible.



**CMA** Gasoline Water Pump **4 STROKE**

Model	H.P	Max Flow (M <sup>3</sup> /H)	Max Head (M)	R.P.M	Connector (Inch)	Tank (Lt)	Weight (Kg)
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<b>44-2207</b>	CMA80	6.5	50	29	3600	3	3.6	29.2
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**APPLICATION :**  
Self-priming hand-carry motor pump. Particularly suitable to supply and distribute clean water for agricultural and gardening purposes, when an electrical connection is not possible.





**SWIMM** Self-Priming Jet Water Pump **1 Phase**

Model	H.P	M <sup>3</sup> /H	1.5	3	6	15	21	24	27	In/Out (Inch)
<b>44-2353</b> SWIMM1000	1	H	17	17	16	10	3	-	-	1.5
<b>44-2354</b> SWIMM1500	1.5	H	18	18	17	13	9	6	3	2
<b>44-2355</b> SWIMM2000	2	H	20	19	18	15.7	12	10	8	2

**APPLICATION :**

Self-priming jet water pumps with a very high hydraulic performance and a considerable capacity. Able to pump up to mt. 8 depth and work perfectly even in soda-water. Suitable for water lifting and distribution in purification systems for swimming pools.  
Motor protection rating: IPX5.



**SWIMM** Self-Priming Jet Water Pump **3 Phase**

Model	H.P	M <sup>3</sup> /H	1.5	3	6	15	21	24	27	In/Out (Inch)
<b>44-2356</b> SWIMM3000T	3	H	22.4	22.2	22	20	17	15	13	2

**APPLICATION :**

Self-priming jet water pumps with a very high hydraulic performance and a considerable capacity. Able to pump up to mt. 8 depth and work perfectly even in soda-water. Suitable for water lifting and distribution in purification systems for swimming pools.  
Motor protection rating: IPX5.



**2CM** Pressure System With 2 Twin Impeller Centrifugal Pumps **3 Phase**

Model	H.P	M <sup>3</sup> /H	4	6	10	12	18	20	24	In/Out (Inch)
<b>44-2423</b> 2x2C32/190B	4+4	H	75	72	70	68	60	55	48	2/1.5

**APPLICATION :**

For water supply from wells and to increase pressure from a water system.



**VS** Pressure System With 2 Multi-Stage S.S Vertical Pumps **3 Phase**

Model	H.P	M <sup>3</sup> /H	6	8	12	16	18	21	24	In/Out (Inch)
<b>44-2445</b> 2*VS8-10	5.5+5.5	H	105	100	97	90	85	75	62	2.5
<b>44-2446</b> 2*VS8-15	7.5+7.5	H	152	148	142	135	126	115	100	2.5

**APPLICATION :**

For water supply from wells and to increase pressure from a water system.



**SCR** **Circulator Pump U-55** **1x230V.50HZ**

	Speed	R/M	Current (A)	Power (W)	PumpThread (Inch)	Union Size (Inch)
<b>44-2910</b>		2250	0.35	80	1.5	1.5/1
		1700	0.27	62	-	-
		1150	0.17	39	-	-



**SCR** **Circulator Pump U-65** **1x230V.50HZ**

	Speed	R/M	Current (A)	Power (W)	PumpThread (Inch)	Union Size (Inch)
<b>44-2911</b>		2400	0.72	166	2	2/1.25
		2250	0.67	154	-	-
		1600	0.58	133	-	-



**SCR** **Circulator Pump U-75** **1x230V.50HZ**

	Speed	R/M	Current (A)	Power (W)	PumpThread (Inch)	Union Size (Inch)
<b>44-2912</b>		2600	0.75	170	2	2/1.25
		2300	0.69	159	-	-
		1400	0.53	122	-	-

**APPLICATION :**

Single phase circulators perfect for single or collective plants of residences, sporting building, hospitals, greenhouses, etc.

Particularly suitable for heating and conditioning plants, for water circulation in heating system and sanitary warm water system.

Class of Protection: IP44

Liquid temperature range: Up to +110°C



**Pump Flange**



	Size (Inch)
<b>44-2097</b>	2

**APPLICATION :**

A flange is a method of connecting pipes, valves, pumps and other equipment to form a piping system. It also provides easy access for cleaning, inspection or modification. Flanges are usually welded or screwed. Flanged joints are made by bolting together two flanges with a gasket between them to provide a seal.



**IDRO** Membrane Pressure Tank **1 Phase**

	Max Pressure (Bar)	Capacity(Lt)	Size (Inch)
<b>44-2810</b>	8	24	1



**EXTRA VAREM** Membrane Pressure Tank **1 Phase**

	Max Pressure (Bar)	Capacity(Lt)	Size (Inch)
<b>44-2813</b>	5	40	0.75



**MAXI VAREM** Membrane Pressure Tank **1 Phase**

	Max Pressure (Bar)	Capacity(Lt)	Size (Inch)
<b>44-2814</b>	6	60	1



**IDRO** Membrane Pressure Tank **1 Phase**

	Max Pressure (Bar)	Capacity(Lt)	Size (Inch)
<b>44-2815</b>	8	22	1

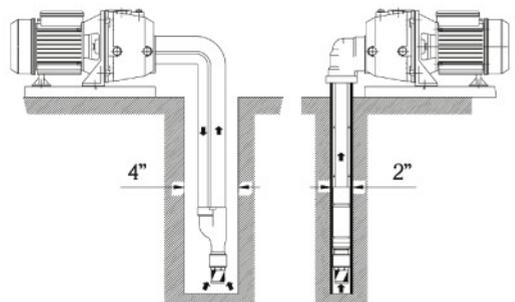
**Set Ejector**



	Size (Inch)
<b>44-2096</b>	2

**APPLICATION :**

The separate ejector pump is basically a centrifuge with the possibility of becoming a self-priming jet pump with deep suction by putting the ejector in the well onto the end of the suction pipe. Recirculation of water passing through the Venturi attracts water from below and pushes it through the return (suction) pipe creating enough pressure to take it up to the surface. For these deep suction applications two pipes need to be connected: the delivery pipe to the ejector and the return (suction) outlet, in this case the diameter of the well must be at least 4". If the pump has to go in a 2" well, a special ejector with an airtight lock on the well, is necessary. It works with just the return (suction) pipe by exploiting the space remaining between itself and the 2" well as a second recirculation pipe.





**KPF** Peripheral Pumps **1 Phase**

	Model	H.P	M <sup>3</sup> /H	0	0.3	0.6	0.9	1.2	1.8	2.4	In/Out (Inch)
<b>44-2501</b>	KPF30/16M	0.5	H	32.5	31	25	22	17.5	10	-	1
<b>44-2503</b>	KPF45/20M	1.34	H	84	76	68	62	56	38	24	1

**APPLICATION :**

Peripheral centrifugal pump with compact dimensions. Capable of generating high heads and suitable for domestic installations, water supply systems, small gardening applications, draining and filling cisterns, and for light industrial uses, such as feeding pressurized boilers (anti-condensation).



**KPS** Peripheral Pumps **1 Phase**

	Model	H.P	M <sup>3</sup> /H	0	0.3	0.6	0.9	1.2	1.8	2.4	In/Out (Inch)
<b>44-2502</b>	KPS38/18M	0.8	H	54	50	46	41	36	27.5	17.5	1

**APPLICATION :**

Peripheral centrifugal pump with compact dimensions. Capable of generating high heads and suitable for domestic installations, water supply systems, small gardening applications, draining and filling cisterns, and for light industrial uses, such as feeding pressurized boilers (anti-condensation).



**K** Single Impeller Centrifugal Pumps **1 Phase**

	Model	H.P	M <sup>3</sup> /H	1.8	3.6	6	11	15	24	36	In/Out (Inch)
<b>44-2510</b>	K20/41M	0.5	H	20.3	16.9	8.3	-	-	-	-	1
<b>44-2513</b>	K30/70M	1	H	29.5	27	19.8	-	-	-	-	1
<b>44-2515</b>	K30/100M	1.5	H	29	28.8	26.8	18	-	-	-	1.5/1
<b>44-2516</b>	K14/400M	2.5	H	-	-	-	19	18.5	16.3	10	2
<b>44-2517</b>	K36/100M	2.5	H	34.9	34.6	33	-	-	-	-	1.5/1

**APPLICATION :**

Single-impeller centrifugal pump suitable for domestic, civil, industrial and agricultural systems, and for decanting, mixing and irrigation uses, Pump body and motor support in cast iron. Techno polymer impeller, carbon/ceramic mechanical seal. Class of Protection: IP44. Liquid temperature range: From -10°C to +50°C.


**JET**
**Self-Priming Centrifugal Pumps**
**1 Phase**

Model	H.P	M <sup>3</sup> /H	0	0.6	1.2	1.8	2.4	3	3.6	In/Out (Inch)
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<b>44-2523</b>	JET102M	1	H	53.8	47	41	36.3	32.4	28.8	25.8	1
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**APPLICATION :**

Self-priming centrifugal pump with excellent suction capacity even in the presence of air bubbles. Suitable for pumping water with low levels of sandy impurities.

Especially used in domestic water supply installations. Suitable for small farms and gardening, small scale industrial services and where self-priming is necessary.


**K**
**Twin Impeller Centrifugal Pumps**
**1 Phase**

Model	H.P	M <sup>3</sup> /H	0	1.2	1.8	2.4	3.6	4.8	6	In/Out (Inch)
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<b>44-2535</b>	K45/50M	1.5	H	51	49	47.5	46	42	37	30	1.25/1
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<b>44-2536</b>	K55/50M	2.5	H	62	60	58	57	52	45	34	2/1.5
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**APPLICATION :**

Twin-impeller centrifugal pump designed for the realization of pressurization units in water systems and filling of pressure vessels. Suitable for sprinkler systems and other general water supply uses.


**K**
**Monoblock Centrifugal Pumps**
**3 Phase**

Model	H.P	M <sup>3</sup> /H	0	12	24	30	36	60	72	In/Out (Inch)
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<b>44-2544</b>	K11/500T	3	H	24.5	22.5	16.5	11.5	6.5	-	-	2.5/2
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<b>44-2545</b>	K18/500T	4	H	31	30.7	28	24	17.9	-	-	2.5/2
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<b>44-2546</b>	K28/500T	5	H	35	34.5	29.3	25.2	20	-	-	2.5/2
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<b>44-2547</b>	K40/400T	7.5	H	50.5	49	37	24	-	-	-	2.5/2
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<b>44-2548</b>	K50/400T	10	H	62	61	54.5	46	-	-	-	2.5/2
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<b>44-2549</b>	K40/800T	12.5	H	51.5	-	50	48	47	32.5	21	3/2.5
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<b>44-25491</b>	K50/800T	15	H	58	-	56.5	55	53.5	41	31	3/2.5
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**APPLICATION :**

Single-impeller centrifugal pump suitable for domestic, civil, industrial and agricultural systems, and for Firefighting, decanting, mixing and irrigation uses, Pump body and motor support in cast iron. Technopolymer impeller.

Class of Protection: IP44.

Liquid temperature range: From -15°C to +110°C.


**INOX**
**Self-Priming Horizontal Multi-Stage Pumps**
**1 Phase**

Model	H.P	M <sup>3</sup> /H	0.6	1.2	2.4	3.6	4.2	4.8	5.4	In/Out (Inch)
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<b>44-2554</b>	Multi-Ionx4M	1	H	45	43	38	28	22	16	9	1
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**APPLICATION :**

Multi-stage, self-priming centrifugal pump with horizontal shaft, with excellent suction capacity even in the presence of air bubbles, featuring extremely quiet operation suitable for domestic water supply and pressurization, irrigation of gardens and general water movement. Pump sleeve in stainless steel. Pressure and suction body and motor support in techno polymer. Impeller in AISI 304 stainless steel, diffuser bodies and diffuser in techno polymer. Carbon/ceramic mechanical seal. Rotor shaft in AISI 304 stainless steel.



**EURO SWIM** Swimming Pool Centrifugal Pumps **1 Phase**

Model	H.P	M <sup>3</sup> /H	3	6	9	12	18	24	30	In/Out (Inch)
<b>44-2570</b> Euroswim 50M	0.5	H	11.7	11.2	10.5	9.3	5.3	-	-	2
<b>44-2573</b> Euroswim 100M	1	H	15.4	15	14.2	13.1	10	5.6	-	2
<b>44-2574</b> Euroswim 150M	1.5	H	15.9	15.4	14.9	14.2	12.4	9.3	5.3	2
<b>44-2576</b> Euroswim 200M	2	H	18.6	18.2	17.1	16.5	15	12.8	9	2
<b>44-2578</b> Euroswim 300M	3	H	21.9	21.7	21.3	20.8	19.6	18.1	15.9	2

**APPLICATION :**

High performance self-priming centrifugal pumps with built-in high capacity prefilter. Motor completely isolated from the water. Extremely quiet and highly reliable, developed for water circulation and filtration in domestic and residential swimming pools. Also suitable for specific applications requiring handling of aggressive liquids in the fishing, agricultural, and industrial sectors.

Motor and terminal box protection rating: IPX5

Liquid temperature range: up to 60°C



**EURO SWIM** Swimming Pool Centrifugal Pumps **3 Phase**

Model	H.P	M <sup>3</sup> /H	3	12	18	24	30	36	42	In/Out (Inch)
<b>44-2575</b> Euroswim 150T	1.5	H	15.9	14.2	12.4	9.3	5.3	-	-	2
<b>44-2577</b> Euroswim 200T	2	H	18.6	16.5	15	12.8	9	4	-	2
<b>44-2579</b> Euroswim 300T	3	H	21.9	20.8	19.6	18.1	15.9	12.5	8.6	2

**APPLICATION :**

High performance self-priming centrifugal pumps with built-in high capacity prefilter. Motor completely isolated from the water. Extremely quiet and highly reliable, developed for water circulation and filtration in domestic and residential swimming pools. Also suitable for specific applications requiring handling of aggressive liquids in the fishing, agricultural, and industrial sectors.

Motor and terminal box protection rating: IPX5

Liquid temperature range: up to 60°C



## K-HA Centrifugal Pressure Boosting Pumps 1 Phase

	Model	H.P	M <sup>3</sup> /H	Max. flow rate m <sup>3</sup> /hr	Max.Head (m)	Hose diameter (mm)
<b>44-2590</b>	K30/12HA	0.16	H	2.4	12	16
<b>44-2592</b>	K40/19HA	0.34	H	3.6	18	16
<b>44-2593</b>	K40/22HA	0.5	H	4.2	22	16

### APPLICATION :

The **K-HA** single impeller centrifugal pump is designed for boosting water pressures in houses and apartments (domestic properties), in order to provide additional pressure to hot and cold water taps and similar outlet points. It is mainly intended for use in open vented systems(tanks), but may also be installed directly on the incoming water main supply feeding a boiler, subject to the approval of the local Water Authority. The pump incorporates a flow switch that starts and stops the pump in line with the flow, when a tap is opened or closed.  
Liquid temperature range: From 0°C to 100°C



## GENIX Automatic Lifting Station 1 Phase

	Model	H.P	M <sup>3</sup> /H	0	0.9	1.8	3	4.2	5.4	Inlets
<b>44-2599</b>	Genix 130	0.44	H	8	7.5	6.8	5.2	3.5	1	2(side)+1(up)

### APPLICATION :

GENIX is the DAB automatic lifting stations range, designed to provide the maximum level of efficiency in the 3 main moments of its lifecycle. **Quick installation, comfort** in utilization and **simplified maintenance** make GENIX the new benchmark in the **setup of a bathroom or a kitchen... where you never thought it was possible.**  
GENIX is indispensable when the wastewater coming from WC, showers, washbasins, bidet or domestic appliances cannot be expelled by gravity.  
These lifting stations can be installed wherever there is the wish to add a toilet or a sink during new installations, renovations or new constructions, without the need for invasive structural interventions.



# e.sybox

ELECTRONIC PRESSURISATION SYSTEM





## Electronic Pressurisation System 1 Phase

Model	H.P	M <sup>3</sup> /H	0.6	1.2	1.8	2.4	3	3.6	4.8	In/Out (Inch)
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<b>44-2581</b>	E.sybox Mini 3	1.1	H	55	55	49	39	31	23	4	1
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**APPLICATION :**

**ESYBOX MINI 3** uses the most advanced DAB technologies to create constant pressure according to the system demands and thus an optimization of energy consumption. Suitable for use with potable water, in domestic systems and gardening applications. The new 3-rotor model ensures further noise reduction and energy consumption. Managing the water pressure in your home has never been so simple and quiet. **ESYBOX MINI 3** does not require any additional components for its installation. Motor protection rating: IPX4  
Liquid temperature range: up to 40°C

APPLICATIONS



Apartments up to 3 floors, 2 bathrooms and 50m2 of garden.



CERTIFICATIONS



SUITABLE FOR PUMPING WATER FROM:



WELLS DOWN TO 8 M DEEP



RAINWATER COLLECTION TANKS



TANKS



AQUEDUCT

\* where permitted by law



## Electronic Pressurisation System 1 Phase

Model	H.P	M <sup>3</sup> /H	0.6	1.8	3	4.2	5.4	6.6	7.2	In/Out (Inch)
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<b>44-2583</b>	E.sybox	2.1	H	63.5	59.5	53	41.5	27.5	10	2	1
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**APPLICATION :**

**ESYBOX** is a patented booster system, unique in its category, with high performances, efficient, compact, easy and satisfying in the use both for the installer and the final user. When Eesybox mini is the solution for water boosting in small dwellings, **ESYBOX** offers the same advantages in collective residential applications, such as villas or condos. Wireless technology allows to set up booster sets up to 4 pumps. Motor protection rating: IPX4  
Liquid temperature range: up to 40°C

APPLICATIONS



e.sybox

Houses and small apartment complexes up to 6 floors and a maximum of 9 apartments.



e.sytwin

Small and large apartment complexes up to 9 floors and a maximum of 17 apartments.

CERTIFICATIONS



SUITABLE FOR PUMPING WATER FROM:



WELLS DOWN TO 8 M DEEP



RAINWATER COLLECTION TANKS



TANKS



AQUEDUCT

\* where permitted by law



## NOVA Submersible Pumps For Drainage Water 1 Phase

Model	H.P	M <sup>3</sup> /H	0	3	6	9	12	13	14	Out (Inch)
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<b>44-2601</b>	NOVA300 MA40th	0.3	H	7.2	5.8	4.6	3.4	2.2	1.7	-	1.25
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### APPLICATION :

The **NOVA** submersible pump with open impeller is suited to all **clean and waste water with solids measuring up to 10 mm**. It can be used to empty tanks, vats or cisterns, drain flooded basements, cellars and garages, and prevent flooding when installed in rainwater wells. It can also be used as a portable pump in emergencies to drain water out of flooded rooms.

Class of Protection: IP68.



## NOVA Submersible Pumps For Drainage Water 1 Phase

Model	H.P	M <sup>3</sup> /H	0	3	6	9	12	13	14	Out (Inch)
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<b>44-2602</b>	NOVA600 MA40th	0.67	H	10.4	9	7.8	6.7	5.3	4.4	3.8	1.25
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### APPLICATION :

The **NOVA** submersible pump with open impeller is suited to all **clean and waste water with solids measuring up to 10 mm**. It can be used to empty tanks, vats or cisterns, drain flooded basements, cellars and garages, and prevent flooding when installed in rainwater wells. It can also be used as a portable pump in emergencies to drain water out of flooded rooms.

Class of Protection: IP68.



## VERTY NOVA Intergrated Float Switch Submersible Drainage Pumps 1 Phase

Model	H.P	M <sup>3</sup> /H	1	3	4.5	5	7	9	10	Out (Inch)
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<b>44-2605</b>	VERTY NOVA 200M	0.28	H	6.5	5.8	4.5	4	1.8	-	-	1.25
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<b>44-2606</b>	VERTY NOVA 400M	0.55	H	8.8	8.1	7.8	7	6	4.2	3.5	1.25
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### APPLICATION :

Submersible pumps specifically designed for uses in narrow pits with dimensions down to (20\*20 cm). Suitable to pump clear water containing particles with maximum diameter up to 5 mm.

It may also be used as a portable pump for emergencies such as lifting water from tanks or rivers, emptying swimming pools, fountains, excavations and underpasses. It is also ideal for gardening, and hobby applications in general.

Pump with built-in float switch

Minimum suction level up to 2/3 mm.



## FEKA Submersible Pumps For Effluent Water 1 Phase

Model	H.P	M <sup>3</sup> /H	0	3	6	8	10	12	15	Out (Inch)
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<b>44-2610</b>	FEKA600 MA40th	0.67	H	8.9	8.2	7.2	6.5	5.5	4.7	2.9	1.25
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### APPLICATION :

The **FEKA** submersible pump with back flowing impeller is suited to all **clean and waste water loaded with solids measuring up to 25 mm**. It can be used to empty tanks, vats or cisterns, drain flooded basements, cellars and garages, and prevent flooding when installed in rainwater wells. It can also be used as a portable pump in emergencies to drain water out of flooded rooms where there is mud or detritus.

Class of Protection: IP68.

# VERTYNOVA

SUBMERSIBLE PUMPS





## FXV Submersible Pumps For Sewage 1 Phase

Model	H.P	M <sup>3</sup> /H	0	6	12	18	24	30	36	Out (Inch)
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<b>44-2615</b>	FEKA FXV 20.15MA	2.3	H	16.2	15.6	14.4	12.6	10.4	7.7	4.7	2
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### APPLICATION :

**Feka FXV** by DAB is a submersible pump for **draining sewage** in commercial building service. Suitable for fixed installations with coupling device or mobile if placed directly on the bottom of the tank. High efficiency super Vortex impeller with full solid handle passage (the space between impeller and the shaving ring and the diameter of the free passage are the same). Feka FXV is capable of delivering high flow rates. It is ideal for replacements thanks to the dimensions and the flanged and threaded output. Fast maintenance thanks to a constructive solution that provides easy access to the main components of the pump. Class of Protection: IP68.



## FXC Submersible Pumps For Effluent 1 Phase

Model	H.P	M <sup>3</sup> /H	7	14	22	29	36	43	50	Out (Inch)
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<b>44-2616</b>	FEKA FXC 20.15MA	2	H	13.5	11.8	10.2	8.7	7.1	5.7	4.2	2
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### APPLICATION :

**Feka FXC** by DAB is a submersible pump for **lifting and transferring effluent** water in commercial building service. Channel impeller with a 50 mm free passage equipped with an anti-lock system. Feka FXC is suitable for managing effluent water without the presence of long fibers, rainwater and ground water. Ideal for draining rooms subject to flooding when high flow rates are required. The pump is ideal for replacements thanks to its reduced dimensions and thanks to the outlet port both flanged and threaded. Easy access to the main components of the pump. Class of Protection: IP68.



## FEKA VS Submersible Pumps For Sewage 1 Phase

Model	H.P	M <sup>3</sup> /H	3	6	9	12	18	24	30	Out (Inch)
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<b>44-2621</b>	FEKA VS 550 MA	0.75	H	6.9	6.2	5.6	4.1	1.8	-	-	2
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<b>44-2622</b>	FEKA VS 1000 MA	1.36	H	11.3	10.5	9.8	9	6.8	4.1	-	2
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<b>44-2624</b>	FEKA VS 1200 MA	1.6	H	13.4	12.8	12	11.2	9	6.7	4	2
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### APPLICATION :

**Feka VS** is DAB submersible pump made entirely in stainless steel, ideal for lifting sewage water in residential building service and commercial building service. Micro cast stainless steel vortex impeller or techno polymer impeller in back-flowing position to prevents pump clogging, it can handle solid matter up to 50 mm. Class of Protection: IP68.



## GRINDER FX Submersible Sewage Pumps With Cutting System 1 Phase

Model	H.P	M <sup>3</sup> /H	2.4	4.8	7.2	9.6	12	16.8	19.2	Out (Inch)
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<b>44-2632</b>	Grinder FX 15.11 MA	1.5	H	22.6	20.5	18.3	15.9	13.2	6.3	1.8	1.5
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<b>44-2633</b>	Grinder FX 15.15 MA	2.1	H	25.2	23.3	21.4	19.5	17.3	11.9	8.5	1.5
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### APPLICATION :

**Grinder FX** is a submersible pump with **shredder** designed for the drainage of waste water coming from drains in civil and commercial environments. Pump suitable for fixed installations with a coupling device or mobile if placed on a base directly on the bottom of the tank. Thanks to the high-strength grinder, the pump is suitable for installations with small-diameter pipes or those requiring high pressures. The pump is designed for quick maintenance thanks to a constructive solution that provides easy access to the main components of the pump. Pump body and impeller in cast iron, shredder in AISI 630. Motor shaft in AISI 304 stainless steel. Class of Protection: IP68.



**GRINDER FX** Submersible Sewage Pumps With Cutting System **3 Phase**

Model	H.P	M <sup>3</sup> /H	2.4	4.8	7.2	9.6	12	16.8	19.2	Out (Inch)
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<b>44-2634</b>	Grinder FX 15.22 TNA	2.8	H	30.5	28.5	26.5	24.4	22.3	17.2	14	1.5
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**APPLICATION :**

**Grinder FX** is a submersible pump with **shredder** designed for the drainage of waste water coming from drains in civil and commercial environments. Pump suitable for fixed installations with a coupling device or mobile if placed on a base directly on the bottom of the tank. Thanks to the high-strength grinder, the pump is suitable for installations with small-diameter pipes or those requiring high pressures. The pump is designed for quick maintenance thanks to a constructive solution that provides easy access to the main components of the pump.

Pump body and impeller in cast iron, shredder in AISI 630. Motor shaft in AISI 304 stainless steel. Class of Protection: IP68.



**DRENAG FX** Submersible Drainage Pumps For Dirty & Sandy Water **1 Phase**

Model	H.P	M <sup>3</sup> /H	3	6	9	15	21	27	30	Out (Inch)
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<b>44-2642</b>	Drainage FX 15.11 MA	1.6	H	21.5	19.3	16.7	10.6	3.8	-	-	1.5
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<b>44-2643</b>	Drainage FX 15.15 MA	2.4	H	24.9	23.1	21.1	16.6	11.8	7.4	-	1.5
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**APPLICATION :**

**Drenag FX** is a submersible pump for the drainage water, groundwater or rainwater in commercial building service; The pump is suitable for applications with high prevalence. Suitable for fixed installations with a coupling device or mobile if placed directly on the bottom of the tank. It is designed for quick maintenance thanks to a constructive solution that provides easy access to the main components of the pump.

Pump body and impeller in spheroidal cast iron. Motor shaft in AISI 304 stainless steel. Class of Protection: IP68.



**DRENAG FX** Submersible Drainage Pumps For Dirty & Sandy Water **3 Phase**

Model	H.P	M <sup>3</sup> /H	3	6	9	15	21	27	30	Out (Inch)
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<b>44-2644</b>	Drainage FX 15.22 TNA	3.1	H	30	28.2	26.3	22.1	17.4	12	9	1.5
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**APPLICATION :**

**Drenag FX** is a submersible pump for the drainage water, groundwater or rainwater in commercial building service; The pump is suitable for applications with high prevalence. Suitable for fixed installations with a coupling device or mobile if placed directly on the bottom of the tank. It is designed for quick maintenance thanks to a constructive solution that provides easy access to the main components of the pump.

Pump body and impeller in spheroidal cast iron. Motor shaft in AISI 304 stainless steel. Class of Protection: IP68.



**DIVER** 6" Multi-Impeller Submersible Pumps **1 Phase**

Model	H.P	M <sup>3</sup> /H	0.6	1.8	2.7	3.6	4.5	5.1	5.4	Out (Inch)
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<b>44-2651</b>	Diver 6-700MA	0.88	H	35	28.5	23.6	17	9.5	4.6	1.8	1
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<b>44-2652</b>	Diver 6-800MA	1	H	45	35.5	29.2	21.8	13.5	7.8	3.5	1
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**APPLICATION :**

Multi-impeller submersible pumps ideal for use in rain water systems and watering networks, to pump water from cisterns, ponds, and wells, and for other applications requiring high pressure. Available with 2, 3, or 4 impellers.

Suitable for pumping clean waters.

Very efficient motor cooling, allowing the pump to also be used only partially submerged. Automatic version with float switch for automatic pump start and stop.



## IDEA 4" Peripheral Submersible Pumps 1 Phase

Model	H.P	M <sup>3</sup> /H	0.4	0.6	1.2	1.5	1.8	2.1	2.4	Out (Inch)
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<b>44-2662</b>	IDEA150M	1.5	H	90	81	60	48	35	22	10	1
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**APPLICATION :**

Double-impeller peripheral submersible pump for 4" wells, capable of providing high heads in limited power conditions. Suitable for water lifting and distribution applications in domestic systems, small agricultural concerns, pressurization of pressure vessels and DIY uses, Pump body and motor support in cast iron.

Brass impeller. Rotor shaft extension and strainer in stainless steel.

Class of Protection: IP68.



## S4 AMEIRA 4" Submersible Pumps 1 Phase

Model	H.P	M <sup>3</sup> /H	0.6	0.9	1.5	1.8	2.4	3	5.4	Out (Inch)
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<b>44-2683</b>	S4B-24M	1.5	H	144	130	109	92	48	30	-	1.25
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<b>44-2684</b>	S4 2/28	2	H	180	171	151	140	112	73	-	1.25
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<b>44-2687</b>	S4 2/40	3	H	255	245	216	200	160	104	-	1.25
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## 3 Phase

<b>44-2688</b>	S4 2/52	4	H	331	319	281	260	208	135	-	1.25
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<b>44-2689</b>	S4 4/62	7.5	H	-	-	-	386	365	338	172	1.25
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**APPLICATION :**

Submersible 4" multi-impeller borehole pumps for clean water, designed for water boosting, gardening and irrigation, lifting water from boreholes in domestic and residential, civil and commercial applications and irrigation systems also for agriculture. The S4 pumps must be installed in wells with a diameter of at least 4", or in tanks or cisterns and it increases the pressure of water that can then be used for example to water medium or large gardens or (in the case of models with a greater flow and head) in irrigation systems in agriculture. These are sand-resistant pumps with a high performance.

Technopolymer impellers, pump body in pressed AISI 304 stainless steel.



## 6GF 6" Submersible Motors (TESLA) 3 Phase

Model	H.P	Power (KW)	RPM	Efficiency (%)
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<b>44-2702</b>	Motor 6 GF HP15T	15	11	2840	79
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<b>44-2704</b>	Motor 6 GF HP20T	20	15	2840	83
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<b>44-2706</b>	Motor 6 GF HP25T	25	18.5	2845	83
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<b>44-2707</b>	Motor 6 GF HP30T	30	22	2825	83
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<b>44-2708</b>	Motor 6 GF HP35T	35	26	2830	84
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<b>44-2709</b>	Motor 6 GF HP40T	40	30	2830	85
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<b>44-2710</b>	Motor 6 GF HP50T	50	37	2830	82
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**APPLICATION :**

6" submersible asynchronous two-pole electric motor made entirely of AISI 304 stainless steel and cast iron protected with an electrophoresis paint coating for the parts in contact with water.

Designed for pressure boosting, gardening and irrigation, drawing water from subsoil in civil and commercial applications and for using water in irrigation systems also in agriculture.

Class of Protection: IP68.

Max operating depth: 300m.



**SS6C**      **6" Submersible Pumps - Hydraulic Part**      **3 Phase**

Model	H.P	M <sup>3</sup> /H	6	10	14	18	22	30	38	Out (Inch)
<b>44-2712</b> SS6 C13 Hydraulic Part	15	H	149	144	138	131	121	97	65	3
<b>44-2714</b> SS6 C17 Hydraulic Part	20	H	195	189	181	171	159	127	85	3
<b>44-2716</b> SS6 C21 Hydraulic Part	25	H	240	233	223	211	196	157	105	3
<b>44-2718</b> SS6 C23 Hydraulic Part	30	H	263	255	244	231	214	172	115	3

**APPLICATION :**

Multistage semiaxial submersible electric pumps for wells measuring 6" or above, able to generate a broad range of flow rates. These units are used extensively for lifting, distribution, and pressurisation in civil and industrial water systems, filling of booster pumps and tanks, fire-fighting systems and washing of irrigation systems. Application with clean, non-aggressive water free from solids or abrasive substances.

Pump body and impellers in pressed AISI 304 stainless steel.



**SS6E**      **6" Submersible Pumps - Hydraulic Part**      **3 Phase**

Model	H.P	M <sup>3</sup> /H	20	40	45	50	60	65	75	Out (Inch)
<b>44-2734</b> SS6 E06 Hydraulic Part	15	H	77	62	59	57	50	46	34	4
<b>44-2735</b> SS6 E08 Hydraulic Part	20	H	103	83	79	75	67	61	45	4
<b>44-2736</b> SS6 E10 Hydraulic Part	25	H	128	104	99	94	84	77	56	4
<b>44-2738</b> SS6 E12 Hydraulic Part	30	H	154	125	119	113	100	92	68	4
<b>44-2739</b> SS6 E14 Hydraulic Part	35	H	180	146	139	132	117	108	79	4
<b>44-2740</b> SS6 E17 Hydraulic Part	40	H	218	177	169	160	142	131	96	4
<b>44-2741</b> SS6 E21 Hydraulic Part	50	H	269	219	208	198	176	161	119	4

**APPLICATION :**

Multistage semiaxial submersible electric pumps for wells measuring 6" or above, able to generate a broad range of flow rates. These units are used extensively for lifting, distribution, and pressurisation in civil and industrial water systems, filling of booster pumps and tanks, fire-fighting systems and washing of irrigation systems. Application with clean, non-aggressive water free from solids or abrasive substances.

Pump body and impellers in pressed AISI 304 stainless steel.



**EVOSTA2 SOL**

**Wet Rotor Electronic Circulators**

**1 Phase**

Model	Watt	M <sup>3</sup> /H	0	0.5	1	1.5	2	2.5	3.5	In/Out (Inch)
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<b>44-26904</b>	EVOSTA2 30-145/180 SOL	59	H	14.3	10.2	8.2	6.2	5	3.8	1.2	1.5/1
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**APPLICATION :**

Wet rotor electronic circulator designed for the circulation of water in domestic and residential thermal solar collector heating systems. It is equipped with a permanent magnet synchronous motor and electronics with variable frequency drive that automatically adapts the performance to the actual requirements of the system, to save energy and protect against water hammer action. Designed to ensure simple configuration: a sequential key can be used to scroll between the operating modes. All the models have a brass air vent plug and enable manual release of the motor shaft. Threaded suction and delivery ports. Techno polymer impeller. Cataphoretically-coated cast iron pump body, stainless steel motor casing. IPX5 protection.

Class of Protection: IPX4.

Liquid temperature range: From -10°C to +110°C.

**VA**

**Wet Rotor Circulators, Single Impeller With Unions**

**1 Phase**



Model	Watt	M <sup>3</sup> /H	0	0.6	1.2	1.8	2.4	3	4.2	In/Out (Inch)
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<b>44-2691</b>	VA55/130	70	H	5.4	4.7	4.5	3.3	2.6	1.75	0.85	1.5/1
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<b>44-2692</b>	VA65/180	78	H	6.3	5.8	5.3	4.3	3.4	2.4	-	1.5/1
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**APPLICATION :**

Pump for hot water circulation in domestic central heating and air conditioning systems of the closed circuit pressurized type or open circuit type.

Class of Protection: IP44.

Liquid temperature range: From -10°C to +110°C.

**A**

**Wet Rotor Circulators, Single Impeller With Unions**

**1 Phase**



Model	Watt	M <sup>3</sup> /H	0.6	1.2	1.8	2.4	3	4.2	7.2	In/Out (Inch)
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<b>44-2693</b>	A 80/180 XM	260	H	8	7.6	7.4	7.2	6.9	6.3	3.8	2/1.25
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**APPLICATION :**

Pump for hot or cold water circulation in small community central heating and air conditioning systems for both civil and industrial applications, of the closed circuit pressurized or open circuit type. Pump body in cast iron and motor in die cast aluminum. Impeller in technopolymer, motor shaft in hardened stainless steel held in graphite bearings lubricated by the pumping medium. Pump body with threaded ports.

Class of Protection: IP44.

Liquid temperature range: From -10°C to +110°C.

# CIRCULATI



## A Wet Rotor Circulators, Single Impeller With Unions 1 Phase

Model	Watt	M <sup>3</sup> /H	0.6	1.2	2.4	3	4.2	7.2	12	In/Out (Inch)
<b>44-2694</b> A110/180XM	410	H	11	10.8	10.8	9.8	9.2	7	1.7	2/1.25

### APPLICATION :

Pump for hot or cold water circulation in small community central heating and air conditioning systems for both civil and industrial applications, of the closed circuit pressurized or open circuit type. Pump body in cast iron and motor in die cast aluminum. Impeller in technopolymer, motor shaft in hardened stainless steel held in graphite bearings lubricated by the pumping medium. Pump body with threaded ports.

Class of Protection: IP44.

Liquid temperature range: From -10°C to +110°C.



## BPH Wet Rotor Circulators, Single Impeller With Flanges 3 Phase

Model	Watt	M <sup>3</sup> /H	0	2.4	5.4	9.6	14.4	24	30	In/Out (Inch)
<b>44-2695</b> BPH 120/250.40T	536	H	12	11	9.5	6.8	2.2	-	-	1.5
<b>44-2696</b> BPH 120/280.50T	898	H	11.7	-	11	10.25	8.9	5.4	2.6	2
<b>44-2697</b> BPH 150/280.50T	1470	H	15	-	14.4	13.6	11.8	7.5	-	2

### APPLICATION :

Wet rotor circulators, designed for the circulation of water in civil and commercial conditioning and heating systems. The BPH (two pole motor) circulator motor shaft can be manually deblock. Flanged suction and delivery ports. All the models have an air vent plug.

Class of Protection: IP44.

Liquid temperature range: From -10°C to +120°C.



## KLP In-LINE Circulation Pumps With Flanges 3 Phase

Model	H.P	M <sup>3</sup> /H	2.4	3.6	6	9.6	16.8	30	48	In/Out (Inch)
<b>44-26991</b> KLP 40-600T	0.41	H	8.2	8	7.7	6.6	2	-	-	1.5
<b>44-26994</b> KLP 65-1600T	2.25	H	17.2	17.2	17.2	17.2	17	14.1	6.3	2.5

### APPLICATION :

Hot or cold water circulation pump with in-line ports, suitable for installation directly on the pipework of civil and industrial heating, air conditioning, refrigeration, and sanitary water systems.

Class of Protection: IP55.

Liquid temperature range: From -15°C to +120°C.

# ON PUMPS


**MX**
**Wet Rotor Circulators**
**1 Phase**

Model	Watt	M <sup>3</sup> /H	0	0.5	1	2	2.5	3	3.5	In/Out (Inch)
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**44-2919**

MX12-1	61	H	3.8	3.3	2.8	2.4	1.5	1	0.5	1.5/1
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**MX**
**Wet Rotor Circulators**
**1 Phase**

Model	Watt	M <sup>3</sup> /H	0.5	1.5	2	2.5	3	3.5	4	In/Out (Inch)
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**44-2920**

MX13-1	96	H	5	4	3.5	3	2.4	1.4	1	1.5/1
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**MX**
**Wet Rotor Circulators**
**1 Phase**

Model	Watt	M <sup>3</sup> /H	1	2	3	4	5	6	7	In/Out (Inch)
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**44-2921**

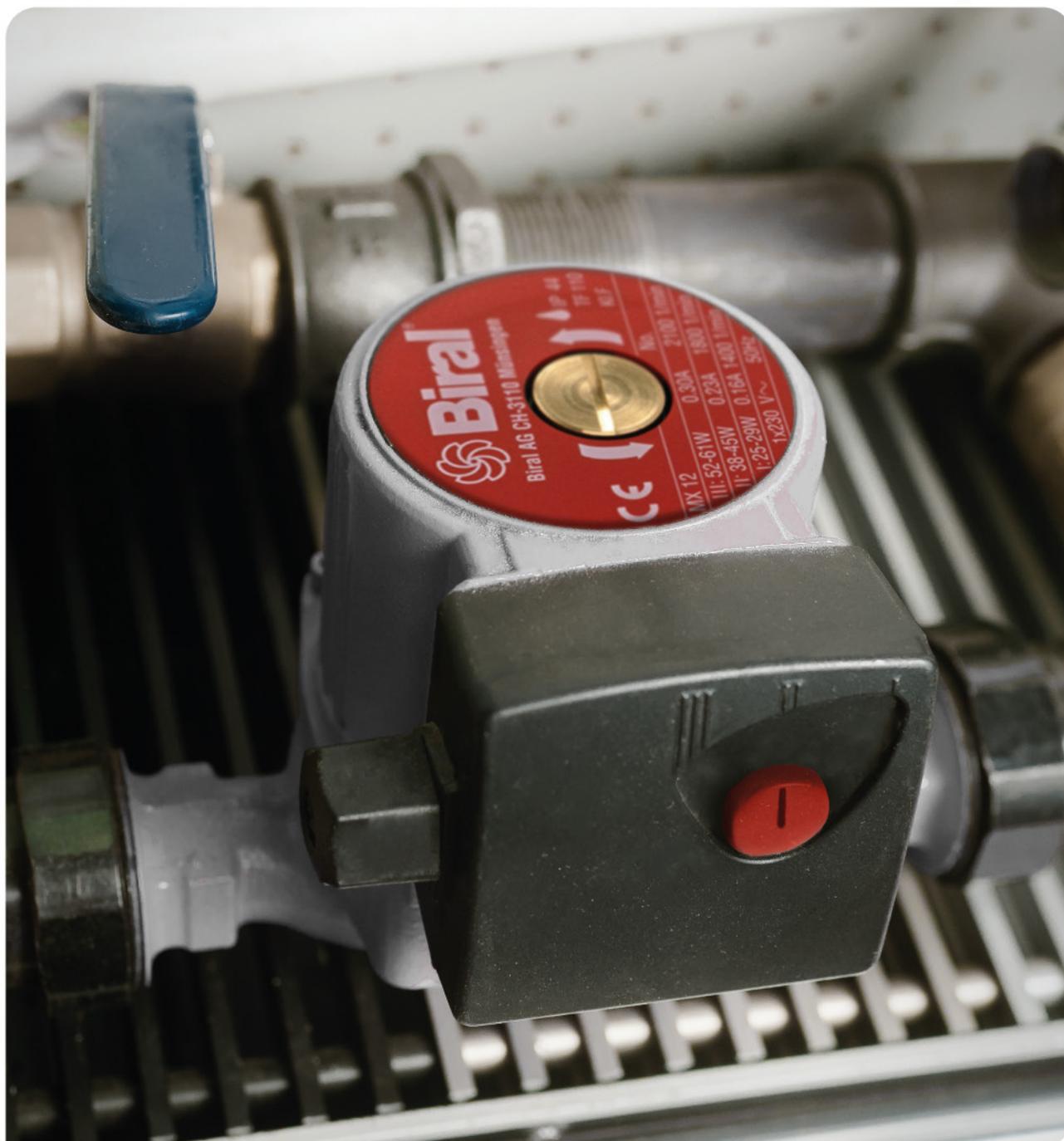
MX14-2	215	H	6	5.6	4.9	4	3	2.2	1.2	2/1.25
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**MX**
**Wet Rotor Circulators**
**1 Phase**

Model	Watt	M <sup>3</sup> /H	1	2	3	4	5	6	7	In/Out (Inch)
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**44-2922**

MX15-2	250	H	7.8	7	6.1	5.2	4.2	3.3	2.8	2/1.25
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# WET ROTOR CIRCULATORS

## APPLICATION :

- Biral MX circulation pumps are used to circulate liquids in hot water heating systems and enclosed industrial circulation systems.
- Permissible water temperature:  $-20\text{ }^{\circ}\text{C}$  to  $110\text{ }^{\circ}\text{C}$ .
- Ambient temperature: max.  $40\text{ }^{\circ}\text{C}$  .
- Permissible operating pressure: max10 bar.
- Protection: IP 44.



## SUPPLY, TESTING AND COMMISSIONING OF FIRE PROTECTION PUMPS

### Sub-Vendors



## Horizontal Split Case Fire Pumps

### SPECIFICATIONS:

<b>CERTIFICATIONS &amp; APPROVALS</b>	:	UL & FM
<b>COMPLIANCE TO STANDARDS</b>	:	UL 448, FM 1311, NFPA 20
<b>CAPACITY</b>	:	300 GPM up to 3500 GPM
<b>PRESSURE</b>	:	81 PSI up to 345 PSI
<b>FREQUENCY</b>	:	50 Hz / 60 Hz
<b>APPLICATIONS</b>	:	Sprinkler Systems, Hydrant Systems, Deluge Systems



## End Suction Fire Pumps

### SPECIFICATIONS:

<b>CERTIFICATIONS &amp; APPROVALS</b>	:	UL & FM
<b>COMPLIANCE TO STANDARDS</b>	:	UL 448, FM 1319, NFPA20
<b>CAPACITY</b>	:	50 GPM up to 1000 GPM
<b>PRESSURE</b>	:	80 PSI up to 309 PSI
<b>FREQUENCY</b>	:	50 Hz / 60 Hz
<b>APPLICATIONS</b>	:	Sprinkler Systems, Hydrant Systems, Deluge Systems



## Vertical Turbine Fire Pumps

### SPECIFICATIONS:

<b>CERTIFICATIONS &amp; APPROVALS</b>	:	UL Listed
<b>COMPLIANCE TO STANDARDS</b>	:	UL448, FM 1312, NFPA20
<b>CAPACITY</b>	:	150 GPM up to 2000 GPM
<b>PRESSURE</b>	:	49 PSI up to 402 PSI
<b>FREQUENCY</b>	:	50 Hz / 60 Hz
<b>APPLICATIONS</b>	:	Sprinkler Systems, Hydrant Systems, Deluge Systems





## 6380 G Electric Pressure Washer 150 Bar

	Power (W)	PN(Bar)	Flow(L/Min)	Voltage (V)	Motor type
<b>44-8140</b>	2000	150	6.67	220-240	Induction

- Spray gun with adjustable spray nozzle.
- 8M Water outlet pressure hose.
- 5M Power cord with plug.
- Built-in detergent tank.
- Rotary ON/OFF switch for convenient use.
- Built-in thermal protector.
- Tempered stainless steel plungers.



## 6331 G Electric Pressure Washer 170 Bar

	Power (W)	PN(Bar)	Flow(L/Min)	Voltage (V)	Motor type
<b>44-8150</b>	2500	170	7.3	220-240	Induction

- Spray gun with adjustable spray nozzle.
- 8M Water outlet pressure hose.
- 5M Power cord with plug.
- Built-in detergent tank.
- Rotary ON/OFF switch for convenient use.
- Built-in thermal protector.
- Tempered stainless steel plungers.



### Cleaning Brush

	Type (Bar)
<b>44-8310</b>	150
<b>44-8315</b>	170



### Detergent Tank

	Size (ml)	Type (Bar)
<b>44-8320</b>	800	150
<b>44-8325</b>	800	170



### Rotary Angle Nozzle

	Angle	Type (Bar)
<b>44-8330</b>	45°	150
<b>44-8335</b>	45°	170



### Extension Hose

	Length (M)	Type (Bar)
<b>44-8340</b>	5	150
<b>44-8345</b>	5	170





## LOGICFLOW

	Power (max)	Restart Pressure	Operating Temperature(max)	Operating Pressure (max)	Size (Inch)
<b>44-3170</b>	1.5 HP	Flow	65 °C	16 Bar	1

### ELECTRONIC FLOWSWITCH

Protection degree IP 65

Starts and stops the pump depending on opening and closing of the taps.  
Stops the pump in case of a water shortage and protects it from dry running.



## LOGICPRESS ST

	Power (max)	Operating Temperature (max)	Operating Pressure (max)	Size (Inch)
<b>44-3175</b>	1.5 HP	60 °C	10 Bar	1

 Restart Pressure	1.2 Bar	1.5 Bar	2.2 Bar	3 Bar
 Floors Number	4	5	7	10
 Building Height	12 mt	15 mt	22 mt	30 mt
 Max Pump Pressure	min 2.5 Bar	min 3 Bar	min 3.5 Bar	min 4.5 Bar



## LOGICPRESS

	Power (max)	Operating Temperature (max)	Operating Pressure (max)	Size (Inch)
<b>44-3180</b>	2 HP	65 °C	12 Bar	1

 Restart Pressure	1.2 Bar	1.5 Bar	2.2 Bar	3 Bar
 Floors Number	4	5	7	10
 Building Height	12 mt	15 mt	22 mt	30 mt
 Max Pump Pressure	min 2.5 Bar	min 3 Bar	min 3.5 Bar	min 4.5 Bar



# LOGICPRESS



## LOGICPRESS PLUS

	Power (max)	Operating Temperature (max)	Operating Pressure (max)	Size (Inch)
<b>44-3182</b>	3 HP	60 °C	12 Bar	1/1.25

Restart Pressure	1.2 Bar	1.5 Bar	2.2 Bar	3 Bar	4 Bar
Floors Number	4	5	7	10	13
Building Height	12 mt	15 mt	22 mt	30 mt	40 mt
Max Pump Pressure	min 2.5 Bar	min 3 Bar	min 3.5 Bar	min 4.5 Bar	min 5.5 Bar



## LOGICPRESS SET

	Power (max)	Operating Temperature (max)	Operating Pressure (max)	Size (Inch)
<b>44-3185</b>	2 HP	65 °C	12 Bar	1

Restart Pressure	1.5 Bar	2 Bar	2.5 Bar	
Floors Number	5	6	8	
Building Height	15 mt	20 mt	25 mt	
Max Pump Pressure	min 3 Bar	min 3.5 Bar	min 4 Bar	



## PRESS CONTROL

	Power (max)	Operating temperature (max)	Operating pressure (max)	Size (Inch)
<b>44-3187</b>	2 HP	65 °C	12 Bar	1

Restart Pressure	1.2 Bar	1.5 Bar	2.2 Bar	3 Bar	4 Bar
Floors Number	4	5	7	10	13
Building Height	12 mt	15 mt	22 mt	30 mt	40 mt
Max Pump Pressure	min 2.5 Bar	min 3 Bar	min 3.5 Bar	min 4.5 Bar	min 5.5 Bar



## LOGICPRESS THREE PHASE PLUS

	Power (max)	Operating Temperature (max)	Operating Pressure (max)	Size (Inch)
<b>44-3191</b>	3 HP	65 °C	12 Bar	1.25

 <b>Restart Pressure</b>	1.2 Bar	2 Bar	3 Bar	4 Bar	4.5 Bar
 <b>Floors Number</b>	4	6	10	13	15
 <b>Building Height</b>	12 mt	18 mt	30 mt	40 mt	45 mt
 <b>Max Pump Pressure</b>	min 4.5 Bar	min 5.5 Bar	min 6.5 Bar	min 7.5 Bar	min 8 Bar





## Water Pressure Switch (F-M)

	Voltage	Power (watt)	Size (Inch)
<b>44-3051</b>	220	200	0.5/0.75
<b>44-3052</b>	220	500	1/1
<b>44-3055</b>	220	1500	2/2



## Water Pressure Controller

	Power (max)	Restart Pressure	Operating Temperature(max)	Operating Pressure(max)	Size (Inch)
<b>44-3100</b>	1.5 HP	1.5 Bar	60 °C	10 Bar	1



## Water Pressure Controller

	Power (max)	Restart Pressure	Protection Degree	Operating Pressure(max)	Size (Inch)
<b>44-3140</b>	1.5 HP	1.5 Bar	IP 65	10 Bar	1



## Water Pressure Controller

	Power (max)	Restart Pressure	Operating Temperature(max)	Operating Pressure(max)	Size (Inch)
<b>44-3150</b>	1.5 HP	1.5-3 Bar	60 °C	10 Bar	1



## Water Pressure Controller

	Power (max)	Restart Pressure	Operating Temperature(max)	Operating Pressure(max)	Size (Inch)
<b>44-3210</b>	2 HP	1.4-2.8 Bar	60 °C	5.6 Bar	0.25



**Water Pump Sensor**

	For Pump	Size (Inch)	PN (Bar)
<b>44-3060</b>	44-1381 & 44-1382	3/8	1.5



**Water Pump Sensor**

	For Pump	Size (Inch)	PN (Bar)
<b>44-3061</b>	44-1391 & 44-1392	3/8	1.5



**MAKE THE PUMP RUN  
AUTOMATICALLY**

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**P U M P S**  
**C A T A L O G**



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