



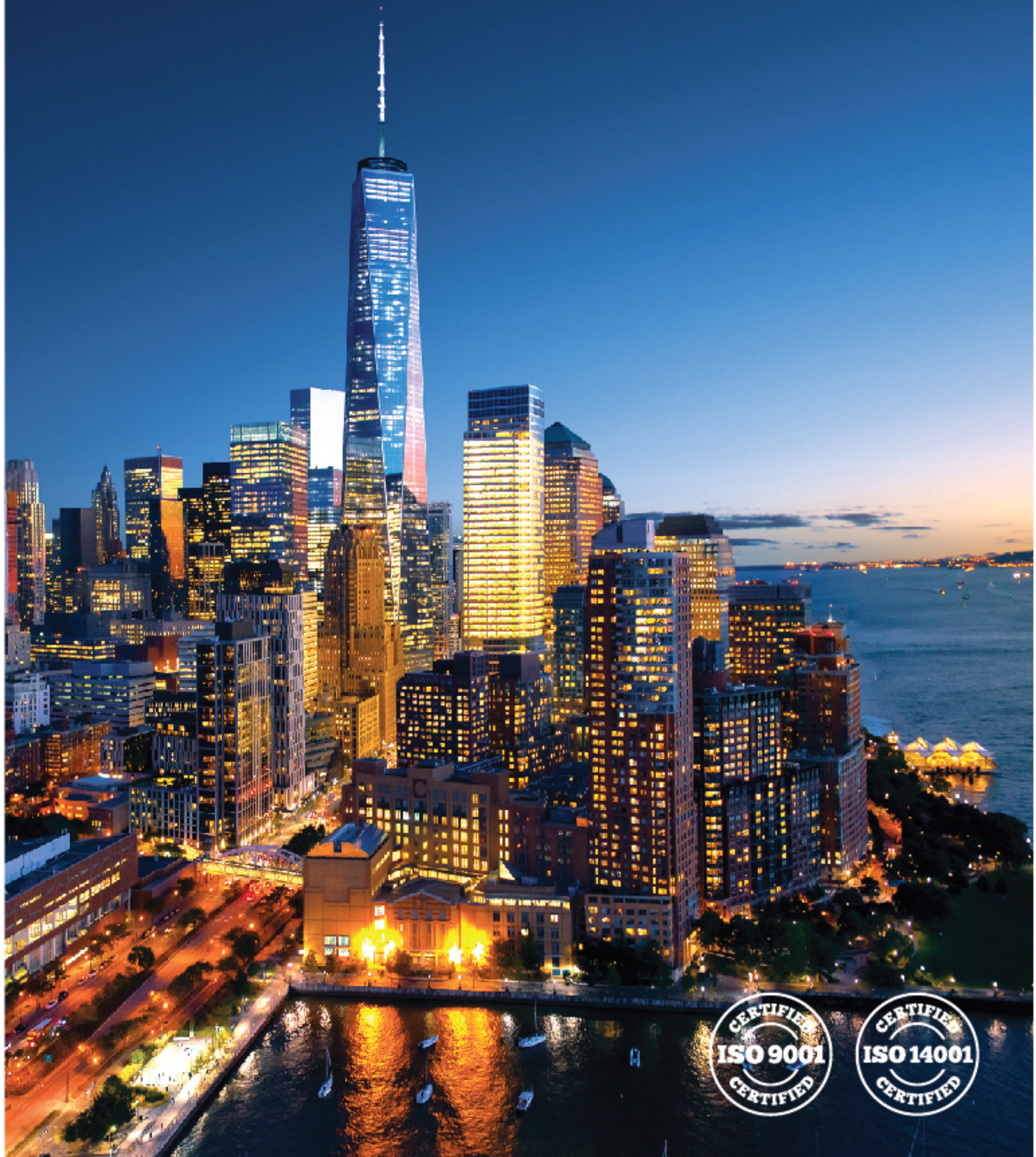
ROYAL
Industrial Trading Co.



PUMPS CATALOG

THE GUIDE OF WATER SOLUTIONS

DISCOVER OUR WATER SOLUTIONS



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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.



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.





KPF	Peripheral Pumps										1 Phase
	Model	H.P	M³/H	0	0.3	0.6	0.9	1.2	1.8	2.4	In/Out (Inch)
44-2501	KPF30/16M	0.5	H	32.5	31	25	22	17.5	10	---	1
44-2503	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).



KP	Peripheral Pump										1 Phase
	Model	H.P	M³/H	0	0.3	0.6	0.9	1.2	1.8	2.4	In/Out (Inch)
44-2502	KP38/18M	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	M³/H	1.8	3.6	7.2	11	15	24	36	In/Out (Inch)
44-2513	K30/70M	1	H	29.5	27	13.5	---	---	---	---	1
44-2515	K30/100M	1.5	H	29	28.8	25.3	18	---	---	---	1.5/1
44-2516	K14/400M	2	H	---	---	---	19	18.5	16.3	10	2/2
44-2517	K36/100M	2.5	H	34.9	34.6	32	26.5	---	---	---	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 or cast iron impeller, carbon/ceramic mechanical seal.



JET Self-Priming Centrifugal Pump 1 Phase

	Model	H.P	M³/H	0	1.2	1.8	2.4	3	3.6	4.2	In/Out (Inch)
44-2523	JET102M	1	H	47	41	36.3	32.4	28.8	25.8	23	1

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. 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	M³/H	0	1.2	1.8	2.4	3.6	4.8	6	In/Out (Inch)
44-2535	K45/50M	1.5	H	51	49	47.5	46	42	37	30	1.25/1
44-2536	K55/50M	2.5	H	62	60	58	57	52	45	34	1.5/2

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.

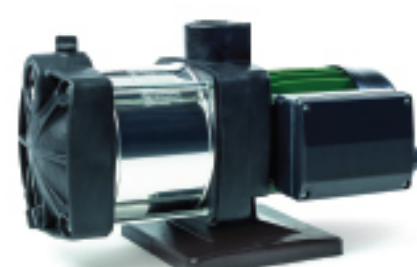


K Monoblock Centrifugal Pumps 3 Phase

	Model	H.P	M³/H	0	12	15	18	24	30	36	In/Out (Inch)
44-2544	K11/500T	3	H	24.5	22.5	21.5	20	16.5	11.5	6.5	2/2.5
44-2545	K18/500T	4	H	29.6	29.2	28.5	27.4	24	19.5	13.8	2/2.5
44-2546	K28/500T	5	H	35	34.5	34	32.8	29.3	25.2	20	2/2.5
44-2547	K40/400T	7.5	H	50.5	49	48	45	37	24	---	2/2.5

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.



INOX Self-Priming Horizontal Multi-stage Pump 1 Phase

	Model	H.P	M³/H	0.6	1.2	2.4	3.6	4.2	4.8	5.4	In/Out (Inch)
44-2554	Multi-Inox 4M	1	H	45	43	38	28	22	16	9	1

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.



FEKA Submersible Pump For Drainage Water 1 Phase

	Model	H.P	M³/H	1	3	5	7	9	12	15	Out (Inch)
44-2610	FEKA 600M	0.75	H	7.1	6.5	6	5.5	5	4.1	2.8	1.25

APPLICATION :

The submersible pump of the FEKA series is suitable for lifting sewage water from cesspools, and is capable of handling suspended solid matter with size up to 25 mm. The level switch allows fixed installation, ensuring automatic operation. Version with special stainless steel pump shaft also available (SV) Hydro resistant techno polymer pump body, cover, and suction grid. Stainless steel motor, roto shaft, and bolts and screws.



FEKA Domestic Sewage & Waste Water 1 Phase

	Model	H.P	M³/H	3	6	9	12	15	18	24	Out (Inch)
44-2621	FEKA VS500	0.75	H	7	6.2	5.6	4.1	3.2	1.8	---	2
44-2622	FEKA VS1000	1.36	H	11.5	10.5	9.8	9	8	6.8	4.1	2

APPLICATION :

Stainless steel submersible centrifugal pump with microcast steel liquid vortex impeller, suitable for lifting sewage and drain water in general containing solid matter with size up to 50 mm.



GRI Sewage Pump With Cutting System 1 Phase

	Model	H.P	M³/H	0	3	6	9	12	15	18	Out (Inch)
44-2633	Grinder1600MA	2.4	H	23.5	22.3	20.6	18	14.8	11	5.7	2

APPLICATION :

Submersible cast iron pump with grinder for lifting water loaded with filamentous matter, paper or textile material, generally for use in domestic or civil sewage waste systems without grids, ENGJL 200 cast-iron cover, motor body, hydraulic body and impeller; AISI 440C grinder. Double carbon/alumina mechanical seal in oil chamber.



DIVER 6" Multi-stage Submersible Pumps 1 Phase

	Model	H.P	M³/H	0.6	1.8	2.7	3.6	4.5	5.1	5.4	Out (Inch)
44-2651	Diver 6-700MA	0.88	H	35	28.5	23.6	17	9.5	4.6	1.8	1
44-2652	Diver 6-800MA	1	H	45	35.5	29.2	21.8	13.5	7.8	3.5	1

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.



GENIX Automatic Lifting Station 1 Phase

	Model	H.P	M³/H	0	0.9	1.8	3	4.2	5.4	Inlets
44-2591	Genix 130	0.44	H	8	7.5	6.8	5.2	3.5	1	2(side) + 1(up)

APPLICATION :

Its use is necessary when toilet, shower, sink, or bidet waste water cannot be expelled due to gravity. These lifting stations can be used anywhere for the addition of a toilet, for new installations, refurbishments, or structural modifications. With the 110 model, in addition to a toilet, a further user can also be connected, like the sink. With the 130 model, in addition to the toilet, three further users can be connected, like the sink, the shower, and the bidet. A characteristic of the proposed models is their silent operation, further improved in the Comfort versions. The powerful and reliable pump, and the nickel plated stainless steel grinder, make the product durable, with practically no regular maintenance required. Extremely easy to repair in case of blocking, with the possibility of removing the motor assembly by simply removing two screws. The discharge tap ensures clean and problem-free maintenance. The check valves are built in the delivery connections, and in the side connections for 130 models.



IDEA 4" Peripheral Submersible Pump 1 Phase

	Model	H.P	M³/H	0.4	0.6	1.2	1.5	1.8	2.1	2.4	Out (Inch)
44-2662	Idea 150M	1.5	H	90	81	60	48	35	22	10	1

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. With 15 M power cable length.



S4B 4" Peripheral Submersible Pump 1 Phase

	Model	H.P	M³/H	0	0.6	1.2	1.5	1.8	2.4	3	Out (Inch)
44-2683	S4B-24M	1.5	H	149	144	125	109	92	48	30	1.25
44-2685	S4B-32M	2	H	199	192	166	145	122	64	45	1.25
44-2686	S4B-48M	3	H	298	287	250	218	184	96	70	1.25

APPLICATION :

Submersible electric pumps for 4" wells or larger, capable of generating a wide range of flows and heads. These units have a very extensive range of applications for lifting, distribution, and pressurization in civil and industrial water systems, filling of pressure vessels and tanks, fire-fighting systems and washing of irrigation systems. With 15 - 30 M power cable length depends on the model and the safety lanyard.



VA	Wet Rotor Circulators										1 Phase
	Model	Watt	M³/H	0	0.6	1.2	1.8	2.4	3	4.2	In/Out (Inch)
44-2691	Va 55/130	70	H	5.4	4.7	4.5	3.3	2.6	1.75	0.85	1.5/1
44-2692	Va 65/180	78	H	6.3	5.8	5.3	4.3	3.4	2.4	---	1.5/1

APPLICATION :

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



A	Wet Rotor Circulators										1 Phase
	Model	Watt	M³/H	0.6	1.2	1.8	2.4	3	4.2	7.2	In/Out (Inch)
44-2693	A80/180 XM	260	H	8	7.6	7.4	7.2	6.9	6.3	3.8	2/1

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.



A	Wet Rotor Circulators										1 Phase
	Model	Watt	M³/H	0.6	1.2	1.8	2.4	3	4.2	7.2	In/Out (Inch)
44-2694	A110/180 XM	410	H	11	10.8	10.5	10	9.8	9.2	7	2/1

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.



e.sybox





E.sybox Mini

1 Phase

Model	H.P	M³/H	0.6	1.2	1.8	2.4	3	3.6	4.8	In/Out (Inch)
44-2590 E.sybox Mini	0.5	H	55	55	49	39	31	23	4	1

APPLICATION :

E.SYBOX MINI3 is the DAB compact automatic pressurisation system for the water supply of a single dwelling. E.SYBOX MINI3 guarantees the comfort of constant pressure (Pressure Set Point adjustable from 1 up to 5,5 bar) inside the system, and energy savings thanks to the inverter technology. Suitable for use with drinking water, in domestic systems, and in gardening applications. E.SYBOX MINI3 does not require any additional components for its installation.

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



E.sybox

1 Phase

Model	H.P	M³/H	0.6	1.8	3	4.2	5.4	6.6	7.2	In/Out (Inch)
44-2595 E.sybox	2.1	H	63.5	59.5	53	41.5	27.5	10	2	1

APPLICATION :

E.SYBOX 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 e.sybox mini is the solution for water boosting in small dwellings, e.sybox 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.

APPLICATIONS



e.sybox

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



e.sybtwin

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

1KDN COMPACT

UNI EN 12845 FIRE-FIGHTING SETS WITH STANDARDISED CENTRIFUGAL PUMPS

Diesel and electric motor fire-fighting sets, ideal for automatic sprinkler systems and/or hydrants of commercial buildings. Designed to be coupled with each other, in order to obtain all the versions and meet all the requirements of the EN 12845 and UNI 10779 standards.

By means of a elastic spacer coupling, the pump is coupled to an electric (efficiency level IE3) or Diesel motor capable of providing the power absorbed by

the pump at any pump load condition, from no-load, to a load corresponding to NPSH16m (as requested by section 10.1 of the UNI EN 12845 standard).

- Modular design :

The UNI EN 12845 DAB fire-fighting sets are supplied in modular version. This setup facilitates transport, and the installation of DAB fire-fighting pump sets in pump rooms, even with narrow access doors.

Thanks to a coupling kit (supplied as accessory), it is possible to obtain all the compositions contemplated by the standard (one, two, or three electric or Diesel pumps, with or without jockey pump).



EXAMPLES OF INSTALLATION WITH 1KDN

FLOODED SUCTION INSTALLATION

The standards set down, in order of preference, the various ways in which a pump for a fire-fighting set can be installed. End-suction horizontal pumps must be installed with flooded suction whenever possible, and the standard EN12845 clearly defines the parameters for flooded suction installation:

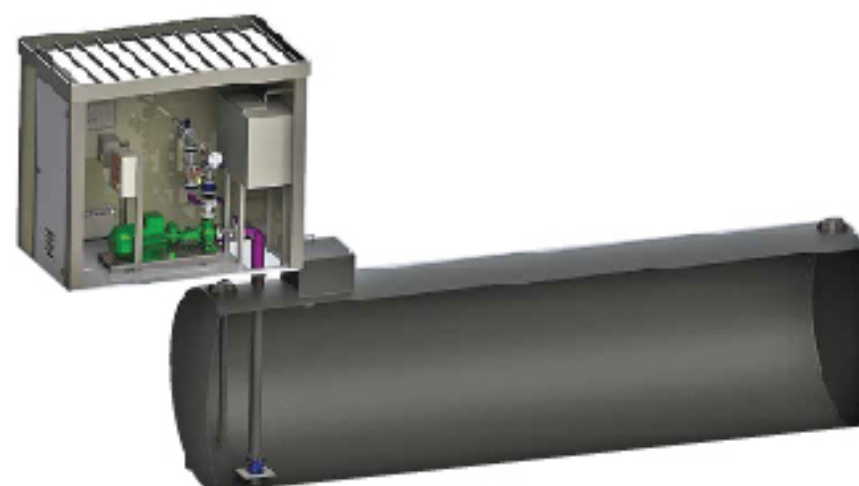
- at least two thirds of the actual suction tank capacity must be above the level of the axis of the pump.
- the axial line of the pump must not be more than 2 m above the minimum level of water in the supply tank.



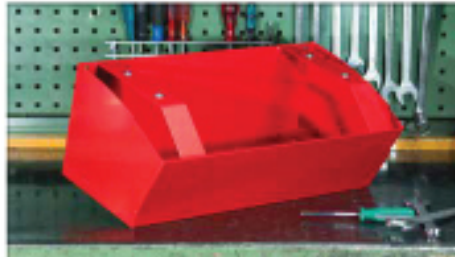
SUCTION LIFT INSTALLATION

Suction lift installation is the alternative when flooded suction installation is not possible. Standard EN12845, however, advises against suction lift installation and specifies that it should be considered only when flooded suction installation is not feasible. The standard indicates a maximum distance of 3.2 m between the axial line of the pumps and the lowest point of the suction piping.

Specific priming pumps must also be installed above the main pumps (1 per main pump) to ensure that these are all primed.



FEATURES



COLLECTION RESERVOIR

Reservoir for the collection of any fuel leaking out of the diesel tank, included up to 11kW, pursuant to UNI 11292.



BATTERIES - MAINTENANCE

Batteries and sensitive components are in front of the fire-fighting set, making their maintenance simpler.



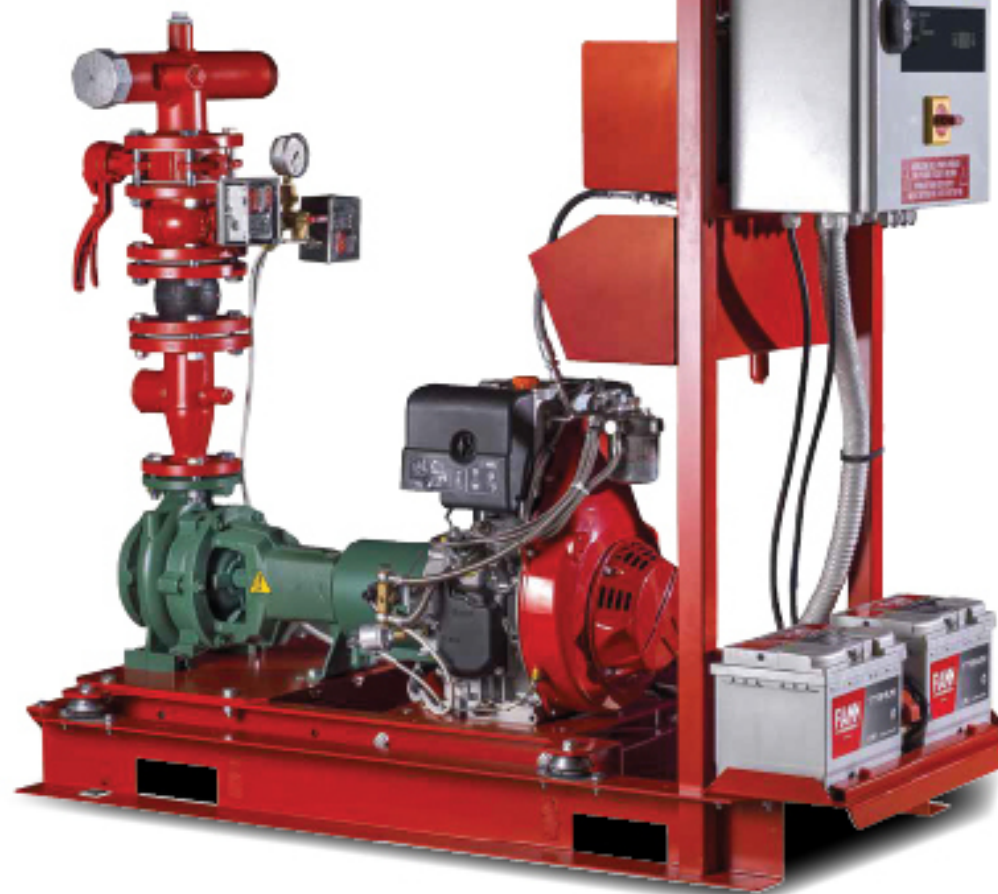
FRAME

Compact steel frame painted RAL 3000 red to support the pump, with anti-vibration devices to dampen the vibrations transmitted to the system.



ALARM REMOTE CONTROL UNIT

Alarm notification and remote control unit suitable for sets with 1 to 3 pumps. The GSM module accessory makes it possible to receive notification text messages in real time on the status of the pumping system.



TANK

All the engine-drive pumps have a fuel pump sized to ensure 6 hours of operation, as required for the highest hazard classes pursuant to standard EN12845 - 10.9.6.



CLAPET VALVE

An inspectionable check valve is mounted on the delivery port of each main pump to facilitate maintenance.



HIGH QUALITY

Fire-fighting sets designed and manufactured with components that guarantee a high standard of quality.

WE CUSTOMIZE AS YOU NEED



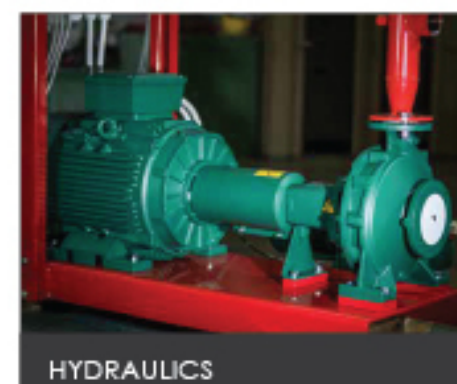
MOTORS

The motors of all the main pumps are sized in accordance with standard EN 12845 - 10.1 to supply the power absorbed by the pump under any load conditions up to an NPSH value of 16 m.c.w.



DESIGN

Compact sizes and modular structure, for coupling together (modular design) in order to meet the requirements of all the versions of the EN 12845 standard, as well as making transport and handling in restricted spaces easier.



HYDRAULICS

End-suction back pull out (as required by the EN 12845 - 10.1 standard) horizontal axis standardised centrifugal pump coupled with an electric or Diesel motor by means of an elastic spacer coupling protected by safety coupling cover.



CONTROL PANELS

All the fire-fighting sets have an electric control panel pursuant to EN 12845 / UNI 10779 for each main pump and an electric control panel for the jockey pump, already connected to the main components (motor, pressure switches, sensor, batteries, etc.).



KPM	Surface Water Pump										1 Phase
	Model	H.P	M³/H	0.3	0.6	1	1.5	1.8	2.1	3	In/Out (Inch)
44-2001	KPM50	0.5	H	34	30	25	17	13	10	---	1
44-2002	KPM80	0.75	H	59	55	50	40	35	30	15	1
44-2003	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-agressive liquids only, without sand or other solid impurities.



CM	Surface Centrifugal Water Pump										1 Phase
	Model	H.P	M³/H	0.6	1.2	3.6	5.4	7.5	---	---	In/Out (Inch)
44-2011	CM22	0.5	H	20	18	16	12	---	---	---	1
44-2012	CM27	0.75	H	27	25	18	14	---	---	---	1
44-2013	CM32	1	H	29	28	23	20	14	---	---	1
44-2014	CM35	1.5	H	36	35.5	33.5	28	26	---	---	1.25/1
44-2015	CM45	2	H	43	42	40.5	36.5	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	M³/H	0.6	0.9	1.2	1.8	21	27	3	In/Out (Inch)
44-2022	CAM40	0.75	H	38	36	34	29	27	22	19	1
44-2023	CAM100	1	H	45	43	40	36	33	29	27	1

APPLICATION :

Selfpriming jet water pumps Able to pump up to mt. 8 depth and work perfectly even insoda-water. Suitable for water lifting and distribution in domestic fittings by smalland medium sized tanks.



APM Surface Pump For Deep Suction **1 Phase**

	Model	H.P	Depth (m)	M³/H	0.18	0.6	1.2	1.5	1.8	2.1	In/Out (Inch)
44-2026	APM100	1	15	H	41	34	27	22.5	21	17	1.25/1
	APM100	1	20	H	36	29	22	17.5	16	12	1.25/1
	APM100	1	25	H	32	22	13	6.5	---	---	1.25/1
	APM100	1	30	H	27	17	8	---	---	---	1.25/1
	APM100	1	35	H	22	12	---	---	---	---	1.25/1
44-2028	APM200	2	15	H	67	60	51.5	46.5	45.5	---	1.25/1
	APM200	2	20	H	62	55	46.5	41.5	40.5	---	1.25/1
	APM200	2	25	H	57	50	41.5	36.5	35.5	---	1.25/1
	APM200	2	35	H	68	57	43.5	14.5	---	---	1.25/1
	APM200	2	50	H	53	42	28.5	10	---	---	1.25/1

APPLICATION :

Selfpriming 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	M³/H	6	9	18	21	27	30	---	In/Out (Inch)
44-2031	CFM200	2	H	27	26	21	19	14.5	12	---	2
44-2032	CFM300	3	H	33.5	32.5	27	25	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 Twin Impeller Centrifugal Pump **1 - 3 Phase**

	Model	H.P	M³/H	1.2	2.4	4.8	6	7.2	8.4	9.6	In/Out (Inch)
1 PHASE											
44-2041	2CM25/160C	1.5	H	51	49	44	40	35	27	23	1.25/1
44-2042	2CM25/160B	2	H	58	56	50	47.5	42	35	31	1.25/1
44-2043	2CM25/160A	3	H	65	62.5	59	57	54	50.5	46	1.25/1
3 PHASE											
44-2044	2C25/160A	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.



HGM Self-Priming Monoblock Pump 1 Phase

	Model	H.P	M³/H	1.5	3	6	24	36	60	---	In/Out (Inch)
44-2045	HGM50-1.1	1.5	H	19	18.5	18	10.5	---	---	---	2
44-2046	HGM50-1.5	2	H	---	19	19	12	4	---	---	2
44-2047	HGM50-2.2	3	H	---	---	17	14	13	6	---	3

APPLICATION :

Selfpriming 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 selfprimes 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	M³/H	3	12	18	24	42	60	72	In/Out (Inch)
44-2050	CBM152	1.5	H	21	16	11	---	---	---	---	2
44-2051	CBM203A	2	H	---	16	15	14	6	---	---	3
44-2052	CBM203B	2	H	---	---	14	14	11	---	---	3
44-2053	CBM303A	3	H	---	22	21	20	13	---	---	3
44-2054	CBM303B	3	H	---	---	17	17	15	10	---	3
44-2057	CBM454A	4	H	---	27	26	25	19	---	---	4
44-2058	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	M³/H	6	7.5	12	21	24	30	36	In/Out (Inch)
44-2060	CS32-160C	2	H	26	25	24	20	18	---	---	2/1.25
44-2061	CS32-160B	3	H	29	29	27	23	22	16	---	2/1.25
44-2062	CS32-160A	4	H	37	36	35	30	29	24	---	2/1.25
44-2063	CS32-200C	5.5	H	41	41	40	37	35	32	26	2/1.25
44-2064	CS32-200B	7.5	H	56	56	55	52	50	47	43	2/1.25
				M³/H	21	27	33	48	60	72	78
44-2065	CS50-160C	5.5	H	30	29	28	24	21	16	---	2.5/2
44-2066	CS50-160B	7.5	H	37	37	36	32	29	24	21	2.5/2
44-2067	CS50-160A	10	H	40	40	39	35	32	27	23	2.5/2
44-2068	CS50-200C	12.5	H	---	49	48	45	42	37	33	2.5/2



RSM Multi-Impeller Horizontal Centrifugal Pump 1 Phase

	Model	H.P	M³/H	0.6	1.2	2.7	3.6	4.5	4.8	5.4	In/Out (Inch)
44-2070	RSM3	0.8	H	34	33	28	23	18	15	13	1
44-2071	RSM4	1	H	45	44	38	33	25	21	18	1
44-2072	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	M³/H	0.6	1.2	2.7	4.5	5.4	7.2	9.6	In/Out (Inch)
44-2073	RSM40	2	H	49	48	44	40	37	30	15	1.25/1
44-2074	RSM50	2.5	H	59	57	55	48	44	34	18	1.25/1
44-2075	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	M³/H	0.6	1.2	1.8	2.4	3	4.2	4.8	In/Out (Inch)
44-2081	RSXM2-6	1	H	53	49	45	40	34	20	10	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.



RXM Horizontal Multi-Stage Pumps 1 Phase

	Model	H.P	M³/H	1.8	3.6	5.4	10.8	15.6	16.8	18	In/Out (Inch)
44-2083	RXM10-4	2	H	42	40	37.5	28	14	10	---	1.5/1.25
44-2084	RXM10-5	3	H	53	51.5	49	38	21	16	11	1.5/1.25

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.



TS Submersible Drainage Pump 1 Phase

	Model	Watt	M³/H	0.6	1.2	2.4	3.6	5.4	8.4	14.4	Out (Inch)
44-2101	TS 400/S	400	H	7.5	6.8	6	5.5	4.5	2.3	---	1.25
44-2102	TS 800/S	800	H	9.7	9.5	9	8.7	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.



TF Submersible Pump For Dirty Water 1 Phase

	Model	Watt	M³/H	0.6	1.2	2.4	3.6	5.4	8.4	14.4	Out (Inch)
44-2110	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.



SXG S.S Submersible Pumps For Dirty Water 1 Phase

	Model	Watt	M³/H	1.8	3.6	5.4	9	12	15	21	Out (Inch)
44-2120	SXG 1000	1000	H	8.2	8	7.5	6.5	5	3.9	---	1.5
44-2121	SXG 1200	1400	H	10.5	10.2	10	8.8	8.5	7.8	5	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.



SDH Submersible Drainage Pump 1 Phase

	Model	H.P	M³/H	1.5	3	9	11	15	18	20	Out (Inch)
44-2130	SDH-1000	1	H	14.5	14	11	9.8	7.1	4.6	2.5	2

APPLICATION :

Selfpriming jet water pumps Able to pump up to mt. 8 depth and work perfectly even insoda-water. Suitable for water lifting and distribution in domestic fittings by smalland medium sized tanks.



SQ Submersible Sewage Pumps 3 Phase

	Model	H.P	M³/H	6	18	36	50	65	72	96	Out (Inch)
44-2145	SQ 50-4	5.5	H	20	17	11	7	3	---	---	3
44-2146	SQ 65-5.5	7.5	H	25	21.5	15	11	6	3	---	4
44-2147	SQ 85-7.5	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.



ECM Submersible Pump With Vortex Impeller 1 Phase

	Model	H.P	M³/H	3	6	9	12	18	---	---	Out (Inch)
44-2150	ECM 75-VS	0.75	H	16	14.5	13.8	12.9	10	---	---	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.



SEM Submersible Pump With Vortex Impeller 1 Phase

	Model	H.P	M³/H	3	6	9	12	15	21	24	Out (Inch)
44-2160	SEM150VS	1.5	H	11	10	9	8	7	6	4	2
44-2161	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.



PRF Submersible Pump With Vortex Impeller 3 Phase

	Model	H.P	M³/H	6	12	24	36	42	54	60	Out (Inch)
44-2165	PRF550N-V	5.5	H	24	23	19	16	14	10	8	3

APPLICATION :

Submersible drainage pumps with closed single-blade impeller, which allows free passage of suspended parts and high performance. Suitable in civil and industrial water systems, for cesspool drainage with dirty and muddy liquids and for waters not cleaned by grid.



SXG Submersible Pump 1 Phase

	Model	Watt	M³/H	0.6	1.2	2.4	3.6	7.2	8.4	9.6	Out (Inch)
44-2171	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.



SXS S.S Submersible Drainage Pump 1 Phase

	Model	H.P	M³/H	3.6	5.4	7.2	9	12	18	21	Out (Inch)
44-2181	SXS1000-DA	1	H	14	13	12	11	10	5.5	---	1.5
44-2182	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.



SCM Multi-Stage Submersible Pumps For 6" Wells 1 Phase

	Model	Watt	M³/H	0.3	0.6	0.9	1.2	2.7	3.6	5.1	Out (Inch)
44-2190	SCM4/F	1100	H	47	46	45	43	37	31	18	1.25
44-2191	SCM5/F	1400	H	58	57	56	55	45	38	23	1.25
44-2192	SCM6/F	1600	H	70	69	68	67	55	49	31	1.25
44-2193	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 rest-resistant thanks to their pump body and motor in stainless steel.



CMA Gasoline Water Pump 4 Stroke

	Model	Height (M)	R.P.M	Connector (Inch)	H.P	Tank (lt)	Weight (Kg)
44-2202	CMA 25-4T	28	6500	1	1.2	0.5	8.3

APPLICATION :

Selfpriming 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	Height (M)	R.P.M	Connector (Inch)	H.P	Tank (lt)	Weight (Kg)
44-2205	CMA 50	29	3600	2	6.5	3.6	24

APPLICATION :

Selfpriming 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	Height (M)	R.P.M	Connector (Inch)	H.P	Tank (lt)	Weight (Kg)
44-2207	CMA 80	29	3600	3	6.5	3.6	28

APPLICATION :

Selfpriming 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	M³/H	1.5	3	6	15	21	24	27	In/Out (Inch)
44-2353	SWIMM1000	1	H	17	17	16	10	3	---	---	1.5
44-2354	SWIMM1500	1.5	H	18	18	17	13	9	6	3	2

APPLICATION :

Selfpriming 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 insoda-water. Suitable for water lifting and distribution in purification systems for swimming pools.



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

	Model	H.P	M³/H	4	6	10	12	18	20	24	In/Out (Inch)
44-2423	2x2C32/190B	4+4	H	75	72	70	68	60	55	48	2/1.5

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.



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

	Model	H.P	M³/H	6	8	12	16	18	21	24	In/Out (Inch)
44-2445	2*VS8-10	5.5+5.5	H	105	100	97	90	85	75	62	2.5/2.5
44-2446	2*VS8-15	7.5+7.5	H	152	148	142	135	126	115	100	2.5/2.5

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)	Pump thread (Inch)	Union Size (Inch)	
44-2910		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)	Pump thread (Inch)	Union Size (Inch)	
44-2911		2400	0.72	166	2	2/1	
		2250	0.67	154	---	---	
		1600	0.58	133	---	---	



SCR	Circulator Pump U-75						1x230V, 50Hz
	Speed	R/M	Current (A)	Power (W)	Pump thread (Inch)	Union Size (Inch)	
44-2912		2600	0.75	170	2	2/1.25	
		2300	0.69	159	---	---	
		1400	0.53	122	---	---	

AFFORDABLE
ENERGY EFFICIENCY



IDRO	Membrane Pressure Tank		1 Phase
	Pressure (Bar)	Capacity (Liter)	Size (Inch)
44-2810	8	24	1



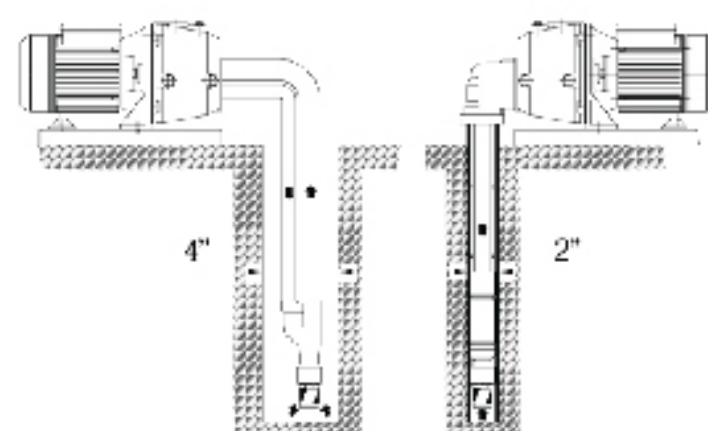
IDRO	Speroni Membrane Pressure Tank		1 Phase
	Pressure (Bar)	Capacity (Liter)	Size (Inch)
44-2815	8	22	1



Set Ejector	
	Size (Inch)
44-2096	2

APPLICATION :

The separate ejector pump is basically a centrifuge with the possibility of becoming a self-priming jet pump with deep suction by fitting the ejector in the well onto the end of the suction pipe. 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.



Pump Flange	
	Size (Inch)
44-2097	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.



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QB	Surface Water Pump				1 Phase
	Model	H.P	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1301	QB60	0.5	2.4	33	1
44-1302	QB70	0.75	3	48	1
44-1303	QB80	1	3.6	60	1

APPLICATION :

The pump is mainly composed of motor, water pump and sealing parts, and the brass impeller has peripheral structure. The single mechanical seal using ceramic/graphite/nitrile butadiene rubber works as the motive seal, and oil resistant rubber ring is used as the static seal for rabbit.



CPm	Surface Centrifugal Pump				1 Phase
	Model	H.P	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1313	CPm158	1	7.2	32	1
44-1315	CPm190	2	7.8	48	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	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1323	JET100P	1	4.2	46	1

APPLICATION :

the water pump has a combined structure of centrifugal impeller, radial diffuser as well as ejector. Fluidics is applied to ensure the high head, and single mechanical seal using ceramic/graphite/nitrile butadiene rubber works as the motive seal while oil resistant rubber ring is the static seal for rabbit. 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	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1333	SHFm5AM	2	36	22.5	2

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	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1343	2SGPm25/160	2	12	50	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.



BWJ

Horizontal Multi-Stage Centrifugal Pumps

1 Phase

	Model	H.P	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1361	BWJ2-4	0.75	3	36	1
44-1362	BWJ2-6	1	3	53.5	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	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1373	BL2-9	1.5	3.2	80	1

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	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1380	ZPS20-12-180	245	3.5	12	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.



PW Silent Pressure Pump 1 Phase

	Model	H.P	Temperature	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1381	1AWZB250	0.34	90°	2.4	28	1
44-1382	1AWZB370	0.5	90°	2.7	32	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°



PW-Z Silent Pressure Pump With Sensor 1 Phase

	Model	H.P	Temperature	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1391	1AWZ250H1	0.34	90°	2.4	28	1
44-1392	1AWZ370H1	0.5	90°	2.7	32	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°


WG

Gas Boiler Water Pump

1 Phase

	Model	H.P	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1395	15WG-90K	0.12	0.8	10	0.75

APPLICATION :

For boosting insufficient mains water pressure such as :

- Shower
- Solar water heaters.
- Liquid temperature maximum: 80°
- 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	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1402	QDX3-18-0.55A	0.75	8	20	1
44-1403	QDX3-18-0.75A	1	19	20	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-K1

Submersible Drainage Pump

1 Phase

	Model	H.P	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1412	QDX1.5-25-0.55K1	0.75	6.5	26	1
44-1413	QDX8-18-0.75K1	1	15	20	1.5
44-1414	QDX3-30-1.1K1	1.5	10	31	1
44-1416	QDX6-25-1.1K1	1.5	17	29	2

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

Submersible Drainage Pump

1 Phase

	Model	H.P	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1422	QDX1.5-25-0.55	0.75	4.5	25.5	1
44-1423	QDX8-18-0.75	1	15	20	1.5
44-1424	QDX3-30-1.1	1.5	9.5	30	1

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.



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

	Model	H.P	Max.Flow M ³ /H	Max.Head (M)	In/Out (Inch)
44-1431	WSD75/35	1	22	10	2

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	Max.Flow M ³ /H	Max.Head (M)	In/Out (Inch)
44-1441	WVSD110(F)	1.5	27	13	2

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.



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

	Model	H.P	Max.Flow M ³ /H	Max.Head (M)	In/Out (Inch)
44-1451	WQDS25-7-1.5CB	2	36	17	2

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.



H	Circulator Pump H-50				1x230v,50Hz
	Speed	Current (A)	Power (W)	Pump thread (Inch)	Union Size (Inch)
44-1910		0.45	100	1.5	1.5/1
		0.35	70	---	---
		0.25	55	---	---

APPLICATION :

XPS circulating pumps are designed for circulation of liquids in heating and air-conditioning systems. Pumps with bronze or stainless steel housings are also suitable for use in hot-water service systems. Examples of typical applications are mix water underfloor heating system, air energy hot water circulation system, solar hot water circulation system, etc.



H	Circulator Pump H-65				1x230v,50Hz
	Speed	Current (A)	Power (W)	Pump thread (Inch)	Union Size (Inch)
44-1911		1.1	245	1.5	1.5/1
		0.85	190	---	---
		0.6	135	---	---

APPLICATION :

XPS circulating pumps are designed for circulation of liquids in heating and air-conditioning systems. Pumps with bronze or stainless steel housings are also suitable for use in hot-water service systems. Examples of typical applications are mix water underfloor heating system, air energy hot water circulation system, solar hot water circulation system, etc.



H	Circulator Pump H-110				1x230v,50Hz
	Speed	Current (A)	Power (W)	Pump thread (Inch)	Union Size (Inch)
44-1912	2750	1.5	300	2	2/1.25

APPLICATION :

XPS circulating pumps are designed for circulation of liquids in heating and air-conditioning systems. Pumps with bronze or stainless steel housings are also suitable for use in hot-water service systems. Examples of typical applications are mix water underfloor heating system, air energy hot water circulation system, solar hot water circulation system, etc.



Pump Unions			
	Size (Inch)		Size (Inch)
44-1992	1/1.5		44-1996
			2/1.25



QB	Surface Vertical Pumps				1 Phase
	Model	H.P	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1000	QB50	0.3	1.5	20	1
44-1001	QB60	0.5	2.1	35	1
44-1002	QB70	0.75	2.7	48	1
44-1003	QB80	1	2.7	53	1

APPLICATION :

Vertical positive displacement surface pumps for small house hold system and simple industrial application.



TCP	Single Impeller Centrifugal Pumps				1 Phase
	Model	H.P	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1013	TCP158	1	6	30	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.



THF	Single Impeller Centrifugal Pumps				1 Phase
	Model	H.P	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1034	THF6B-1	2	27	22	2

APPLICATION :

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

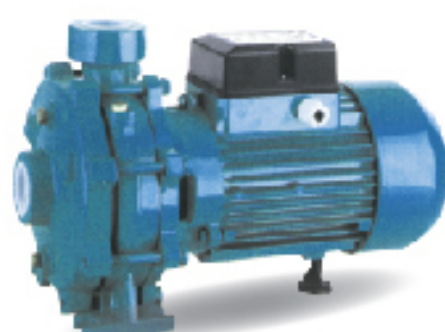


THF Peripheral Pumps 1 Phase

	Model	H.P	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1035	THF6B-3	3	30	26	2

APPLICATION :

Vertical positive displacement surface pumps for small house hold system and simple industrial application.



THF Single Impeller Centrifugal Pumps 1 Phase

	Model	H.P	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1040	THF6B-4	2.5	12	45	1.5

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	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1060	THF150	5.5	27	43	2

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	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1065	THF500	25	54	80	2

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 Pumps 1 Phase

	Model	H.P	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1072	2TCP25/160A	3	7.8	50	1.5/1.25

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	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1080	SGJ600	0.5	2.7	38	1

APPLICATION :

Develop high pressure and high water lift with a comparatively low power consumption.



TGP Silent Pressure Pump 1 Phase

	Model	H.P	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1091	TGP125C	0.5	2.1	35	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.



CL Gas Boiler Water Pump 1 Phase

	Model	H.P	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1095	CL15GRS-10	0.12	0.8	10	0.75
44-1096	CL15GRS-10 ECO	0.12	0.78	10	0.75

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°



GP	Drainage Submersible Pump				1 Phase
	Model	H.P	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1101	GP400	0.55	7.2	8	1.5
44-1102	GP550	0.75	9.9	9	1.5
44-1103	GP750	1	12	10	1.5

APPLICATION :

Drainage pumps for emptying pits and cisterns, for gardening.



WQD	Drainage Submersible Pump				1 Phase
	Model	H.P	Max.Flow M³/H	Max.Head (M)	In/Out (Inch)
44-1120	WQD5-15-0.75	1	18	14	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.





HYP Submersible Fountain Pump 1 Phase

	Model	Watt	Max.Flow L/H	Max.Head (M)	Max.Depth (M)	In (Inch)
44-1610	HYP15	28	1200	1.6	3	0.5

FOUNTAIN NOZZLE SHAPES :



APPLICATION :

Submersible fountain pumps are with **plastic pump body for customer option**, both types are equipped with interchangeable nozzles to obtain different water plays.



PFP Submersible Fountain Pump 1 Phase

	Model	Watt	Max.Flow L/H	Max.Head (M)	Max.Depth (M)	In (Inch)
44-1620	PFP50	50	2000	2.5	3	0.5

FOUNTAIN NOZZLE SHAPES :



APPLICATION :

Submersible fountain pumps are with **plastic pump body for customer option**, both types are equipped with interchangeable nozzles to obtain different water plays.



HYP S.S Submersible Fountain Pump 1 Phase

	Model	Watt	Max.Flow L/H	Max.Head (M)	Max.Depth (M)	In (Inch)
44-1630	HYP36	50	1750	1.9	3	0.5

FOUNTAIN NOZZLE SHAPES :



APPLICATION :

Submersible fountain pumps are with **stainless pump body for customer option**, both types are equipped with interchangeable nozzles to obtain different water plays.



HYP S.S Submersible Fountain Pump 1 Phase

	Model	Watt	Max.Flow L/H	Max.Head (M)	Max.Depth (M)	In (Inch)
44-1640	HYP80	120	3600	4	3	1

FOUNTAIN NOZZLE SHAPES :



APPLICATION :

Submersible fountain pumps are with **stainless pump body for customer option**, both types are equipped with interchangeable nozzles to obtain different water plays.

HORIZON

FOR ENGINEERS WHO
LIKE TO MOVE THE LIMITS





4471

Electric Pressure Washer

100 Bar

	Power (W)	PN(Bar)	Flow(L/Min)	Voltage (V)	Motor type
--	-----------	---------	-------------	-------------	------------

44-2720

1400

100

5.5

220-240

Induction

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



6380

Electric Pressure Washer

150 Bar

	Power (W)	PN(Bar)	Flow(L/Min)	Voltage (V)	Motor type
--	-----------	---------	-------------	-------------	------------

44-2740

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

Electric Pressure Washer

170 Bar

	Power (W)	PN(Bar)	Flow(L/Min)	Voltage (V)	Motor type
--	-----------	---------	-------------	-------------	------------

44-2760

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)
44-2780	150
44-2781	170

Detergent Tank

	Size (ml)	Type (Bar)
44-2785	800	150
44-2786	800	170

Rotary Angle Nozzle

	Angle	Type (Bar)
44-2790	45°	150
44-2790	45°	170

Extension Hose

	Length (M)	Type (Bar)
44-2795	5	150
44-2796	5	170



HORIZON



LOGICFLOW

	Power (max)	Restart Pressure	Operating Temperature (max)	Operating Pressure (max)	Size (Inch)
44-3140	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)
44-3175	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



Bulding
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)
44-3180	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



Bulding
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 PLUS

	Power (max)	Operating Temperature (max)	Operating Pressure (max)	Size (Inch)
44-3182	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)
44-3185	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)
44-3187	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



WATER PRESSURE SWITCH (F-M)

	Voltage	Power (watt)	Size (Inch)
44-3051	220	200	0.5/0.75
44-3052	220	500	1/1
44-3053	220	1500	2/2



WATER PRESSURE CONTROLLER

	Power (max)	Restart Pressure	Operating Temperature (max)	Operating Pressure (max)	Size (Inch)
44-3100	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)
44-3140	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)
44-3150	1.5 HP	1.5-3 Bar	60 °C	10 Bar	1



Water Pump Sensor

	Size (Inch)		Size (Inch)
44-3060	1/1.5	44-3061	2/1.25

**WATER IS LIFE
AND WE MAKE**



LIFE EASIER

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