



**USA  
CATALOG  
60Hz**





# CORE - STOCK PRODUCTS



The ESYBOX MINI 3 is a compact automatic pressurization system designed by DAB for supplying water to a single residence. It ensures a steady water pressure inside the house, and it can be adjusted to your desired pressure between 15 and 80 pounds per square inch (psi).

This system uses advanced VFD technology that helps save energy. You can use it with drinking water and all your household needs, it can even be used for gardening.

The best part is that you don't need any extra parts to install it. It includes a powerful pump, smart electronics, pressure and flow sensors, a clear LCD display, a built-in expansion tank, and a check valve. You can install it vertically or horizontally and its compact size makes it suitable for tight spaces where air circulation may be limited.

In summary, the ESYBOX MINI 3 offers a convenient and efficient solution for maintaining water pressure in a single residence. It ensures comfort, energy savings, while still being easy to install.

## Operating range

capacity up to 21.1 GPM; head up to 180 ft

## Liquid quality requirements

clean, free from solid or abrasive contaminants, non-viscous, non-aggressive, uncrystallised and chemically neutral.

**Liquid temperature range** from 32°F to +104°F

**Maximum suction depth** 26 ft

**Maximum ambient temperature** +122°F

**Maximum operating pressure** 109 psi

**Insulation class** F

**Installation** horizontal or vertical fixed position

## Special versions on request

alternative types of electrical plug

## Certification






Approved to NSF61, 372, UL and CSA standards

# esybox mini<sup>3</sup>

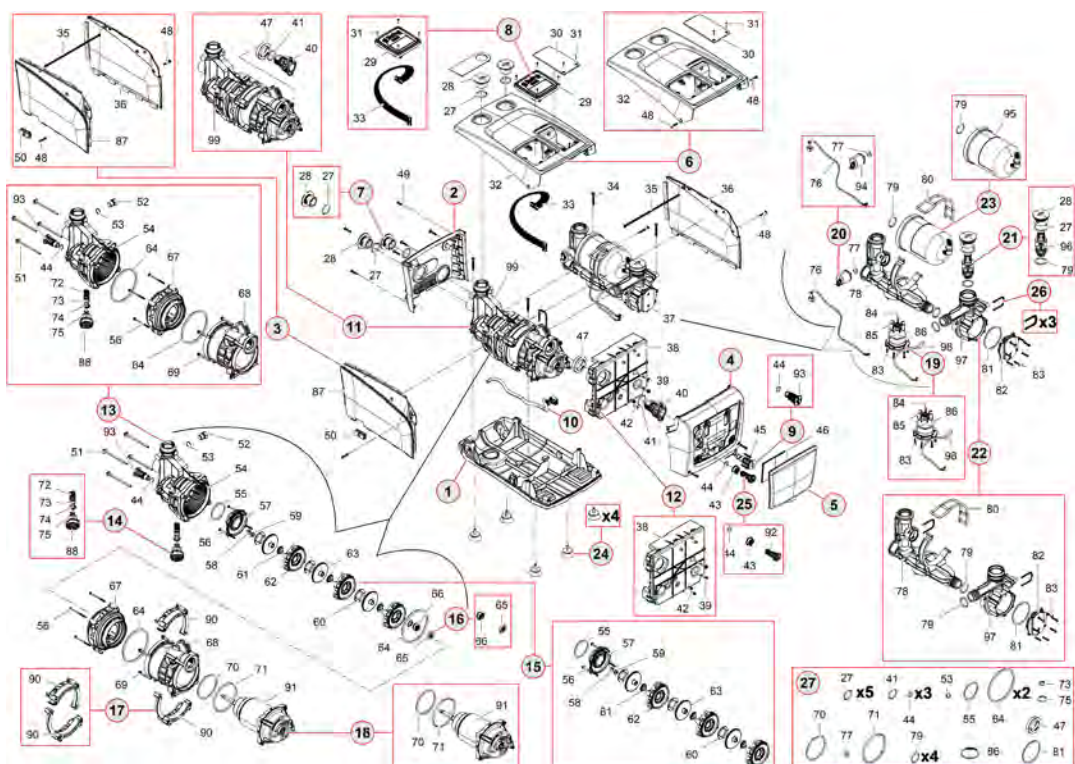
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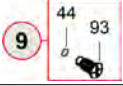
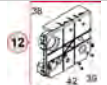

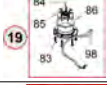



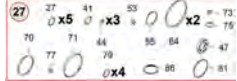
\* By replacing the existing NEMA5-15P plug with a NEMA6-15P plug the pump can operate at 1x208-240 V

MODEL	CODE	N° IMPELLERS	ELECTRICAL DATA				HYDRAULIC DATA										DNA NPT	DNM NPT	Pallet Qty
			VOLTAGE 50 - 60 Hz	P1 MAX		In A	Q=GPM	2.6	5.3	7.9	10.6	13.2	15.8	18.5	21.1				
				kW	HP														
ESYBOX MINI 3 DV NPT USA PLUG	60212610	3	1x115-127V ~ 1x208-240V~	0.85	1.1	9.6 4.8	H (ft)	180	180	161	128	102	75	46	13	1"	1"	18	

ACCESSORIES	MODEL	CODE
	<b>ESYWALL</b> Kit complete with brackets, screws, dowels and two anti-vibration feet for absorption of vibrations.	60161442
	<b>ESYCOVER MINI</b> Esyscover allows the installation of ESYBOX MINI <sup>3</sup> outside, protecting it from rain. <b>Vertical installation only.</b>	60203667
	<b>ESYTWIN MINI</b> Esytwinn is the evolution of Esysdock, of which maintains all the benefits, for the creation of two groups of pumps. Esytwinn offers exceptional performance thanks to possibility of combined operation with a reduced size of 50% compared to any other equivalent traditional system.	60218780
	<b>ESY I/O V2</b> The electronic expansion module allows Esysbox & Esysbox mini3 to interface with the external input/output devices (eg: float switch, pressure switch, remote alarm) and with the BMS world (Building Management System).	TBA
	<b>1" stainless steel Union</b> KIT PIPE UNION 3PCS MF 1" WITH O-RING NPT	60220601





POS #	PARTS	PARTS DESCRIPTION	FOR VERSION	CODE
Pos 8		(SP) HMI ASS.Y	N.4,5	SP00007063
			N.6	SP00007858
Pos 9		(SP) CHARGE PORT CAP	N.2,3,4,5,6	SP00002183
Pos 12		(SP) MAIN ASS.Y DAB	N.5,6	SP00007474
Pos 14		(SP) SELFPRIMING SHUTTER POM	N.2,3,4,5,6	SP00002189
Pos 19		(SP) KIT FLOWMETER	N.2,3,4,5,6	SP00002195
Pos 20		(SP) PRESSURE SENSOR 0-16 BAR	N.2,3,4,5,6	SP00002196
Pos 21		(SP) COMPLETE NVR	N.2,3,4,5,6	SP00002197
Pos 23		(SP) TANK 100cc	N.2,3,4,5,6	SP00002199
Pos 27		(SP) KIT O-RING	N.2,3,4,5,6	SP00002239

# CORE - STOCK PRODUCTS



esybox

ESYBOX is a comprehensive pressurization system developed by DAB for use in homes and residential settings. The great thing about ESYBOX is that it doesn't require any additional components during installation. It combines several key components, including a multistage self-priming pump with electronic inverter control, flow and pressure sensors, a high-resolution LCD display, and an integrated 0.5-gallon expansion tank.

One of the advantages of ESYBOX is its flexibility in installation. It can be mounted both vertically or horizontally, making it suitable for various spaces, even those with limited air circulation.

The system features a water-cooled motor, protective, sound absorbing ABS hull protection, vibration damping feet, and advanced electronics. These advanced features contribute to its quiet operation, producing only 43 decibels of noise. Additionally, ESYBOX offers wireless capabilities, enabling easy creation of multi-pump pressurization units and seamless connectivity with other DAB devices.

In summary, ESYBOX is a reliable and compact pressurization system designed for domestic and residential applications. It simplifies installation by eliminating the need for additional components and offers various features for optimal performance, including quiet operation and wireless connectivity options.

## Operating range

capacity up to 31.7 GPM; head up to 213 ft

## Pumped liquid

clean, free from solids or abrasive, non-aggressive, non-viscous, crystallized and not chemically neutral.

**Maximum liquid temperature** 104°F

**Maximum ambient temperature** 122°F

## Maximum suction depth

self priming up to 26 ft

**Maximum working pressure** 116 psi

**Degree of protection** IP X 4

**Insulation class** F

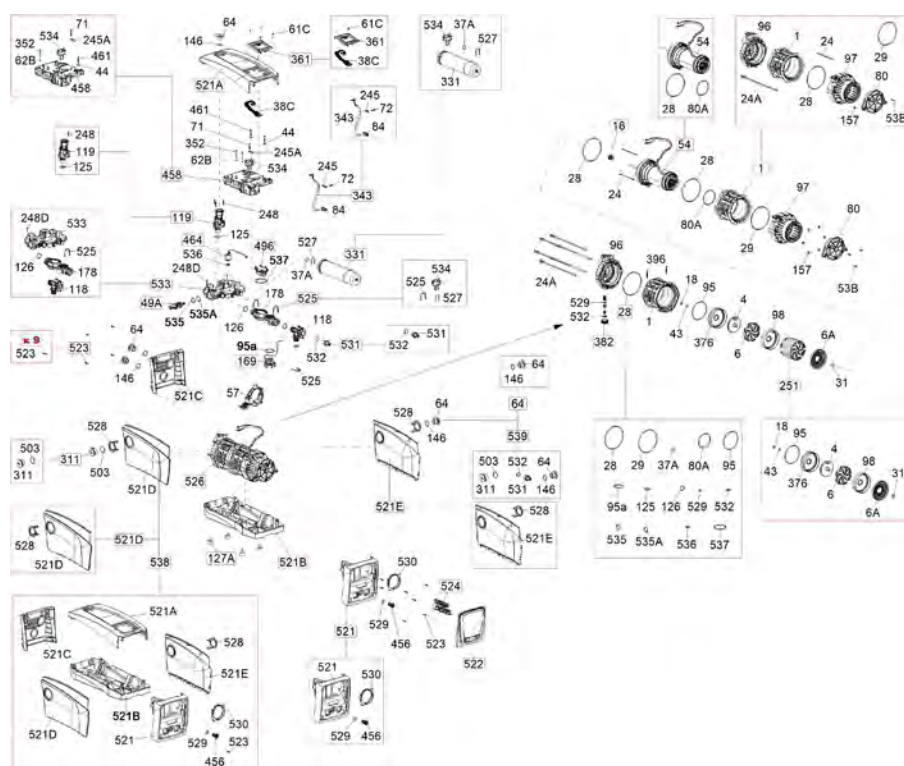
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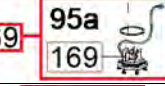

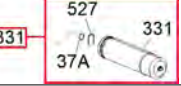

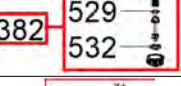
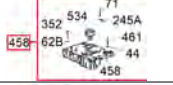
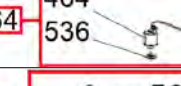

Approved to NSF61, 372, UL and CSA standards

## TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA														Pallet Qty
		VOLTAGE 50 - 60 Hz	P1 MAX		I MAX A	Q=GPM	0	2.6	5.3	7.9	10.6	13.2	15.8	18.5	21.1	23.8	26.4	29	31.7	
			KW	HP																
ESYBOX - NPT US PLUG	60212311	1x220-240V ~	1.55	2.1	9.2	H (ft)	213	208	202	195	187	174	157	136	115	90	62	33	7	6

ACCESSORIES	MODEL	CODE
	<b>ESYWALL</b> Kit complete with brackets, screws, dowels and two anti-vibration feet for absorption of vibrations.	60161442
	<b>ESYCOVER</b> Esyscover allows the installation of ESYBOX outside, protecting it from rain. <b>Vertical installation only.</b>	60203667
	<b>ESYDOCK</b> Thanks to the 4 plumbing configuration possibilities the installation is fast, easy and flexible. It is complete with all the fittings required for connecting to the system. It incorporates anti vibration feet to ensure the same quietness as Esysbox.	60150514
	<b>ESYTWIN</b> Esys twin is the evolution of Esys dock, of which maintains all the benefits, for the creation of two groups of pumps. Esys twin offers exceptional performance thanks to possibility of combined operation with a reduced size of 50% compared to any other equivalent traditional system.	60162081
	<b>ESY I/O V2</b> The electronic expansion module allows Esysbox & Esysbox mini3 to interface with the external input/output devices (eg: float switch, pressure switch, remote alarm) and with the BMS world (Building Management System).	TBA
	<b>1" stainless steel Union</b> KIT PIPE UNION 3PCS MF 1" WITH O-RING NPT	60220601



POS #	PARTS	PARTS DESCRIPTION	FOR VERSION	CODE
Pos 49A		(SP) NON RETURN VALVE GULF TYPE E.SYBOX	N.1,2,3	SP00000148
Pos 127A		(SP) ANTI VIBRATION FEET	N.1,2,3	SP00000145
Pos 169		(SP) FLOWMETER COVER WITH SENSOR E.SYBOX	N.1,2,3	SP00000147
Pos 251		(SP) COMPLETE HYDRAULIC KIT FOR E.SYBOX	N.1,2	SP00000158
		(SP) COMPLETE HYDRAULIC KIT FOR E.SYBOX V2 New	N.3	SP00008451
Pos 331		(SP) WATER TANK GWS 2-LITERS E.SYBOX	N.1,2,3	SP00000146
Pos 361		(SP) HMI SCREEN E.SYBOX	N.1,2	SP00000135
		(SP) HMI SCREEN E.SYBOX V2 new	N.3	SP00008378
Pos 382		(SP) SELF-PRIMING SHUTTER E.SYBOX	N.1,2,3	SP00000159
Pos 458		(SP) MAIN BOARD E.SYBOX	N.1,2	SP00000136
		(SP) MAIN BOARD E.SYBOX V2 New	N.3	SP00008380
Pos 464		(SP) PRESSURE SENSOR ASS. E.SYBOX	N.1,2,3	SP00000150
Pos 531		(SP) FILLING PORT CAP 3/4 GAS E.SYBOX	N.1,2,3	SP00000151

# CORE - STOCK PRODUCTS



The ESYBOX Max is an all-in-one pumping system designed for water pressurization in commercial buildings. It comes in two different power sizes, and you can customize the configuration based on your needs. Whether you need a single, double, triple, or quadruple unit, this system can handle it. It's perfect for medium to large condominiums and even tall buildings with up to 14 floors.

Each unit uses the ESYDOCK Max docking station to connect the pumping unit to the piping system.

The pumping unit itself contains an electronic vertical pump with multiple impellers, a display, a Wi-Fi module, pressure sensors, a non-return valve on the delivery side, and an integrated expansion tank. What's really cool is that you can assemble the unit right at the installation site, thanks to the innovative docking station and wireless communication between the pumps. One person can handle the assembly easily.

The system uses a variable frequency drive, which adjusts the motor's speed to maintain a constant pressure. Plus, it has a water-cooled permanent magnet motor, which means it's more efficient and can save energy. The large display makes it easy to configure the system's settings, and you can even view them from your smartphone using the DConnect app or access them remotely through the DConnect service.

If you need to interface the ESYBOX max with a BMS (Building Management System), there's an expansion module available called esy I/O that you can use as an accessory.

**Flow rate** up to 76.6 GPM (single pump unit)

**Head** 371 ft

**Type of pumped liquid** clean, free from solid or abrasive substances, non-viscous, non-aggressive, non-crystallized and chemically neutral

**Maximum liquid temperature** +104°F (40°C)

**Maximum room temperature** +113°F (45°C)

**Maximum inlet pressure** 73 psi

**Nominal pressure (PN)** 174 psi

**Constant pressure range**  
15-174 psi (44 psi by default)

**Motor protection class** IP X5

**Motor insulation class** F

**Impeller material** technopolymer

**Single phase power input** 208-240 V 50/60 Hz

**Three phase power input** 380-480 V 50/60 Hz

**Type of installation** fixed in vertical position





## Certification

Approved to NSF61, 372, UL and CSA standards

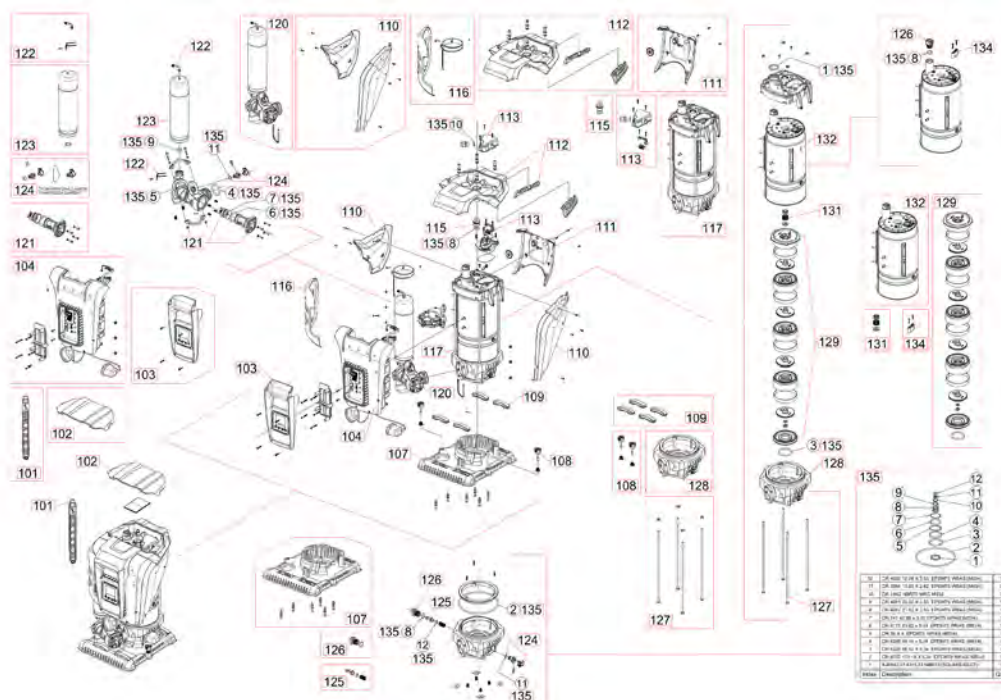
## esybox max






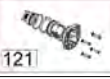
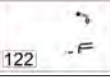


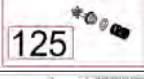

## TECHNICAL DATA

MODEL (only pump unit)	CODE	ELECTRICAL DATA						Max flow gpm	Max Head Ft	inlet and outlet NPT	WEIGHT lbs	Pallet Qty
		N° IMPELLERS	VOLTAGE 50 - 60 Hz	P1 MAX		In A	SET POINT PSI					
				kW	HP							
ESYBOX MAX 45/120 M - CSA	60217370	3	1x208-240 V ~	1.97	2.68	9.4	15 -174	63	195	1"1/4 / 2"	63.9	6
ESYBOX MAX 60/120 M - CSA	60207561	3	1x208-240 V ~	2.68	3.6	12.5 -11.5	15 -174	76	227	1"1/4 / 2"	63.9	6
ESYBOX MAX 60/120 T - CSA	60207560	3	3x380-480 V ~	2.65	3.5	4.4	15 -174	76	227	1"1/4 / 2"	63.9	6
ESYBOX MAX 85/120 T- CSA	60207559	4	3x380-480 V ~	3.50	4.7	5.6	15 -174	76	316	1"1/4 / 2"	66.1	6

ACCESSORIES	MODEL	CODE
	<b>ESYDOCK MAX</b> SINGLE PUMP DOCK WITH 2" NPT THREADS	60199045
	<b>2 ESYDOCK MAX</b> TWIN PUMP DOCK WITH 2" NPT THREADS	60199055
	<b>3 ESYDOCK MAX</b> TRIPPLE PUMP DOCK WITH 2" NPT THREADS	60199056
	<b>ESY I/O</b> The electronic expansion module allows ESYBOX to interface with the external input/output devices (eg: float switch, pressure switch, remote alarm) and with the BMS world (Building Management System).	60206085





POS #	PARTS	PARTS DESCRIPTION	FOR VERSION	CODE
Pos 102		(SP) ESYBOXMAX - TOP COVER	All ESYBox Max Range	SP00006685
Pos 103		(SP) ESYBOXMAX - HMI ASS.Y 60/120 M CSA	EsyBox Max 45 & 60/120 M	SP00007136
		(SP) ESYBOXMAX - HMI ASS.Y 60/120 T CSA	EsyBox Max 60/120 T	SP00007137
		(SP) ESYBOXMAX - HMI ASS.Y 85/120 T CSA	EsyBox Max 85/120 T	SP00007138
Pos 104		(SP) ESYBOXMAX - MAIN BOARD ASS.Y 1PH CSA	EsyBox Max Single phase	SP00007140
		(SP) ESYBOXMAX - MAIN BOARD ASS.Y 3PH CSA	EsyBox Max Three phase	SP00007139
Pos 115		(SP) EYEBOLT 3/4"	All ESYBox Max Range	SP00006698
Pos 116		(SP) ESYBOXMAX - TANK HULL	All ESYBox Max Range	SP00006699
Pos 121		(SP) ESYBOXMAX - NRV GROUP	All ESYBox Max Range	SP00006704
Pos 122		(SP) SCHRADER AIR VALVE 90°	All ESYBox Max Range	SP00006705
Pos 123		(SP) WATER TANK 2L	All ESYBox Max Range	SP00006706
Pos 124		(SP) PRESSURE SENSOR 0-16Bar 0,5-3,5V	All ESYBox Max Range	SP00008137
Pos 125		(SP) SELFPRIMING SHUTTER	All ESYBox Max Range	SP00006708
Pos 135		(SP) ESYBOX MAX- O RING KIT	All ESYBox Max Range	SP00006718



# CORE - STOCK PRODUCTS



The esybox diver is a powerful 7-inch pump that uses advanced electronics and a variable frequency drive to provide clean water from wells, tanks, or cisterns to your home.

You can use the pump in different ways - it can be submerged, partially submerged, or even used on the surface when paired with the DOC68 accessory (sold separately).

This pump is perfect for pressurization, rainwater re-use, gardening, and irrigation in residential buildings. It has a built-in variable frequency drive that adjusts its operation based on the system's needs. It also features a non-return valve and a stainless steel handle for easy transport.

The electronic system protects against dry running, and the variable frequency drive helps save energy. You can adjust the suction height up to 3.1 inches from the bottom. Plus, you can connect a float or a level sensor without opening the pump, thanks to the NFC (Near Field Communication) pocket that maintains a watertight seal.

The pump includes an expansion tank. With the included DConnect Box 2's built in WiFi and the DConnect app for Android or iOS, you can control the pump directly from your smartphone.

The whole pump is IP 68 certified, meaning it's protected against dust and can be used on the surface with flooded suction.

**Flow rate maximum** 31.7 GPM

**Head up to** 180 ft

**Maximum immersion depth**

39 ft standard version

**Type of pumped liquid** clean, free from solid or abrasive substances, non-viscous, non-aggressive, non-crystallized and chemically neutral.

**Free passage** 0.1 in

**Liquid temperature range from**

+32°F to +122°F

**Set cut-in** 35 psi (+/-3)

**Outlet connection** thread 1" 1/4

**Pump maximum diameter** 7.3 in

**Protection class** IP 68

**Motor insulation class** F

**Power cable and plug** 49 ft

**Possible type of installation** fixed, horizontal or vertical. Submerged or semi-submerged. It can be installed on the surface, under the water level, or outside in a vertical position with the DOC68 accessory (supplied separately).





**Certification**

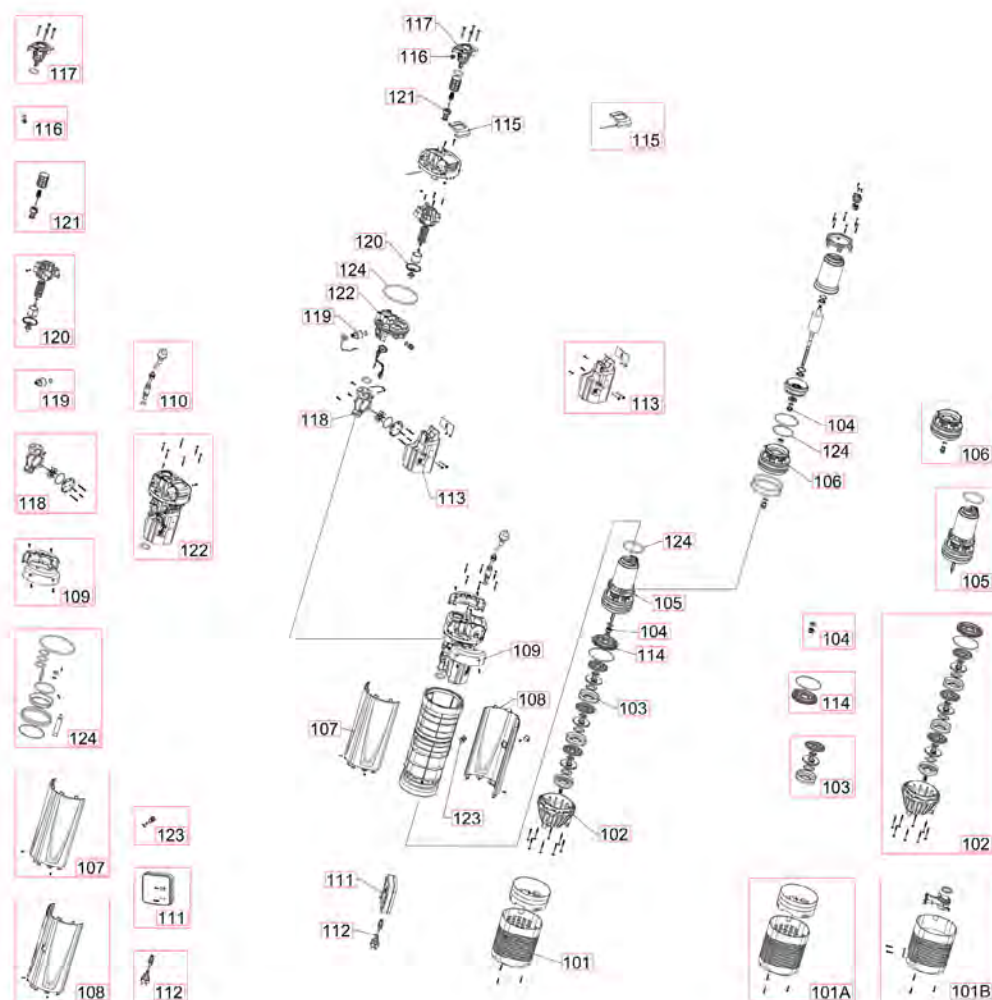
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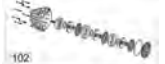


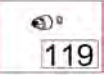

## esybox DIVER

### TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA				HYDRAULIC DATA														Pallet Qty
		VOLTAGE	P1 MAX KW	P2 NOMINAL KW	P2 NOMINAL HP	In A	Q=GPM	0	2.6	5.3	7.9	10.6	13.2	15.8	18.5	21.1	23.8	26.4	29	
ESYBOX DIVER	60197922	1 x 220-240 V ~	1.3	0.95	1.3	5.5	H (ft)	180	180	180	180	180	180	174	144	112	85	56	25	15
ESYBOX DIVER X	60202768	1 x 220-240 V ~	1.3	0.95	1.3	5.5	H (ft)	180	180	180	180	180	180	174	144	112	85	56	25	15

ACCESSORIES	MODEL	CODE
	<b>D*CONNECT BOX 2</b> Thanks to DConnect Box 2 and the new App you can check the pump, set the starting and stopping parameters, view the details of alarms and monitor the status of the system directly on your smartphone. (included with Esybox Diver).	60198037 NEMA 6 PLUG to 230v NEMA 6/15P
	<b>NFC WATER LEVEL MEASUREMENT</b> Only connected to the DConnect Box 2, controls the level of water in the tank and notifies the user of the level via an App. (Only for DTron 3 and Esybox diver).	60184570
	<b>NFC FLOAT</b> Detects the level of water in a tank, preventing emptying of the latter and seizing of the pump avoiding the dry running, due to too low a level of water.	60184577
	<b>DOC68</b> The DOC68 permits installation of the DTron and Esybox Diver even outdoors as an IP68 certified surface pump.	60192276



POS #	PARTS	PARTS DESCRIPTION	FOR VERSION	CODE
Pos 101	 	(SP) ESYBOX DIVER - FILTER BASE	EsyBox Diver N 1.	SP00005042
		(SP) ESYBOX DIVER FILTER BASE X NPT VERSION	EsyBox Diver X version N 1.	SP00006823
Pos 102		(SP) ESYBOX DIVER - HYDRAULIC KIT	EsyBox Diver N 1.	SP00005662
Pos 113		(SP) ESYBOX DIVER - PCB 220v60Hz 1PH CSA	EsyBox Diver N 1.	SP00005667
Pos 118		(SP) ESYBOX DIVER - FLOW SENSOR	EsyBox Diver N 1.	SP00005669
Pos 119		(SP) ESYBOX DIVER - PRESSURE SENSOR 0-10 Bar	EsyBox Diver N 1.	SP00005057
Pos 121		(SP) ESYBOX DIVER - NRV - CHECK VALVE	EsyBox Diver N 1.	SP00005059

# CORE - STOCK PRODUCTS



## DTRON 2

The DTRON 2 is a powerful submersible pump that's perfect for various water applications. It's designed to be used in water wells, tanks, or cisterns, and it's ideal for residential buildings. With its 7" size, it can efficiently pressurize water, collect rainwater for reuse, and support gardening and irrigation needs.

The pump comes with convenient features that make it user-friendly and reliable. The integrated pressure switch and flow switch, along with the electronic board, ensure automatic operation, allowing the pump to turn on and off as needed. It also has dry running protection to prevent damage.

Transporting and installing the pump is a breeze, thanks to its double mechanical seal, non-return valve, and handle. These features make it easy to move around and set up. Plus, the innovative modular design allows for separate disassembly of the hydraulic part, motor, electrical part, and filter, making maintenance activities simple.

To accommodate different water levels, the suction height of the pump can be adjusted up to 3.1 inches using the included accessory. Additionally, the pump is equipped with NFC (Near Field Communication) pocket, which allows you to connect a float without compromising the watertight seal of the pump.

The integrated expansion tank provides water hammer protection, eliminating the need for an additional expansion tank. The cable also has a quick coupling for easy installation inside the tank or cistern.

If you need to use it as a surface pump with flooded suction, you can do so by using the separately supplied accessory called DOC68

**Maximum immersion depth** 39 ft

**Type of pumped liquid** clean, free from solid or abrasive substances, non-viscous, non-aggressive, non-crystallized and chemically neutral.

**Free passage** 0.1 in

**Liquid temperature range from** 32°F to +122°F

**Maximum immersion depth** 49 ft

**Set cut-in** 35 psi

**Outlet connection** thread 1" 1/4

**Pump maximum diameter** 7.3 in

**Protection class** IP 68

**Motor insulation class** F

**Power cable with plug** 49 ft




**Possible type of installation** fixed, horizontal or vertical. Submerged or semi-submerged. It can be installed on the surface, under the water level, or outside in a vertical position with the DOC68 accessory (supplied separately).

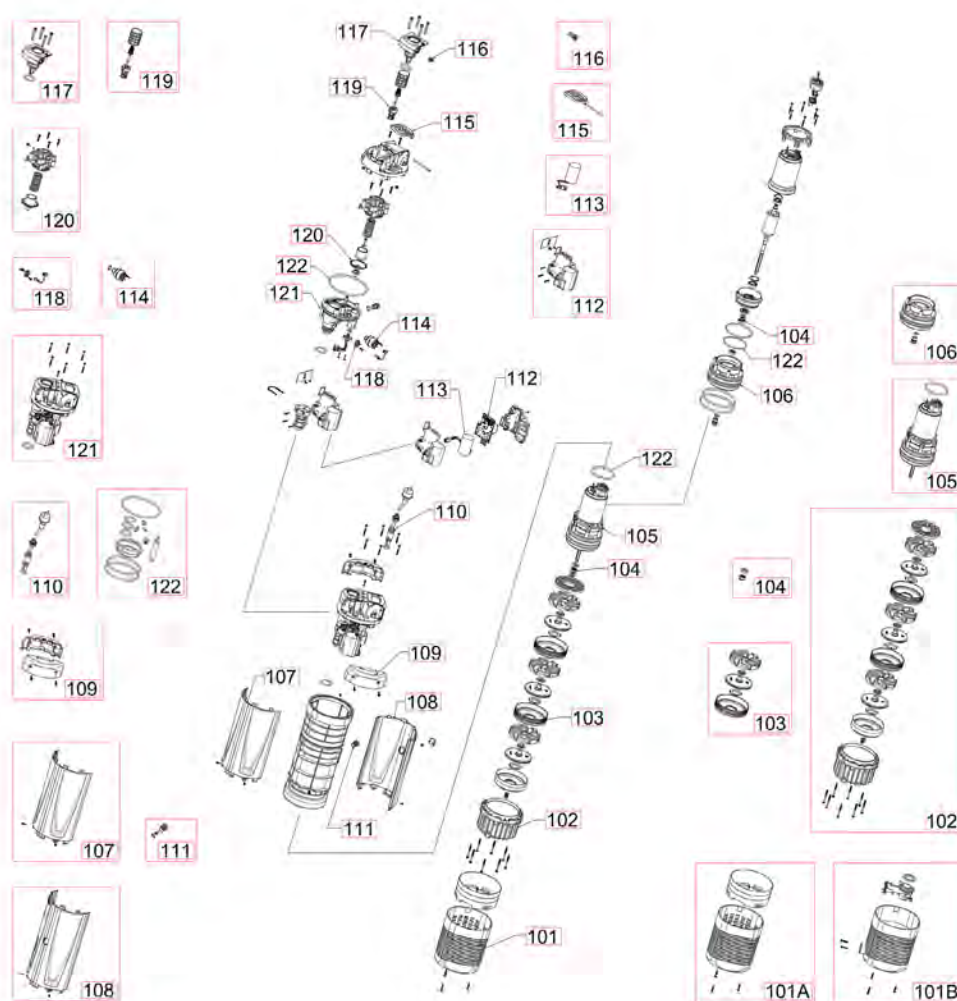
**Certification**



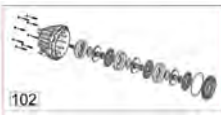




Approved to NSF61, 372, UL and CSA standards

## TECHNICAL DATA

MODEL	CODE	VOLTAGE 60 Hz	P2 NOMINAL		P1 MAX W	In A	Max Head ft	Max Flow gpm	Pallet Qty
			kW	HP					
DTRON2 35/90 - 115V/60HZ NPT - NSF	60197689	115/60	0.52	0.7	750	7.4	118	26	15
DTRON2 45/90 - 115V/60HZ NPT - NSF	60195643	115/60	0.67	0.9	1050	9.7	134	26	15
DTRON2 35/120 - 115V/60HZ NPT - NSF	60197690	115/60	0.67	0.9	950	8.8	146	34	15

ACCESSORIES	DESCRIPTION	CODE
	<b>NFC FLOAT</b> Detects the level of water in a tank, preventing emptying of the latter and seizing of the pump avoiding the dry running, due to too low a level of water.	60184577
	<b>DOC68</b> The DOC68 permits installation of the DTron and Eskybox Diver even outdoors as an IP68 certified surface pump.	60192276
	<b>SUCTION KIT NPT X</b> The 1" NPT floating extrator suction hose kit is 3ft long with a suction strainer	60214859



POS #	PARTS	PARTS DESCRIPTION	FOR VERSION	CODE
Pos 101	 	(SP) FILTER BASE	DTRON2 N 1,2	SP00005042
		(SP) FILTER BASE X NPT VERSION	DTRON2 X version N 1,2	SP00006823
Pos 102		(SP) HYDRAULIC KIT 35/90 60Hz	DTRON2 35/90 N 1.	SP00006831
		(SP) HYDRAULIC KIT 45/90 60Hz	DTRON2 45/90 N 1,2	SP00006829
		(SP) HYDRAULIC KIT 35/120 60Hz	DTRON2 35/120 N 1,2	SP00006830
Pos 112		(SP) PCB DTRON2 115v60Hz 1PH CSA	DTRON2 N 1,2	SP00006807
Pos 113		(SP) CAPACITOR S0 35UF 275V	DTRON2 N 1,2	SP00006811
Pos 114		(SP) PRESSURE SWITCH 2.4 Bar	DTRON2 N 1,2	SP00005070
Pos 119		(SP) NRV - CHECK VALVE	DTRON2 N 1,2	SP00005316



# CORE - STOCK PRODUCTS



## DTRON 3

The DTRON 3 is an advanced 7" electronic submersible pump with multiple impellers. It's specifically designed for clean water applications and can be used in wells, cisterns, or tanks. The versatility of this pump allows it to be used submerged, partially submerged, or even on the surface when paired with the DOC68 accessory.

This pump is perfect for residential buildings as it offers various services. It can efficiently pressurize water, facilitate the reuse of rainwater, and support gardening and irrigation activities.

With its built-in pressure sensor and flow meter integrated into the electronic board, the pump operates automatically. It can turn on and off as needed and has dry running protection to prevent damage. The inclusion of a double mechanical seal, non-return valve, and handle makes transporting and installing the pump a breeze.

Adjusting the suction height is a simple task, thanks to the special accessory provided as standard. It allows you to adjust the suction height from the bottom up to 3.1 inches. Additionally, the NFC (Near Field Communication) pocket enables you to connect a float without compromising the watertight seal of the pump. The starting pressure is adjustable through the Com Box, supplied as standard.

To protect against water hammer, the pump comes with an integrated expansion tank. The cable is equipped with a quick coupling, making installation inside the tank or cistern easier.

If you need to use it as a surface pump with flooded suction, you can do so by using the separately supplied DOC68 accessory.

**Maximum immersion depth** 39 ft

**Type of pumped liquid** clean, free from solid or abrasive substances, non-viscous, non-aggressive, non-crystallized and chemically neutral

**Free passage** 0.1 in

**Liquid temperature range from** 32 F to +122F

**Maximum immersion depth** 49 ft

**Set cut-in** 35 psi

**Outlet connection** Thread 1" 1/4

**Pump maximum diameter** 7.3 in

**Protection class** IP 68

**Motor insulation class** F

**Power cable with plug** 39 ft




**Possible type of installation** fixed, horizontal or vertical. Submerged or semi-submerged. It can be installed on the surface, under the water level, or outside in a vertical position with the DOC68 accessory (supplied separately).

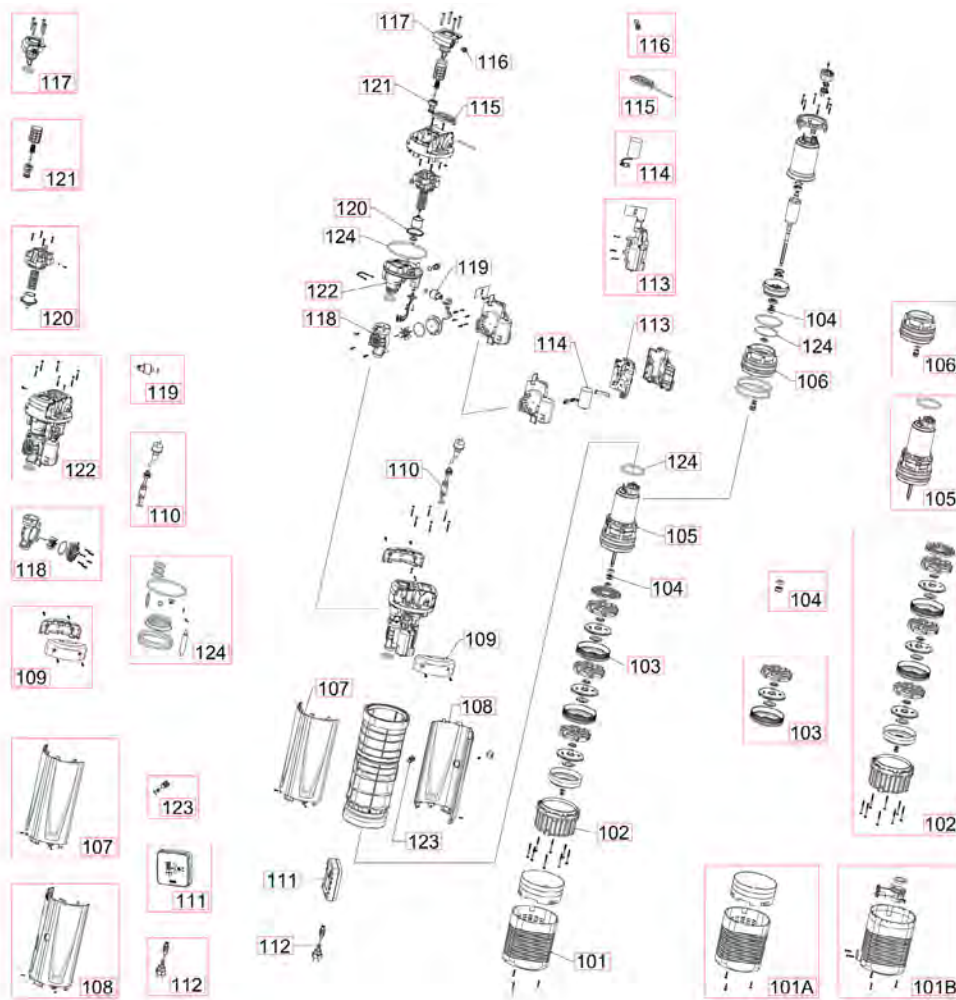
### Certification



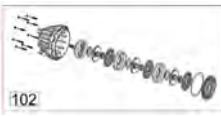




Approved to NSF61, 372, UL and CSA standards

## TECHNICAL DATA

MODEL	CODE	VOLTAGE 60 Hz	P2 NOMINAL		P1 MAX W	In A	Max Head ft	Max Flow gpm	Pallet Qty
			kW	HP					
DTRON3 35/90 - 115V/60HZ NPT - NSF	60197699	115/60	0.52	0.7	750	7.4	118	26	15
DTRON3 45/90 - 115V/60HZ NPT- NSF	60195642	115/60	0.67	0.9	1050	9.7	134	26	15
DTRON3 35/120 - 115V/60HZ NPT - NSF	60197703	115/60	0.67	0.9	950	8.8	146	34	15

ACCESSORIES	DESCRIPTION	CODE
	<b>NFC WATER LEVEL MEASUREMENT</b> Only connected to the DConnect Box 2, controls the level of water in the tank and notifies the user of the level via an App. (Only for DTron 3 and Esybox diver).	60184570
	<b>NFC FLOAT</b> Detects the level of water in a tank, preventing emptying of the latter and seizing of the pump avoiding the dry running, due to too low a level of water.	60184577
	<b>DOC68</b> The DOC68 permits installation of the DTron and Esybox Diver even outdoors as an IP68 certified surface pump.	60192276



POS #	PARTS	PARTS DESCRIPTION	FOR VERSION	CODE
Pos 101	 	(SP) FILTER BASE	DTRON3 N 1,2	SP00005042
		(SP) FILTER BASE X NPT VERSION	DTRON3 X version N 1.	SP00006823
Pos 102		(SP) HYDRAULIC KIT 35/90 60Hz	DTRON3 35/90 N 1.	SP00006831
		(SP) HYDRAULIC KIT 45/90 60Hz	DTRON3 45/90 N 1,2	SP00006829
		(SP) HYDRAULIC KIT 35/120 60Hz	DTRON3 35/120 N 1,2	SP00006830
Pos 113		(SP) PCB DTRON3 115v60Hz 1PH CSA	DTRON3 N 1,2	SP00006806
Pos 114		(SP) CAPACITOR S0 35UF 275V	DTRON3 N 1,2	SP00006811
Pos 119		(SP) ESYBOX DIVER - PRESSURE SENSOR 0-10 Bar	DTRON3 N 1,2	SP00005057
Pos 121		(SP) NRV - CHECK VALVE	DTRON3 N 1,2	SP00005059

## CORE - STOCK PRODUCTS



JET 150-200 PS

# JET

The JET is a self-priming centrifugal pump that can efficiently lift water, even when there's air bubbles present, down to a maximum depth of 29ft. It's specifically designed for water supply in homes, gardening, and any other situation where you need that self-priming functionality.

The JET comes with a durable cast iron pump body and motor support, along with a technopolymer impeller, diffuser, Venturi tube, and sand guard. It's built tough. Plus, it includes stainless steel adjustment rings for added stability. To ensure reliable operation, the pump is equipped with a carbon/ceramic mechanical seal.

The JET features an asynchronous motor that's enclosed and cooled by external ventilation. It's got built-in thermal and current overload protection, and in the single-phase version, the capacitor stays on permanently.

On top of all that, the JET comes with a pressure switch, making it a self-priming pump that kicks into action based on your desired pressure settings.

### Operating range

from 1.8 to 46.2 GPM with head up to 203 ft

**Liquid quality requirements** clean, free from solid or abrasive contaminants, non-viscous, non-aggressive, uncrystallised and chemically neutral, close to the properties of water.

**Liquid temperature range** from 32°F to +104°F

**Maximum ambient temperature** +104°F

**Maximum operating pressure** 116 psi

**Installation** fixed in a horizontal position.

### Special executions on request

different frequencies and/or voltage.

**Motor protection rating** IP 44

**Terminal block protection rating** IP 55

**Insulation class** F

## TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA							Pallet Qty
		VOLTAGE 60 Hz	P1 MÁX kW	P2 NOMINAL		In A	CAPACITOR		
				kW	HP		µF	Vc	
JET 150-PS	102166230.	1X230 V~	1.7	1.1	1.5	8	31.5	450	6
JET 200-PS	102166240.	1X230 V~	2.4	1.5	2	11	40	450	6

## MTO - SEASONAL PRODUCTS

# JET



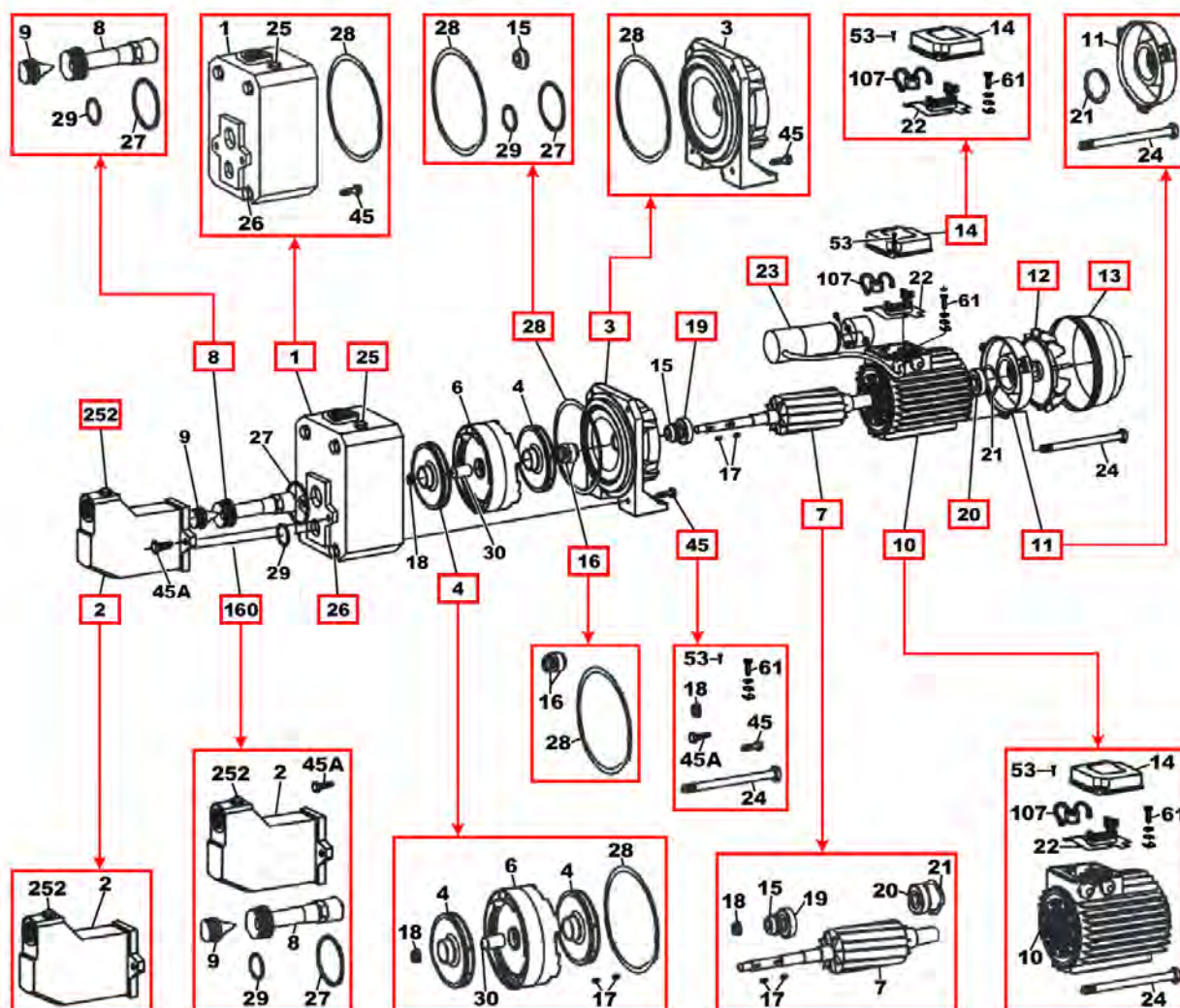
JET 50-75-100 PS








JET 300 PS

## TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA							Pallet Qty
		VOLTAGE 60 Hz	P1 MÁX kW	P2 NOMINAL		In A	CAPACITOR		
				kW	HP		µF	Vc	
JET 50-PS	102668110.	1X115/230 V~	0.93	0.37	0.5	8.21- 4.22	50	450	18
JET 75-1-PS	102668140.	1X115/230 V~	0.95	0.56	0.75	8.55 - 4.33	50	250	18
JET 100-1-PS	102668150.	1X115/230 V~	1.57	0.75	1	14.7 - 7.52	80	250	18
JET 300-PS	102166250.	1X230 V~	2.65	2.2	3	12	40	450	6



POS #	PARTS	PARTS DESCRIPTION	FOR VERSION	CODE
Pos 4		(SP) IMPELLER KIT JET	JET 150 M 60 HZ USA	R00008207
		(SP) IMPELLER KIT JET	JET 200 M 60 HZ USA	R00008214
Pos 16		(SP) MECHANICAL SEAL KIT D.13	JET 50 / 72-1 / 100-1 60HZ	R00009475
		(SP) MECHANICAL SEAL KIT D.15	JET 150 / JET 200 M 60HZ USA	R00007849
		(SP) MECHANICAL SEAL KIT D.17	JET 300 M 60HZ	R00005210
Pos 23		(SP) CAPACITOR 50uF	JET 50 /75-1 M 60HZ USA	R00009643
		(SP) CAPACITOR 80uF	JET 100-1 M 60HZ USA	R00010692
		(SP) CAPACITOR 31.5uF	JET 150 M 60HZ USA	R00008206
		(SP) CAPACITOR 40uF	JET 200 M & JET 300 M USA	R00010175



# MTO - SEASONAL PRODUCTS

## EUROINOX

### MULTISTAGE CENTRIFUGAL PUMPS



Multistage horizontal centrifugal pump, featuring extremely silent running suitable for domestic use for water supply and pressurisation, irrigation of gardens and vegetable gardens, and moving water in general.

**Euroinox:** stainless steel pump body.

Motor support in die-cast aluminium, seal holder in AISI 304 steel. Mechanical seal in carbon/ceramic. Rotor shaft in AISI 304 steel. Rotors, diffuser bodies and diffusers in technopolymer. Adjustment rings in stainless steel.

**Protection level of motor** IP 44

**Protection level of terminal board** IP 55

**Insulation class** F

**Operating range** from 2.6 to 31.7 GPM with a head of up to 236 ft

**Pumped liquid characteristics** clean, free from solid or abrasive substances, non viscous, non aggressive, non crystallised, chemically neutral and close to the characteristics of water

**Liquid temperature range**

from 32°F to +95°F for domestic use

(EN 60335-2-41)

from 32°F to +104°F for other uses


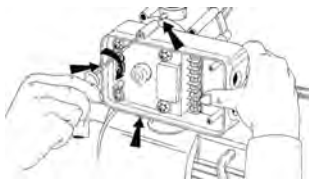

**Maximum ambient temperature** +104°F

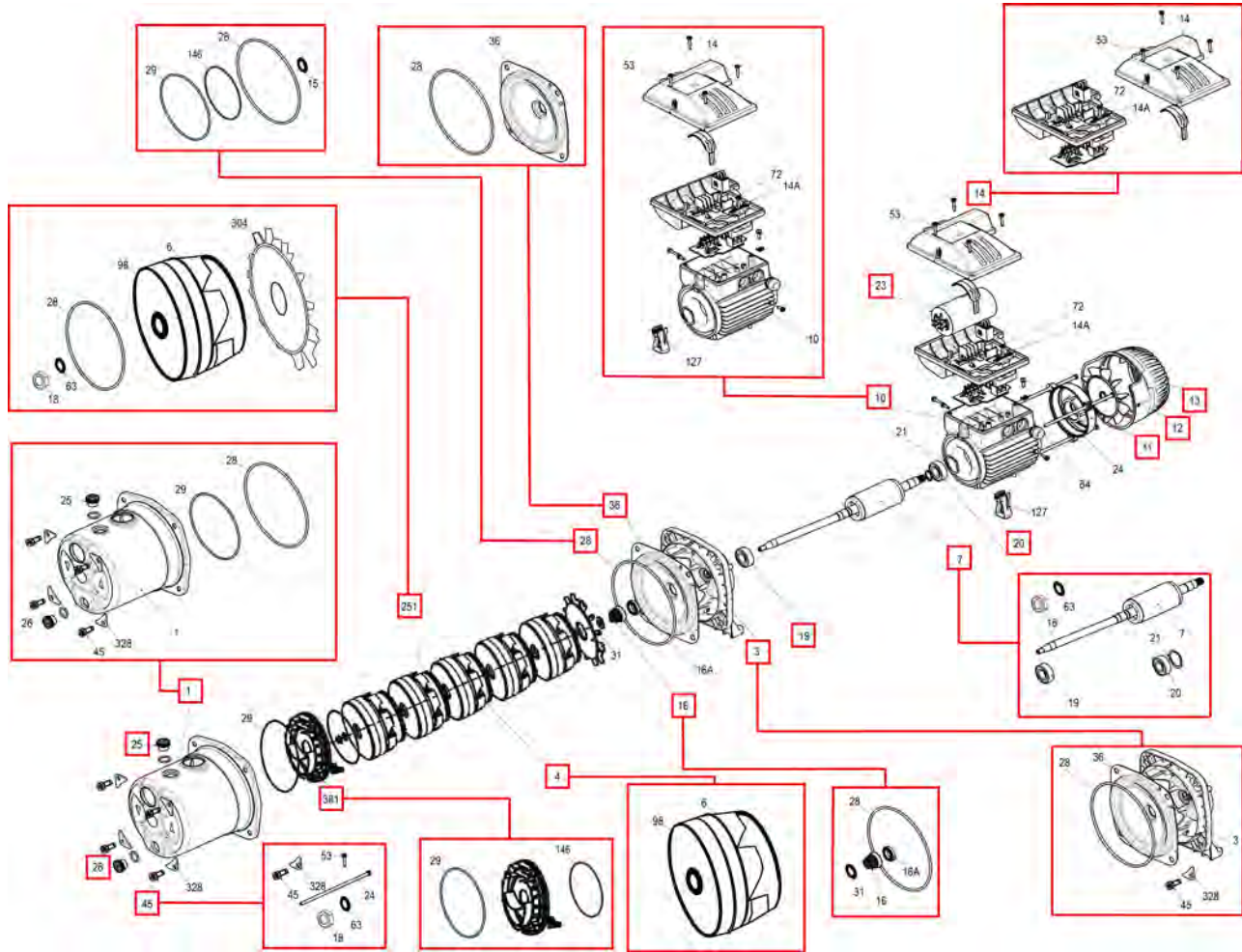
**Maximum operating pressure** 116 psi

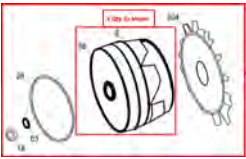
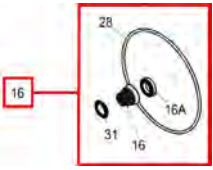
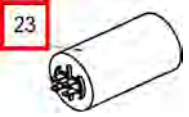
**Euroinox** self-priming

### TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA							Pallet Qty
		VOLTAGE 60 Hz	P1 MÁX kW	P2 NOMINAL		In A	CAPACITOR		
				kW	HP		µF	Vc	
EUROINOX 30/506 M	60119514	1X115/230 V~ dual VOLTAGE	0.94	0.5	0.75	8.31- 4.28	50	250	28
EUROINOX 40/506 M	60119515	1X115/230 V~ dual VOLTAGE	1.3	0.8	1.1	13.0- 6.6	80	250	28
EUROINOX 50/506 M	60119516	1X115/230 V~ dual VOLTAGE	1.5	1	1.36	14.6- 7.4	80	250	28
EUROINOX 40/806 M	60119519	1X115/230 V~ dual VOLTAGE	1.5	1.1	1.36	14.6- 7.4	80	250	28

DEVICE FOR CONTROL AND PROTECTION OF THE PUMP	DESCRIPTION	MODEL	CODE
 <b>MASCONTROL</b>	Can be used with either 115 Vac or 230 Vac. Starts and stops the pump depending on opening and closing of the taps. It has 1"1/4 male connections to guarantee a higher flow rate. Stops the pump in case of a water shortage and protects it from dry running. Is equipped with automatic restarts in case of failure and anti-jamming function. No need for an expansion tank, check valve, filter or fittings. Can be installed on surface and submersible pumps up to 16 amps Maintenance free.	<b>MCDV232101 1" 32 PS</b>	109640410
		<b>MCDV242101 1" 44 PS</b>	109640420
		<b>MCDV232114 1 1/4" 32 PSI</b>	109640450
		<b>MCDV242114 1 1/4" 44 PSI</b>	109640460
 <b>REPLACEMENT ELECTRONIC BOX</b>	Replacement dual voltage 115/230v Electric Box for MASCONTROL & CONTROLPRESS pump controllers	<b>REPLACEMENT ELECTRIC BOX</b>	140049040
 <b>CONTROLPRESS</b>	Can be used with either 115 Vac or 230 Vac. Starts and stops the pump depending on opening and closing of the taps. It allows to reduce the maximum pressure of the pump and to set the working pressure. Stops the pump in case of a water shortage and protects it from dry running. Is equipped with automatic restart in case of failure and anti-jamming function. No need for an expansion tank, check valve, filter or fittings. Can be installed on surface and submersible pumps up to 16 amps.	<b>MCDV114PR 1 1/4" 35-100 PSI</b>	109640360



POS #	PARTS	PARTS DESCRIPTION	FOR VERSION	CODE
Pos 251		(SP) HYDRAULIC KIT EUROINOX	EUROINOX 30/506	R00008389
		(SP) HYDRAULIC KIT EUROINOX	EUROINOX 40/506	R00008405
		(SP) HYDRAULIC KIT EUROINOX	EUROINOX 50/506	R00008405
		(SP) HYDRAULIC KIT EUROINOX	EUROINOX 40/806	R00008394
Pos 16		(SP) MECHANICAL SEAL KIT D.15	EUROINOX Range	R00008800
Pos 23		(SP) CAPACITOR 50uF	EUROINOX 30/506	R00009643
		(SP) CAPACITOR 80uF	EUROINOX 40/506 & 50/506 M EUROINOX 40/806 M	R00010692

# MTO - SEASONAL PRODUCTS



# JETCOM

Self-priming centrifugal pump with excellent suction capacity even when there are air bubbles. Particularly suitable for water supply in domestic installations, small-scale agriculture, gardening and wherever self-priming operation is necessary.

**Jetcom:** technopolymer pump body.

Motor support in cast iron, technopolymer impeller, diffuser, Venturi tube and sand guard. Stainless steel adjustment rings.

Carbon/ceramic mechanical seal. Asynchronous motor closed and cooled by external ventilation.

Built-in thermal and current overload protection and a capacitor permanently on in the single-phase version. For the protection of the three-phase motor it is advisable to use a suitable overload protection complying with the regulations in force.

**Operating range** from 1.8 to 23.3 GPM with head up to 173 ft

**Liquid temperature range**  
from 32°F to +104°F for other use

**Pumped liquid characteristics** clean, free from solids or abrasive substances, non-viscous, non-aggressive, non-crystallised and chemically neutral.

**Maximum ambient temperature** +104°F



**Maximum working pressure**  
87 psi

**Protection level**  
IP 44 (IP 55 terminal board protection)

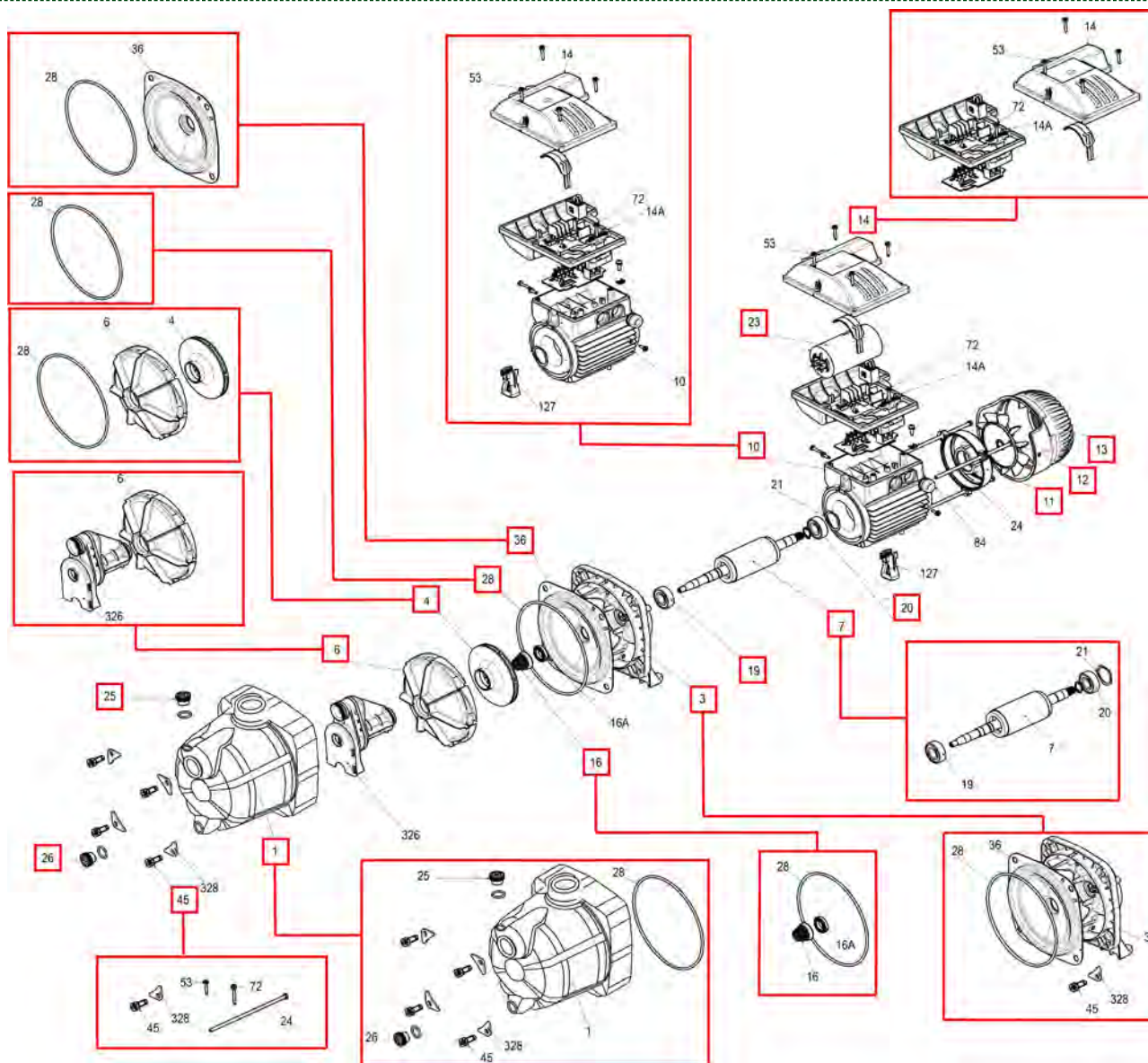
**Insulation class** F

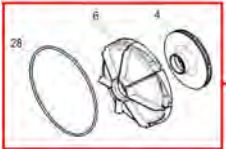


## TECHNICAL DATA - JETCOM

MODEL	CODE	ELECTRICAL DATA							Pallet Qty
		VOLTAGE 60 Hz	P1 MÁX kW	P2 NOMINAL		In A	CAPACITOR		
				kW	HP		µF	Vc	
JETCOM 62 M	60119498	1X115/230 V ~ dual VOLTAGE	0.93	0.44	0.6	6.53- 5.25	50	450	28
JETCOM 82 M	60119499	1X115/230 V ~ dual VOLTAGE	0.93	0.5	0.8	8.21- 4.22	50	450	28
JETCOM 102 M	60119500	1X115/230 V ~ dual VOLTAGE	1.12	0.75	1	10.3- 5.25	50	450	28
JETCOM 132 M	60119501	1X115/230 V ~ dual VOLTAGE	1.57	1	1.36	14.7- 7.52	80	450	28

JET ACCESSORIES	DESCRIPTION	CODE	BAR CODE
	FA5 - CLEAR FILTER HOUSING	LP030001	8013415002080
	CRL5 - SEDIMENT FILTER, MESH 60 MICRON	P1591052	8013415001816





POS #	PARTS	PARTS DESCRIPTION	FOR VERSION	CODE
Pos 4		(SP) IMPELLER KIT JET	JET COM 62 & 82	R00008164
		(SP) IMPELLER KIT JET	JET COM 102	R00010072
		(SP) IMPELLER KIT JET	JET COM 132	R00008178
Pos 16		(SP) MECHANICAL SEAL KIT D.13	JET COM 62 -82-102-132	R00010429
Pos 23		(SP) CAPACITOR 40uF	JET COM 62 M	R00010752
		(SP) CAPACITOR 50uF	JET COM 82 M	R00009643
		(SP) CAPACITOR 80uF	JET COM 102 & 132 M	R00010692



# CORE - STOCK PRODUCTS



## S3

Introducing the S3, a remarkable 3-inch Submersible Multi-Impeller Pump! This pump is all set to go, providing the perfect solution for pressurization, water lifting, gardening, and irrigation in residential buildings. Designed specifically for 3-inch or larger wells, it guarantees powerful performance and unwavering reliability. Say farewell to water supply problems with this compact and highly efficient pump. Invest in the 3-inch Submersible Multi-Impeller Pump today and effortlessly take charge of your water supply!

### Here are some notable construction features of the pump:

- Technopolymer impellers housed with stainless steel adjustment rings
- Pump liner, shaft, coupling with motor, integrated suction filter, and cable guard made of stainless steel
- Suction and delivery supports in micro-cast AISI 304 stainless steel
- Removable built-in non-return valve in technopolymer
- Technopolymer impellers
- NSF61 approved

### Let's not forget about the motor construction features:

- Two-pole asynchronous motor entirely made of AISI 304 stainless steel
- Two-wire version
- Thrust block and bushes cooled and lubricated with a water and glycol mixture
- Rotor mounted on a Kingsbury type self-centering thrust block capable of withstanding high axial loads
- Stator immersed in thermosetting insulating resin with excellent heat dissipation capacity
- Encapsulated in an airtight AISI 304 stainless steel casing
- Removable cable connector CSA approved
- Motor suitable for use with variable frequency drive (30 Hz - 60 Hz)

Experience the durability, reliability, and cutting-edge features of the S3.

**Flow rate** from 3 to 18 GPM

**Head up to** 538 ft

**Maximum immersion depth** 490 ft

**Type of pumped liquid** clean, free of solids and abrasive substances, non-viscous, non-aggressive, non-crystallized and chemically neutral.

**Liquid temperature** from +32°F to +104°F

**Output connection** 1" 1/4 NPT

**Impeller/s material** technopolymer

**Maximum number of starts** IP 68

**Protection class** 20/h

**Motor insulation class** F

**Power cable** 5 ft

**Single phase power input**

1x230 V 60 Hz

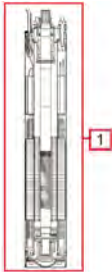
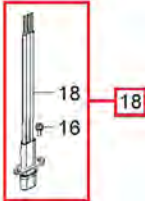
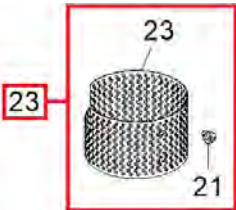

**Possible type of installation** fixed in vertical position. Horizontal installation is possible, it is recommended to install a cooling sleeve

**Certification** pump end NSF61 motor: CSA approved

## TECHNICAL DATA

MODEL	CODE
S3 5/05 0,5HP M230/60 3" 2W	60207413
S3 5/07 0,75HP M230/60 3" 2W	60207414
S3 5/10 1HP M230/60 3" 2W	60207415
S3 10/05 0,5HP M230/60 3" 2W	60207416
S3 10/07 0,75HP M230/60 3" 2W	60207417
S3 10/10 1HP M230/60 3" 2W	60207418
S3 15/05 0,5HP M230/60 3" 2W	60207419
S3 15/07 0,75HP M230/60 3" 2W	60207420
S3 15/10 1HP M230/60 3" 2W	60207421

VOLTAGE 60 Hz	P2 NOMINAL		flow gpm	In A
	kW	HP		
230/60	0.37	0.5	5	4.7
230/60	0.55	0.75	5	6.1
230/60	0.75	1.0	5	8.3
230/60	0.37	0.5	10	4.7
230/60	0.55	0.75	10	6.1
230/60	0.75	1.0	10	8.3
230/60	0.37	0.5	15	4.7
230/60	0.55	0.75	15	6.1
230/60	0.75	1.0	15	8.3

POS #	PARTS	PARTS DESCRIPTION	FOR VERSION	CODE
Pos 1		(SP) MOTOR 3" 2W HP 0.5 M 230/60 TESLA CSA	S3 5/05 S3 10/05 S3 15/05	SP00007755
		(SP) MOTOR 3" 2W HP 0.75 M 230/60 TESLA CSA	S3 5/07 S3 10/07 S3 15/07	SP00007757
		(SP) MOTOR 3" 2W HP 1.0 M 230/60 TESLA CSA	S3 5/10 S3 10/10 S3 15/10	SP00007758
Pos 18		(SP) S3 CABLE	S3 RANGE	R00010429
Pos 23		(SP) S3 FILTER SCREEN	S3 RANGE	R00010752
Pos 26		PUMP END S3 5 GPM 24 STAGE 60HZ	S3 5/05 60HZ	60206213
		PUMP END S3 5 GPM 29 STAGE 60HZ	S3 5/07 60HZ	60206214
		PUMP END S3 5 GPM 35 STAGE 60HZ	S3 05/10 60HZ	60206215
		PUMP END S3 10 GPM 21 STAGE 60HZ	S3 10/05 60HZ	60206216
		PUMP END S3 10 GPM 27 STAGE 60HZ	S3 10/07 60HZ	60206217
		PUMP END S3 10 GPM 31 STAGE 60HZ	S3 10/10 60HZ	60206218
		PUMP END S3 15 GPM 8 STAGE 60HZ	S3 15/05 60HZ	60206219
		PUMP END S3 15 GPM 16 STAGE 60HZ	S3 15/07 60HZ	60206220
		PUMP END S3 15 GPM 21 STAGE 60HZ	S3 15/10 60HZ	60206221

## CORE - STOCK PRODUCTS



# S4

Introducing our incredible 4" multi-impeller borehole pumps, designed specifically for clean water applications. These pumps are engineered to boost water pressure, cater to gardening and irrigation needs, and lift water from boreholes in residential and commercial buildings. They are also well-suited for agricultural irrigation systems.

To ensure optimal performance, the S4 pumps must be installed in wells with a minimum diameter of 4". Alternatively, they can be installed in tanks or cisterns. These pumps effectively increase water pressure, making them perfect for watering medium to large gardens or, in the case of models with higher flow and head capabilities, for agricultural irrigation systems.

We offer these pumps in different configurations to meet your specific needs.

**You have the following options to choose from:**

**1. Pump End Only:** This option includes the pump without the motor. It provides flexibility, allowing you to select the motor that best suits your requirements.

**2. Pump end with water-filled motor 2WIRE:** This configuration includes the pump along with a water-filled motor that operates on a two-wire system. It simplifies installation and ensures efficient performance.

**3. Pump end with water-filled motor 3WIRE:** With this option, you receive the pump along with a water-filled motor that operates on a three-wire system. This configuration offers enhanced control and versatility.

**Flow rate** up to 120 GPM

**Head up to** 1500 ft

**Maximum immersion depth** 4GG - 4TW: 984 ft

**Type of pumped liquid** clean, free of solids and abrasive substances, non-viscous, non-aggressive, non-crystallized and chemically neutral

**Sand quantity** 5.42 lb/in<sup>3</sup>

**Liquid temperature** from +32°F to +104°F

**Output connection** S4 5-25: 1" 1/4 NPT

S4 35-90: 2" NPT

**Pump maximum diameter** 3.9 in

**Impeller/s material** technopolymer

**Maximum number of starts** IP 68

**Protection class** 20/h

**Motor insulation class** F

**Single phase power input** 1x115 or 1x230 V 60 Hz

**Possible type of installation** fixed in vertical position. Horizontal installation is possible, it is recommended to install a cooling sleeve

**Certification** pump end NSF61 & 372

4 TW & 4 GG motors : UL / CSA + NSF 61 & 372 approved

## TECHNICAL DATA

### 5 GPM PUMPS

MODEL	CODE	VOLTAGE 60 Hz	MOTOR TYPE	P2 NOMINAL		Nominal flow gpm	Max Flow Head gpm / ft	In A	Discharge Size NPT
				kW	HP				
S4 5/05 - 0.5HP - 115V/60 2WIRE	60198632	115/60	4"TW - 2WIRE	0.33	0.5	5	8 / 354	8.6	1" 1/4
S4 5/05 - 0.5HP - 230/60 2WIRE	60198636	230/60	4"TW - 2WIRE	0.33	0.5	5	8 / 354	3.9	1" 1/4
S4 5/07 - 0.75HP - 230/60 2WIRE	60198637	230/60	4"TW - 2WIRE	0.55	0.75	5	8 / 470	6.3	1" 1/4
S4 5/10 - 1HP - 230/60 2WIRE	60198638	230/60	4"TW - 2WIRE	0.75	1.0	5	8 / 585	7.7	1" 1/4
S4 5/15 - 1.5HP - 230/60 2WIRE	60198639	230/60	4"TW - 2WIRE	1.1	1.5	5	8 / 810	11.8	1" 1/4
S4 5/05 - 0.5HP - 115V/60 3WIRE	60198655	115/60	4"GG - 3 WIRE	0.33	0.5	5	8 / 354	10.0	1" 1/4
S4 5/05 - 0.5HP - 230/60 3WIRE	60198659	230/60	4"GG - 3 WIRE	0.33	0.5	5	8 / 354	5.5	1" 1/4
S4 5/07 - 0.75HP - 230/60 3WIRE	60198660	230/60	4"GG - 3 WIRE	0.55	0.75	5	8 / 470	7.4	1" 1/4
S4 5/10 - 1HP - 230/60 3WIRE	60198661	230/60	4"GG - 3 WIRE	0.75	1.0	5	8 / 585	8.0	1" 1/4
S4 5/15 - 1.5HP - 230/60 3WIRE	60198662	230/60	4"GG - 3 WIRE	1.1	1.5	5	8 / 810	10.0	1" 1/4

# CORE - STOCK PRODUCTS

# S4

## 7 GPM PUMPS

MODEL	CODE	VOLTAGE 60 Hz	MOTOR TYPE	P2 NOMINAL		Nominal flow gpm	Max Flow Head gpm / ft	In A	Discharge Size NPT
				kW	HP				
<b>S4 7/05</b> - 0.5HP - 115V/60 2WIRE	60198633	115/60	4"TW - 2 WIRE	0.33	0.5	7	11 / 283	8.6	1" 1/4
<b>S4 7/05</b> - 0.5HP - 230/60 2WIRE	60198640	230/60	4"TW - 2 WIRE	0.33	0.5	7	11 / 283	3.9	1" 1/4
<b>S4 7/07</b> - 0.75HP - 230/60 2WIRE	60198641	230/60	4"TW - 2 WIRE	0.55	0.75	7	11 / 389	6.3	1" 1/4
<b>S4 7/10</b> - 1HP - 230/60 2WIRE	60198642	230/60	4"TW - 2 WIRE	0.75	1.0	7	11 / 502	7.7	1" 1/4
<b>S4 7/15</b> - 1.5HP - 230/60 2WIRE	60198643	230/60	4"TW - 2 WIRE	1.1	1.5	7	11 / 673	11.8	1" 1/4
<b>S4 7/05</b> - 0.5HP - 115V/60 3WIRE	60198656	115/60	4"GG - 3 WIRE	0.33	0.5	7	11 / 283	10.0	1" 1/4
<b>S4 7/05</b> - 0.5HP - 230/60 3WIRE	60198663	230/60	4"GG - 3 WIRE	0.33	0.5	7	11 / 283	5.5	1" 1/4
<b>S4 7/07</b> - 0.75HP - 230/60 3WIRE	60198664	230/60	4"GG - 3 WIRE	0.55	0.75	7	11 / 389	7.4	1" 1/4
<b>S4 7/10</b> - 1HP - 230/60 3WIRE	60198665	230/60	4"GG - 3 WIRE	0.75	1.0	7	11 / 502	8.0	1" 1/4
<b>S4 7/15</b> - 1.5HP - 230/60 3WIRE	60198666	230/60	4"GG - 3 WIRE	1.1	1.5	7	11 / 673	10.0	1" 1/4

## 10 GPM PUMPS

MODEL	CODE	VOLTAGE 60 Hz	MOTOR TYPE	P2 NOMINAL		Nominal flow gpm	Max Flow Head gpm / ft	In A	Discharge Size NPT
				kW	HP				
<b>S4 10/05</b> - 0.5HP - 115V/60 2WIRE	60198634	115/60	4"TW - 2 WIRE	0.33	0.5	10	15 / 241	8.6	1" 1/4
<b>S4 10/05</b> - 0.5HP - 230/60 2WIRE	60198644	230/60	4"TW - 2 WIRE	0.33	0.5	10	15 / 241	3.9	1" 1/4
<b>S4 10/07</b> - 0.75HP - 230/60 2WIRE	60198645	230/60	4"TW - 2 WIRE	0.55	0.75	10	15 / 301	6.3	1" 1/4
<b>S4 10/10</b> - 1HP - 230/60 2WIRE	60198646	230/60	4"TW - 2 WIRE	0.75	1.0	10	15 / 413	7.7	1" 1/4
<b>S4 10/15</b> - 1.5HP - 230/60 2WIRE	60198647	230/60	4"TW - 2 WIRE	1.1	1.5	10	15 / 576	11.8	1" 1/4
<b>S4 10/05</b> - 0.5HP - 115V/60 3WIRE	60198657	115/60	4"GG - 3 WIRE	0.33	0.5	10	15 / 241	10.0	1" 1/4
<b>S4 10/05</b> - 0.5HP - 230/60 3WIRE	60198667	230/60	4"GG - 3 WIRE	0.33	0.5	10	15 / 241	5.5	1" 1/4
<b>S4 10/07</b> - 0.75HP - 230/60 3WIRE	60198668	230/60	4"GG - 3 WIRE	0.55	0.75	10	15 / 301	7.4	1" 1/4
<b>S4 10/10</b> - 1HP - 230/60 3WIRE	60198669	230/60	4"GG - 3 WIRE	0.75	1.0	10	15 / 413	8.0	1" 1/4
<b>S4 10/15</b> - 1.5HP - 230/60 3WIRE	60198670	230/60	4"GG - 3 WIRE	1.1	1.5	10	15 / 576	10.0	1" 1/4



# CORE - STOCK PRODUCTS

# S4

## 15 GPM PUMPS

MODEL	CODE	VOLTAGE 60 Hz	MOTOR TYPE	P2 NOMINAL		Nominal flow gpm	Max Flow Head gpm / ft	In A	Discharge Size NPT
				kW	HP				
<b>S4 15/05</b> - 0.5HP - 115V/60 2WIRE	60198635	115/60	4"TW - 2 WIRE	0.33	0.5	15	21 / 163	8.6	1" 1/4
<b>S4 15/05</b> - 0.5HP - 230/60 2WIRE	60198648	230/60	4"TW - 2 WIRE	0.33	0.5	15	21 / 163	3.9	1" 1/4
<b>S4 15/07</b> - 0.75HP - 230/60 2WIRE	60198649	230/60	4"TW - 2 WIRE	0.55	0.75	15	21 / 229	6.3	1" 1/4
<b>S4 15/10</b> - 1HP - 230/60 2WIRE	60198650	230/60	4"TW - 2 WIRE	0.75	1.0	15	21 / 301	7.7	1" 1/4
<b>S4 15/15</b> - 1.5HP - 230/60 2WIRE	60198651	230/60	4"TW - 2 WIRE	1.1	1.5	15	21 / 401	11.8	1" 1/4
<b>S4 15/05</b> - 0.5HP - 115V/60 3WIRE	60198658	115/60	4"GG - 3 WIRE	0.33	0.5	15	21 / 163	10.0	1" 1/4
<b>S4 15/05</b> - 0.5HP - 230/60 3WIRE	60198671	230/60	4"GG - 3 WIRE	0.33	0.5	15	21 / 163	5.5	1" 1/4
<b>S4 15/07</b> - 0.75HP - 230/60 3WIRE	60198672	230/60	4"GG - 3 WIRE	0.55	0.75	15	21 / 229	7.4	1" 1/4
<b>S4 15/10</b> - 1HP - 230/60 3WIRE	60198673	230/60	4"GG - 3 WIRE	0.75	1.0	15	21 / 301	8.0	1" 1/4
<b>S4 15/15</b> - 1.5HP - 230/60 3WIRE	60198674	230/60	4"GG - 3 WIRE	1.1	1.5	15	21 / 401	10.0	1" 1/4

## 20 GPM PUMPS

MODEL	CODE	VOLTAGE 60 Hz	MOTOR TYPE	P2 NOMINAL		Nominal flow gpm	Max Flow Head gpm / ft	In A	Discharge Size NPT
				kW	HP				
<b>S4 20/07</b> - 0.75HP - 230/60 2WIRE	60198652	230/60	4"TW - 2 WIRE	0.55	0.75	20	30 / 196	6.3	1" 1/4
<b>S4 20/10</b> - 1HP - 230/60 2WIRE	60198653	230/60	4"TW - 2 WIRE	0.75	1.0	20	30 / 263	7.7	1" 1/4
<b>S4 20/15</b> - 1.5HP - 230/60 2WIRE	60198654	230/60	4"TW - 2 WIRE	1.1	1.5	20	30 / 321	11.8	1" 1/4
<b>S4 20/07</b> - 0.75HP - 230/60 3WIRE	60198675	230/60	4"GG - 3 WIRE	0.55	0.75	20	30 / 196	7.4	1" 1/4
<b>S4 20/10</b> - 1HP - 230/60 3WIRE	60198676	230/60	4"GG - 3 WIRE	0.75	1.0	20	30 / 263	8.0	1" 1/4
<b>S4 20/15</b> - 1.5HP - 230/60 3WIRE	60198677	230/60	4"GG - 3 WIRE	1.1	1.5	20	30 / 321	10.0	1" 1/4


## 25 GPM PUMPS


MODEL	CODE	VOLTAGE 60 Hz	MOTOR TYPE	P2 NOMINAL		Nominal flow gpm	Max Flow Head gpm / ft	In A	Discharge Size NPT
				kW	HP				
<b>S4 25/10</b> - 1HP - 230/60 2WIRE	60199005	230/60	4"TW - 2 WIRE	0.75	1.0	25	35 / 202	7.7	1" 1/4
<b>S4 25/15</b> - 1.5HP - 230/60 2WIRE	60199006	230/60	4"TW - 2 WIRE	1.1	1.5	25	35 / 299	11.8	1" 1/4
<b>S4 25/10</b> - 1HP - 230/60 3WIRE	60199007	230/60	4"GG - 3 WIRE	0.75	1.0	25	35 / 202	8.0	1" 1/4
<b>S4 25/15</b> - 1.5HP - 230/60 3WIRE	60199008	230/60	4"GG - 3 WIRE	1.1	1.5	25	35 / 299	10.0	1" 1/4

# CORE - STOCK PRODUCTS

## CONTROL BOX - USA VERSION

- Version with metal casing.
- PLUS version contains a magnetic line contactor carefully matched to the motor, eliminating the need for an external line contactor.

4GG ACCESSORIES	DESCRIPTION	CODE	P2		V [V]	C [μF]	C [V]
			[hp]	[kW]			
	CONTROL BOX 4CBUS 0.5HP 115V 60HZ BASIC TESLA	60174729	0.5	0.37	115	250-300	125
	CONTROL BOX 4CBUS 0.5HP 230V 60HZ BASIC TESLA	60174730	0.5	0.37	230	59-71	250
	CONTROL BOX 4CBUS 0.75HP 230V 60HZ BASIC TESLA	60174731	0.75	0.55	230	86-103	250
	CONTROL BOX 4CBUS 1HP 230V 60HZ BASIC TESLA	60184859	1	0.75	230	105-126	250

4GG ACCESSORIES	DESCRIPTION	CODE	P2		V [V]	RUN CAP		START CAP	
			[hp]	[kW]		[μF]	[V]	[μF]	[V]
	CONTROL BOX 4CBUS 1.5HP 230V 60HZ BASIC TESLA	60174733	1.5	1.1	230	10	370	105-126	250
	CONTROL BOX 4CBUS 2HP 230V 60HZ BASIC TESLA	60174734	2	1.5	230	20	370	105-126	250
	CONTROL BOX 4CBUS 3HP 230V 60HZ BASIC TESLA	60174735	3	2.2	230	45	370	208-250	250
	CONTROL BOX 4CBUS 5HP 230V 60HZ BASIC TESLA	60174736	5	3.0	230	2x40	370	270-324	250
	CONTROL BOX 4CBUS 1.5HP 230V 60HZ PLUS TESLA	60174737	1.5	1.1	230	10	370	105-126	250
	CONTROL BOX 4CBUS 2HP 230V 60HZ PLUS TESLA	60174738	2	1.5	230	20	370	105-126	250
	CONTROL BOX 4CBUS 3HP 230V 60HZ PLUS TESLA	60174739	3	2.2	230	45	370	208-250	250
	CONTROL BOX 4CBUS 5HP 230V 60HZ PLUS TESLA	60174740	5	3.0	230	2x40	370	270-324	250

# CORE - STOCK PRODUCTS

# S4

## PUMP ENDS



MODEL	CODE	NUMBER STAGES	HP	PACKING DIMENSIONS			WEIGHT (lbs)	NOMINAL GPM	Max Flow Head gpm / ft
				L/A (in)	L/B (in)	H (in)			
S4 5/05 - PUMP END	60198611	11	0.5	18.9	4.5	4.5	7.3	5	8 / 354
S4 5/07 - PUMP END	60198612	15	0.75	18.9	4.5	4.5	8.6	5	8 / 470
S4 5/10 - PUMP END	60198613	18	1.0	23.6	4.5	4.5	9.7	5	8 / 585
S4 5/15 - PUMP END	60198614	25	1.5	33.1	4.5	4.5	11.7	5	8 / 810
S4 5/20 - PUMP END	60196210	31	2.0	33.1	4.5	4.5	16.3	5	8 / 987
S4 7/05 - PUMP END	60198615	8	0.5	18.9	4.5	4.5	5.9	7	11 / 283
S4 7/07 - PUMP END	60198616	11	0.75	18.9	4.5	4.5	7.3	7	11 / 389
S4 7/10 - PUMP END	60198617	14	1.0	23.6	4.5	4.5	8.1	7	11 / 502
S4 7/15 - PUMP END	60198618	19	1.5	33.1	4.5	4.5	9.9	7	11 / 673
S4 7/20 - PUMP END	60196215	24	2.0	33.1	4.5	4.5	11.2	7	11 / 862
S4 7/30 - PUMP END	60196216	33	3.0	42.5	4.5	4.5	17.2	7	11 / 1185
S4 10/05 - PUMP END	60198619	7	0.5	18.9	4.5	4.5	6.2	10	15 / 241
S4 10/07 - PUMP END	60198620	10	0.75	18.9	4.5	4.5	7.0	10	15 / 301
S4 10/10 - PUMP END	60198621	12	1.0	23.6	4.5	4.5	7.7	10	15 / 413
S4 10/15 - PUMP END	60198622	17	1.5	33.1	4.5	4.5	9.2	10	15 / 576
S4 10/20 - PUMP END	60196222	22	2.0	33.1	4.5	4.5	11.0	10	15 / 746
S4 10/30 - PUMP END	60196223	29	3.0	33.1	4.5	4.5	13.2	10	15 / 931
S4 10/50 - PUMP END	60196224	46	5.0	42.5	4.5	4.5	22.9	10	15 / 1476
S4 15/05 - PUMP END	60198623	5	0.5	18.9	4.5	4.5	5.9	15	21 / 163
S4 15/07 - PUMP END	60198624	7	0.75	18.9	4.5	4.5	6.6	15	21 / 229
S4 15/10 - PUMP END	60198625	9	1.0	18.9	4.5	4.5	7.5	15	21 / 301
S4 15/15 - PUMP END	60198626	12	1.5	23.6	4.5	4.5	8.6	15	21 / 401
S4 15/20 - PUMP END	60196229	616	2.0	33.1	4.5	4.5	10.3	15	21 / 531
S4 15/30 - PUMP END	60196230	23	3.0	42.5	4.5	4.5	14.1	15	21 / 763
S4 15/50 - PUMP END	60196231	36	5.0	47.2	4.5	4.5	20.5	15	21 / 1194
S4 20/07 - PUMP END	60198627	6	0.75	18.9	4.5	4.5	6.2	20	30 / 196
S4 20/10 - PUMP END	60198628	7	1.0	18.9	4.5	4.5	6.6	20	30 / 263
S4 20/15 - PUMP END	60198629	10	1.5	18.9	4.5	4.5	9.9	20	30 / 321
S4 20/20 - PUMP END	60196235	13	2.0	23.6	4.5	4.5	10.2	20	30 / 422
S4 20/30 - PUMP END	60196236	18	3.0	33.1	4.5	4.5	11.9	20	30 / 580
S4 20/50 - PUMP END	60196237	28	5.0	33.1	4.5	4.5	18.3	20	30 / 959

# CORE - STOCK PRODUCTS

# S4

## PUMP ENDS



MODEL	CODE	NUMBER STAGES	HP	PACKING DIMENSIONS			WEIGHT (lbs)	NOMINAL GPM	Max Flow Head gpm / ft
				L/A (in)	L/B (in)	H (in)			
S4 25/10 - PUMP END	60198630	7	1.0	18.9	4.5	4.5	7.5	25	35 / 202
S4 25/15 - PUMP END	60198631	10	1.5	23.6	4.5	4.5	9.0	25	35 / 299
S4 25/20 - PUMP END	60196240	13	2.0	33.1	4.5	4.5	10.3	25	35 / 379
S4 25/30 - PUMP END	60196241	17	3.0	33.1	4.5	4.5	12.1	25	35 / 499
S4 25/50 - PUMP END	60196242	26	5.0	47.2	4.5	4.5	19.4	25	35 / 760
S4 35/10 - PUMP END	60196243	6	1.0	18.9	4.5	4.5	7.0	35	50 / 172
S4 35/15 - PUMP END	60196244	8	1.5	23.6	4.5	4.5	7.9	35	50 / 236
S4 35/20 - PUMP END	60196245	10	2.0	23.6	4.5	4.5	9.0	35	50 / 294
S4 35/30 - PUMP END	60196246	14	3.0	33.1	4.5	4.5	10.8	35	50 / 412
S4 35/50 - PUMP END	60196247	24	5.0	42.5	4.5	4.5	18.3	35	50 / 693
S4 35/75 - PUMP END	60196248	35	7.5	53.1	4.5	4.5	25.1	35	50 / 968
S4 35/100 - PUMP END	60196249	49	10.0	70.9	4.5	4.5	34.3	35	50 / 1191
S4 45/15 - PUMP END	60196250	5	1.5	18.9	4.5	4.5	6.6	45	60 / 152
S4 45/20 - PUMP END	60196251	7	2.0	18.9	4.5	4.5	7.5	45	60 / 211
S4 45/30 - PUMP END	60196252	9	3.0	23.6	4.5	4.5	8.4	45	60 / 272
S4 45/50 - PUMP END	60196253	14	5.0	33.1	4.5	4.5	12.1	45	60 / 435
S4 45/75 - PUMP END	60196254	22	7.5	42.5	4.5	4.5	18.0	45	60 / 672
S4 45/100 - PUMP END	60196255	30	10.0	47.2	4.5	4.5	22.9	45	60 / 950
S4 60/20 - PUMP END	60196256	6	2.0	23.6	4.5	4.5	9.7	60	80 / 175
S4 60/30 - PUMP END	60196257	8	3.0	33.1	4.5	4.5	11.4	60	80 / 235
S4 60/50 - PUMP END	60196258	13	5.0	42.5	4.5	4.5	16.1	60	80 / 393
S4 60/75 - PUMP END	60196259	17	7.5	47.2	4.5	4.5	21.3	60	80 / 516
S4 60/100 - PUMP END	60196260	23	10.0	57.2	4.5	4.5	28.6	60	80 / 698
S4 90/20 - PUMP END	60196261	5	2.0	18.9	4.5	4.5	6.2	90	130 / 140
S4 90/30 - PUMP END	60196262	6	3.0	18.9	4.5	4.5	6.6	90	130 / 172
S4 90/50 - PUMP END	60196263	10	5.0	18.9	4.5	4.5	9.9	90	130 / 300
S4 90/75 - PUMP END	60196264	14	7.5	23.6	4.5	4.5	10.2	90	130 / 404
S4 90/100 - PUMP END	60196265	19	10.0	33.1	4.5	4.5	11.9	90	130 / 543



# CORE - STOCK PRODUCTS



This 2 wire submersible asynchronous two-pole motor. It's made with durable AISI 304 stainless steel, ensuring that the parts in contact with water are protected.

To keep the motor cool and lubricated, a mixture of water and glycol is used for the thrust bearing assembly and carbon bushes. The squirrel-cage rotor is securely mounted on a Kingsbury self-centering thrust bearing. The stator is housed in a sealed stainless steel casing, with both the flanges and shell made from AISI 304L stainless steel.

For easy maintenance, there's a removable cable connector. The cable itself is certified by CSA to UL & NSF standards.

This motor is compatible with a variable frequency drive, allowing for flexible use with frequencies ranging from 30 Hz to 60 Hz. The capacitor is protected inside the motor casing where it is directly connected to the motor windings, eliminating the need for an external control box.

Additionally, thermal protection is included in the motor. Choose the reliable and efficient 4" Asynchronous submersible motor for your water applications.

**Flange** NEMA 4"

**Insulation class** F

**Protection class** IP68

**Cooling flow speed** 1.0 ft/sec @ 95 °F

**Power supply tolerance** + 6 % / -10 %

**Max. starts** 20/h

**Max operating depth** 984 ft

**Motor Sizes** 0.5 HP - 1.5 HP

**Motor maximum diameter** 3.9"

**Certification**

Approved to NSF 61, 372, UL and CSA standards


# TW



## TECHNICAL DATA - SINGLE PHASE MOTORS

MODEL	CODE	V [V]	P2		SF	In [A]	In (SF) [A]	Is/In	Cs/Cn	P1 [W]	N [min <sup>-1</sup> ]	Cos φ	η %	C [μF]	Ø [AWG]	LC [ft]
			[HP]	[kW]												
4TW - 0.5 HP	60174194	115	0.5	0.37	1.6	8.6	10	4.2	0.65	800	3450	0.88	46	80	3x14	5½
4TW - 0.5 HP	60174195	230			1.6	3.9	5	4.6	0.65	800	3450	0.88	46	20	3x14	5½
4TW - 0.75 HP	60174196	230	0.75	0.55	1.5	6.3	6.9	4.3	0.65	1200	3450	0.82	47	25	3x14	5½
4TW - 1 HP	60174197	230	1	0.75	1.4	7.7	8.8	4.8	0.68	1500	3450	0.84	50	35	3x14	5½
4TW - 1.5 HP	60174198	230	1.5	1.1	1.3	11.8	12.7	4.7	0.7	2120	3450	0.85	53	40	3x14	5½

V: Rated voltage  
P2: Rated output  
SF: Service factor  
In: Rated current  
In (SF): Service factor current  
Is/In: Locked rotor current/Rated current  
Cs/Cn: Locked rotor Torque/Rated Torque  
P1: Power consumption  
N: R.P.M  
Cos φ: Power factor  
η: Efficiency  
C: Capacitor  
Ø: Cable section  
LC: Cable length

KIT CABLE CONNECTOR	DESCRIPTION	CODE
	<b>KIT CABLE - FT 5,58</b> <ul style="list-style-type: none"> <li>• CABLES WITH DIFFERENT LENGTH</li> <li>• DIFFERENT SUPPLY VOLTAGES</li> <li>• CSA CERTIFIED VERSION</li> </ul>	60141970

# CORE - STOCK PRODUCTS

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This 3 wire submersible asynchronous two-pole motor. It's made of AISI 304 stainless steel to ensure durability for the components that come into contact with water. To keep the thrust bearing assembly and carbon brushes cool and lubricated, a mixture of water and glycol is used. The squirrel-cage rotor is securely mounted on a Kingsbury self-centering thrust bearing. The stator is housed in a sealed stainless steel casing, known as a canned-type casing, with both the flanges and shell made from AISI 304L stainless steel.

For easy maintenance, there's a removable cable connector provided. The cable itself is certified to NSF, UL, and CSA standards, ensuring its quality. This motor is designed to be used with a variable frequency drive, allowing for flexible operation with frequencies ranging from 30 Hz to 50/60 Hz. In the single-phase version with a power range of 1.5 to 5 Hp, the capacitor and manually resettable overload protection are located in the Control Box, which can be supplied separately. In the single-phase version with a power range of 0.5 to 1.0 Hp, the thermal protection is already included in the motor itself, but it still requires the Control Box with the capacitor for correct operation.

For the three-phase version, the user must provide their own overload protection.

**Flange** NEMA 4"

**Insulation class** F

**Degree of protection** IP68

**Cooling flow** 1.0 ft/sec @ 95 °F

**Voltage tolerance** + 6% / -10%

**Max starts** 20/h

**Max operating depth** 984 ft

**Motor Sizes** 0.5 HP - 10 HP

**Motor maximum diameter** 3.9"

**Certification**

Approved to NSF 61, 372, UL and CSA standards



## TECHNICAL DATA - SINGLE PHASE MOTORS

MODEL	3 WIRE	V [V]	P2		SF	In [A]	In (SF) [A]	Is/In	Cs/Cn	P1 [W]	N [min <sup>-1</sup> ]	Cos φ	η %	C1 [μF]	C2 [μF]	Ø [AWG]	LC [ft]
	CODE		[HP]	[kW]													
4GG - 1/2 HP	60174199	115	0.5	0.37	1.6	10.0	12.6	4.0	3.2	800	3450	0.71	48	-	250-300	4x14	5½
4GG - 1/2 HP	60174200				1.6	5.5	6.8	4.2	3.9	800	3450	0.62	46	-	59-71	4x14	5½
4GG - 3/4 HP	60174201	230	0.75	0.55	1.5	7.4	8.6	4.6	3.6	1100	3450	0.65	53	-	86-103	4x14	5½
4GG - 1 HP	60174202	230	1	0.75	1.4	8.0	9.8	5.5	2.9	1350	3450	0.68	58	-	105-126	4x14	5½
4GG - 1 1/2 HP	60174203	230	1.5	1.1	1.3	10.0	12.0	6.0	1.9	1800	3450	0.81	64	10	105-126	4x14	5½
4GG - 2 HP	60174204	230	2	1.5	1.25	10.5	12.3	5.3	2.3	2200	3450	0.95	69	20	105-126	4x14	5½
4GG - 3 HP	60174205	230	3	2.2	1.15	14.3	16.2	5.5	2.1	3100	3450	0.97	72	45	208-250	4x14	5½
4GG - 5 HP	60174206	230	5	3.7	1.15	22.2	25.5	5.5	1.8	5000	3450	0.99	74	2x40	270-324	4x14	8 ¾

V: Rated voltage  
P2: Rated output  
SF: Service factor  
In: Rated current  
In (SF): Service factor current  
Is/In: Locked rotor current/Rated current  
Cs/Cn: Locked rotor Torque/Rated Torque  
P1: Power consumption  
N: R.P.M  
Cos φ: Power factor  
η: Efficiency  
C: Capacitor  
Ø: Cable section  
LC: Cable length

KIT CABLE CONNECTOR USA VERSION	DESCRIPTION	CODE
	KIT CABLE CONNECTOR - FT 5.58	60141967
	KIT CABLE CONNECTOR - FT 8.86	60141968
	KIT CABLE CONNECTOR - FT 9.84	60141969

# CORE - STOCK PRODUCTS

## TECHNICAL DATA - THREE PHASE MOTORS

MODEL	3 WIRE	V [V]	P2		SF	In [A]	In (SF) [A]	Is/In	Cs/Cn	P1 [W]	N [min <sup>-1</sup> ]	Cos φ	η %	C [μF]	CABLE	
	CODE		[HP]	[kW]											Ø [AWG]	LC [ft]
4GG - 1/2 HP	60121248	230	0.5	0.37	1.6	3.2	3.8	4.4	3.2	870	3450	0.4	42	-	4x14	5½
	60140361	460			1.6	1.6	1.9	5	3.2	870	3450	0.4	42	-	4x14	5½
	TBD	575			1.6	1.3	1.5	5	3.2	650	3450	0.54	57	-	4x14	5½
4GG - 3/4 HP	60121249	230	0.75	0.55	1.5	4.4	4.8	5.2	3.6	1140	3450	0.47	48	-	4x14	5½
	60121252	460			1.5	2.2	2.4	5.5	3.6	1140	3450	0.47	48	-	4x14	5½
	TBD	575			1.5	1.8	1.9	5.5	3.6	840	3450	0.48	65	-	4x14	5½
4GG - 1 HP	60121254	230	1	0.75	1.4	5.2	5.6	6.4	4.2	1260	3450	0.59	59	-	4x14	5½
	60121256	460			1.4	2.6	2.8	5.8	4.2	1260	3450	0.59	59	-	4x14	5½
	TBD	575			1.4	2.1	2.2	5.8	4.2	1200	3450	0.59	63	-	4x14	5½
4GG - 1 1/2 HP	60140362	230	1.5	1.1	1.3	7.2	7.8	5.9	4.1	1875	3450	0.53	60	-	4x14	5½
	60121259	460			1.25	3.6	3.9	6.7	4.1	1875	3450	0.53	60	-	4x14	5½
	TBD	575			1.3	2.9	3.1	6.7	4.1	1720	3450	0.60	64	-	4x14	5½
4GG - 2 HP	60140363	230	2	1.5	1.15	9.2	9.8	6.1	3.8	2230	3450	0.57	67	-	4x14	5½
	60121268	460			1.15	4.6	4.9	6.7	3.8	2230	3450	0.57	67	-	4x14	5½
	TBD	575			1.25	3.7	6.1	6.7	3.8	2160	3450	0.59	69	-	4x14	5½
4GG - 3 HP	60140364	230	3	2.2	1.15	11.2	12	7.5	4.8	3160	3450	0.69	71	-	4x14	5½
	60140365	460			1.15	5.6	6	7.1	4.8	3160	3450	0.69	71	-	4x14	5½
	TBD	575			1.15	4.5	4.8	7.1	4.8	3050	3450	0.68	72	-	4x14	5½
4GG - 5 HP	60140368	230	5	4	1.15	17.8	19.2	7.4	4	5230	3450	0.7	77	-	4x14	8¾
	60140369	460			1.15	8.9	9.6	7.4	4	5230	3450	0.7	77	-	4x14	8¾
	TBD	575			1.15	7.1	7.7	7.4	4.4	5300	3450	0.75	75	-	4x14	8¾
4GG - 7.5 HP	60140370	230	7.5	5.5	1.15	24	26	7.5	3.8	7100	3450	0.71	78	-	4x14	8¾
	60140371	460			1.15	12	13	7.5	3.8	7100	3450	0.71	78	-	4x14	8¾
	TBD	575			1.15	9.6	10.4	7.5	3.8	7050	3450	0.74	79	-	4x14	8¾
4GG - 10 HP	60140372	460	10	7.5	1.15	15.4	16.6	7.1	3.9	9300	3450	0.78	80	-	4x14	11½
	TBD	575			1.15	12.3	13.5	7.1	3.9	9100	3450	0.74	82	-	4x14	11½

P2: Rated output  
 V: Rated voltage  
 SF: Service factor  
 In: Rated current  
 In (SF): Service factor current


Is/In: Locked rotor current/Rated current  
 Cs/Cn: Locked rotor Torque/Rated Torque  
 P1: Power consumption  
 N: R.P.M  
 Cos φ: Power factor


η: Efficiency  
 C: Capacitor  
 Ø: Cable section  
 LC: Cable length

# CORE - STOCK PRODUCTS

## CONTROL BOX - USA VERSION

- Version with metal casing.
- PLUS version contains a magnetic line contactor carefully matched to the motor, eliminating the need for an external line contactor.

4GG ACCESSORIES	DESCRIPTION	CODE	P2		V [V]	C [μF]	C [V]
			[hp]	[kW]			
	CONTROL BOX 4CBUS 0.5HP 115V 60HZ BASIC TESLA	60174729	0.5	0.37	115	250-300	125
	CONTROL BOX 4CBUS 0.5HP 230V 60HZ BASIC TESLA	60174730	0.5	0.37	230	59-71	250
	CONTROL BOX 4CBUS 0.75HP 230V 60HZ BASIC TESLA	60174731	0.75	0.55	230	86-103	250
	CONTROL BOX 4CBUS 1HP 230V 60HZ BASIC TESLA	60184859	1	0.75	230	105-126	250

4GG ACCESSORIES	DESCRIPTION	CODE	P2		V [V]	RUN CAP		START CAP	
			[hp]	[kW]		[μF]	[V]	[μF]	[V]
	CONTROL BOX 4CBUS 1.5HP 230V 60HZ BASIC TESLA	60174733	1.5	1.1	230	10	370	105-126	250
	CONTROL BOX 4CBUS 2HP 230V 60HZ BASIC TESLA	60174734	2	1.5	230	20	370	105-126	250
	CONTROL BOX 4CBUS 3HP 230V 60HZ BASIC TESLA	60174735	3	2.2	230	45	370	208-250	250
	CONTROL BOX 4CBUS 5HP 230V 60HZ BASIC TESLA	60174736	5	3.0	230	2x40	370	270-324	250
	CONTROL BOX 4CBUS 1.5HP 230V 60HZ PLUS TESLA	60174737	1.5	1.1	230	10	370	105-126	250
	CONTROL BOX 4CBUS 2HP 230V 60HZ PLUS TESLA	60174738	2	1.5	230	20	370	105-126	250
	CONTROL BOX 4CBUS 3HP 230V 60HZ PLUS TESLA	60174739	3	2.2	230	45	370	208-250	250
	CONTROL BOX 4CBUS 5HP 230V 60HZ PLUS TESLA	60174740	5	3.0	230	2x40	370	270-324	250



# CORE - STOCK PRODUCTS

# GF



This GF 6-inch submersible motor is built tough, combining AISI 304 stainless steel and cast iron construction to make it durable and long-lasting. The parts that come into contact with water are coated with a protective paint coating.

To ensure top-notch performance, the thrust bearing assembly and carbon brushes are cooled and lubricated with a mixture of water and glycol.

The squirrel-cage rotor is securely mounted on a Kingsbury self-centering thrust bearing. The 30 to 60Hp models come with a heavy-duty thrust bearing for reliable operation even in deep wells.

The stator is housed in a sealed stainless steel casing, known as a canned-type casing, to keep everything airtight.

For easy maintenance, there's a removable cable connector provided, allowing for quick and convenient access. The cable itself meets NSF, UL, and CSA standards, so you can trust its quality. This motor is designed to be used with a variable frequency drive, giving you flexibility with frequencies ranging from 30 Hz to 60 Hz.

You can get this motor in a three-phase version, and you have the choice between DOL or STAR-DELTA starting types.

The user must provide overload protection.

Additionally, you have the option to equip the motor with a PT100 temperature sensor, which adds an extra level of temperature control monitoring.

**Flange** NEMA 6"

**Insulation class** F

**Degree of protection** IP68

**Cooling flow** 1.0 ft/sec @ 95 °F

**Voltage tolerance** + 6% / -10%

**Max starts** 25/h

**Max operating depth** 984 ft

**Motor Sizes** 5.5 HP - 25 HP Standard Construction  
30 HP - 60HP Heavy Duty Construction



## TECHNICAL DATA - SINGLE PHASE MOTORS

MODEL	3 WIRE	V [V]	P2		SF	In [A]	In (SF) [A]	Is/In	P1 [W]	N [min <sup>-1</sup> ]	Cos φ	η %	C [μF]		Ø [AWG]	LC [ft]
	CODE		[HP]	[kW]									Start	Run		
6GF - 7.5 HP	60187218	230	7.5	5.5	1.15	33	37	15	7520	3490	0.72	74	486-584	45	4x10	13
6GF - 10 HP	60187219	230	10	7.5	1.15	43	49	20	9800	3490	0.76	77	616-740	70	4x10	13
6GF - 15 HP	60187220	230	15	11	1.15	63	74	30	14350	3490	0.77	76	701-841	135	4x8	13

6GF / 6GX ACCESSORIES	DESCRIPTION	CODE	P2		V [V]	RUN CAP		START CAP	
			[hp]	[kW]		[μF]	[V]	[μF]	[V]
	CONTROL BOX 6CBUS 7.5HP 230V 60HZ PLUS TESLA	60184860	7.5	5.5	230	45	370	270-324	330
								216-260	330
	CONTROL BOX 6CBUS 10HP 230V 60HZ PLUS TESLA	60184861	10	7.5	230	35	370	270-324	330
						35	370	216-260	330
								130-156	330
	CONTROL BOX 6CBUS 15HP 230V 60HZ PLUS TESLA	60184862	15	11	230	45	370	270-324	330
						45	370	270-324	330
						45	370	161-193	330

# CORE - STOCK PRODUCTS


## TECHNICAL DATA - THREE PHASE MOTORS

MODEL	3 WIRE	V [V]	P2		SF	In [A]	In (SF) [A]	Is/In	P1 [W]	N [min <sup>-1</sup> ]	Cos φ	η %	Start *	CABLE	
	CODE		[HP]	[kW]										Ø [AWG]	LC [ft]
6GF - HP 5.5	60181824	230	5.5	4	1.15	18.5	20	5.1	5700	3450	0.77	70	Δ	4x10	13
	60181833				1.15	8.6	9.5	5.5	5700	3470	0.83	70	Y	4x10	13
6GF - HP 7.5	60181825	230	7.5	5.5	1.15	24	26.6	5	7400	3480	0.77	74	Δ	4x10	13
	60181834	460			1.15	12	13.3	5	7400	3480	0.77	74	Y	4x10	13
6GF - HP 10	60181826	230	10	7.5	1.15	34	37	4.8	9900	3465	0.73	76	Δ	4x10	13
	60181835	460			1.15	15	16.5	5.5	9900	3465	0.83	76	Y	4x10	13
6GF - HP 15	60181828	230	15	11	1.15	50	54	4.4	13400	3495	0.67	82	Δ	4x10	13
	60181837	460			1.15	21	23.3	5.2	13400	3495	0.8	82	Y	4x10	13
6GF - HP 20	60181830	230	20	15	1.15	63	68	4.8	18200	3475	0.73	82	Δ	4x10	13
	60181839	460			1.15	27.6	30.8	5.4	18200	3475	0.83	82	Y	4x10	13
6GF - HP 25	60181831	230	25	18.5	1.15	73.4	80	5.7	22200	3475	0.76	83	Δ	4x8	13
	60181840	460			1.15	36.7	40	5.7	22200	3475	0.76	83	Y	4x8	13

6GF - HP 30 HEAVY DUTY	60181832	230	30	22	1.15	95	105	5.5	26500	3480	0.7	83	Δ	4x8	13
	60202631	460			1.15	44.7	49.8	5.8	26500	3480	0.74	83	Y	4x8	13
6GF - HP 40 HEAVY DUTY	60202632	460	40	30	1.15	54	62	6.3	35700	3480	0.83	84	Y	4x8	13
6GF - HP 50 HEAVY DUTY	60202633	460	50	37	1.15	69	77	6.1	44800	3480	0.82	83	Y	4x8	13
6GF - HP 60 HEAVY DUTY	60202634	460	60	45	1.15	82	92	6.5	53500	3450	0.83	84	Y	4x8	13

P2: Rated output  
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 SF: Service factor  
 In: Rated current  
 In (SF): Service factor current  
 Is/In: Locked rotor current/Rated current  
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 P1: Power consumption  
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 Cos φ: Power factor  
 η: Efficiency  
 C: Capacitor  
 Ø: Cable section  
 LC: Cable length

\* Star-delta version 230/380 V and 380/660 V available.

KIT CABLE CONNECTOR USA VERSION	DESCRIPTION	CODE
	 KIT CABLE CONNECTOR - FT 13.12	SP00003221
	KIT CABLE CONNECTOR - FT 13.12	SP00003222

# CORE - STOCK PRODUCTS

## EVOSTA 2



The Evosta 2, made by DAB, is an electronic circulator that's designed to recirculate water in residential heating and air conditioning systems. It uses a wet rotor and advanced technology to adjust its performance based on what the system needs. This not only saves energy but also protects against pressure fluctuations that can cause issues.

The Evosta 2 is a compact and versatile solution that can replace those older three-speed circulators. It combines the durability of mechanical circulators with the advantages of electronic ones. It's easy to set up too, with a sequential button that lets users choose from nine different operating modes. You've got options like proportional pressure, constant pressure, and constant speed.

Now, all models of the Evosta 2 come with a breather plug and allow for manual release of the motor shaft. They've got threaded suction and delivery ports, a technopolymer impeller, and a cast iron body coated with cataphoretic paint. And let's not forget, the motor casing is made of stainless steel for extra durability. The electronics of the Evosta 2 are water-resistant and have an IPX5 protection class, so you know they can handle the job.

### Operating range

0.8 - 15.1 gpm with head up to 18 ft

### Pumped liquid temperature range

from +14 °F to +230 °F

**Working pressure** 145 psi

**Protection class:** IP X5. (NEMA 4X ) Protected against jets of water

**Insulation class** F

**Installation** with horizontal motor axis

### Standard power input

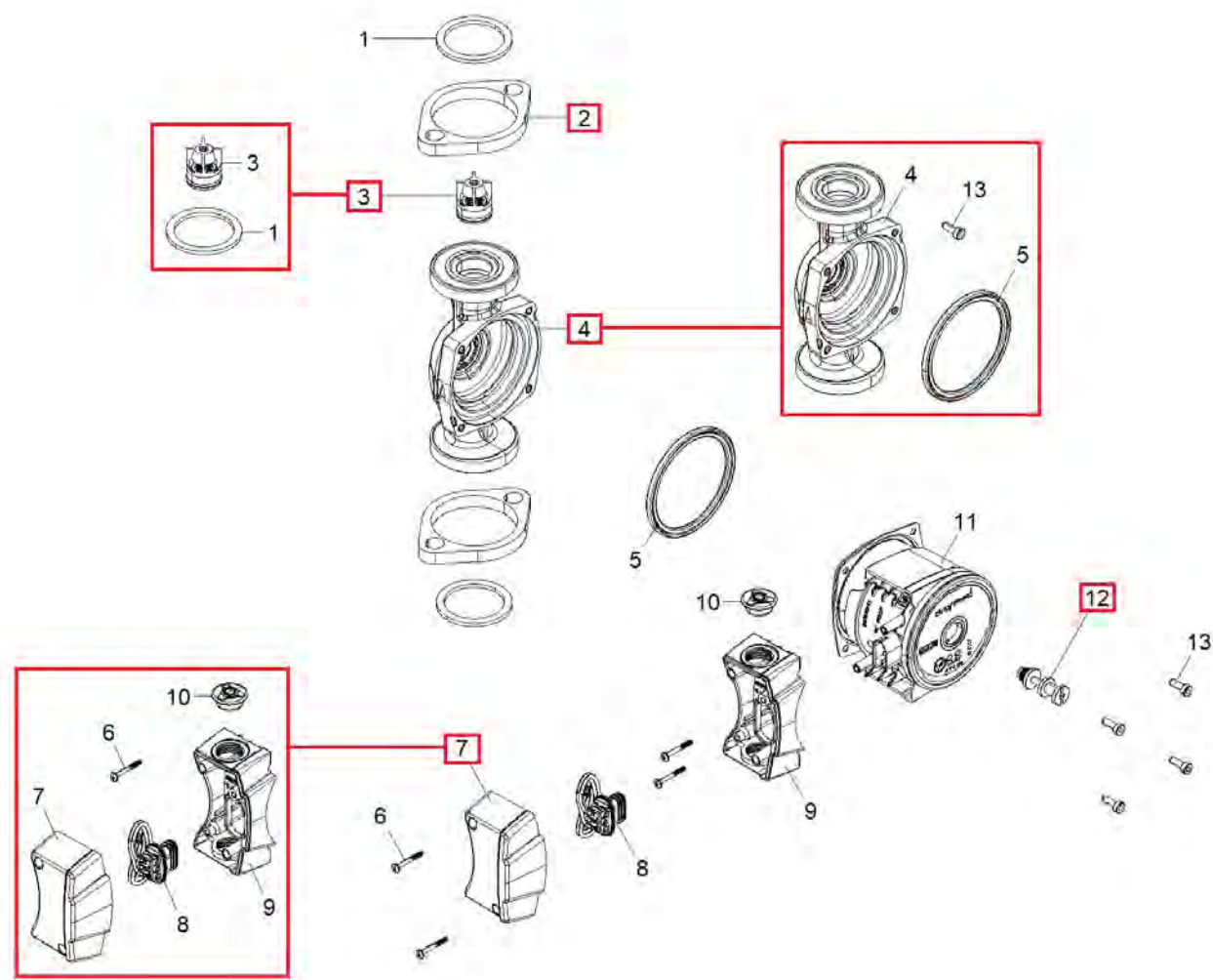
single-phase 1 x 110-127 V~ 60 Hz

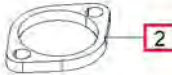


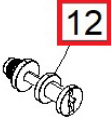
**Pumped liquid** clean, free of solids and mineral oils, non-viscous, chemically neutral, with properties similar to water (glycol max 30%)

**PUMP BODY** Pump body in cast iron with cataphoresis treatment

## TECHNICAL DATA

MODEL	CODE	CENTRE DISTANCE	FLANGE	POWER INPUT 60 Hz	P1 MAX W	In A	EEI	MINIMUM SUCTION PRESSURE		Pallet Qty
								t°	194 °F	
EVOSTA 2 55 110-127V 60HZ	60192406	6 3/8"	OVAL 2 BOLT	1 x 110-127V ~	4 41	0.064 0.61	EEI ≤ 0.23	ft.c.w.	32.8	
EVOSTA 2D 55 110-127V 60HZ	60192407	6 3/8"	OVAL 2 BOLT	1 x 110-127V ~	4 41	0.064 0.61	EEI ≤ 0.23	ft.c.w.	32.8	



POS #	PARTS	PARTS DESCRIPTION	FOR VERSION	CODE
Pos 2		(SP) OVAL FLANGE FOR EVOSTA USA	Evosta2, 2D, 2San	SP00005332
Pos 3		(SP) NON RET. VALVE EVOSTA NG USA	Evosta2, 2D, 2San	SP00005329
Pos 7		(SP) TERMINAL BOX EVOSTA NG USA	Evosta2, 2D, 2San	SP00005331
Pos 12		(SP) PLUG AIR V.W/OR FOR EVOSTA NG	Evosta2, 2D, 2San	SP00004025



# MTO - SEASONAL PRODUCTS

## NOVA 40<sup>th</sup> SUBMERSIBLE PUMPS FOR DRAINAGE



nova M-A



nova M-NA

Submersible pump for drainage also rainwater in residential building service. The Nova series has been redesigned to mark forty years of commercialization, making it even more reliable, resistant and ergonomic. It can also be used for emptying tanks or cisterns. It is suitable for fixed or portable installations and it is available in the automatic version with the integrated float switch or in the manual version without the float. The pump is suitable for draining flooded basements, cellars and garages or to prevent flooding when installed in rainwater collection wells, and can be used as a portable pump in emergency situations to drain water from flooded premises. A 90° fitting is provided for vertical delivery. The pump body, the impeller and the suction grid are in technopolymer, the motor shaft in stainless steel. Thermal protection incorporated in all single-phase versions. It can work in dry run for up to 1 minute. 0.4" free passage. In compliance with CSA Standards C22.2 No.108 - 14, UL Standard No. 778.

**Flow rate minimum and maximum**  
from 4.4 to 70.4 GPM  
**Head up to** 33 ft  
**Type of pumped liquid**  
drainage water, mostly clean, rainwater  
**Free passage**  
0.2 in or 0.4 in depending on the model  
**Liquid temperature range**  
from 32°F to +95°F for domestic use  
from 32°F to +122°F other use  
**Outlet connection** threaded 1" 1/4  
**Impeller material** technopolymer  
**Class of protection** IP 68  
**Motor insulation class** F  
**Dry run time** 1 minute  
**Possible type of installation**  
fixed or portable in vertical position

### TECHNICAL DATA

MODEL	CODE
NOVA 180 MA	60198429H
NOVA 180 MNA	60200868H
NOVA 200 MNA	60200869H
NOVA 300 MA	60198428H
NOVA 600 MA	60198425H
NOVA 600 MNA	60200870H

ELECTRICAL DATA							Pallet Qty
VOLTAGE 60 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR		
		kW	HP		μF	Vc	
115-120	0.3	0.1	0.2	2.9	12.5	250	72
115-120	0.3	0.1	0.2	2.9	12.5	250	72
115-120	0.4	0.2	0.3	3.8	20	250	72
115-120	0.4	0.2	0.3	3.9	20	250	72
115-120	0.7	0.5	0.6	6.4	20	250	48
115-120	0.7	0.5	0.6	6.4	20	250	48

## NOVA UP SUBMERSIBLE PUMPS



nova up M-A



nova up M-NA

Vertical flow drainage pump in an automatic or manual version with removable filter for suction down to 0.1inch, features that make it a strong pump and allow for installation versatility. These pumps can be used with liquids that contain solids of a maximum size up to 0.4 in. Pump body, impeller, Cap and grille in technopolymer. The motor, rotor shaft and screws in stainless steel. Triple O-ring seal with interposed oil Chamber. Asynchronous submersible motor for continuous operation. Stator in a sealed stainless steel enclosure. Rotor mounted on ball bearings greased for life and oversized. Thermal protection incorporated and CAPACITOR permanently connected. In compliance with CSA Standards C22.2 No.108 - 14, UL Standard No. 778.

**Operating range**  
from 4.4 to 66 GPM with TDH up to 33 ft  
**Liquid temperature range**  
from 32°F to +95°F  
**Type of pumped liquid**  
grey waters without fibers  
**Minimum depth of draft**  
NOVA UP-300M - 4.7 in  
NOVA UP 300M - 2.4 in  
NOVA UP 600M - 6.5 in  
NOVA UP 600M - 2.8 in  
**Maximum immersion depth** 23 ft  
**Installation** vertical, fixed or portable  
**Degree of protection** IP 68  
**Insulation class** F

### TECHNICAL DATA

MODEL	CODE
NOVA UP 300 MA	60164179.
NOVA UP 600 MA	60164180.
NOVA UP 300 MNA	60164181.
NOVA UP 600 MNA	60164182.

ELECTRICAL DATA							Pallet Qty
VOLTAGE 60 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR		
		kW	HP		μF	Vc	
115	0.38	0.17	0.23	2.8	12.5	250	39
115	0.78	0.45	0.61	5.6	20	250	26
115	0.38	0.17	0.23	2.8	12.5	250	39
115	0.78	0.45	0.61	5.6	20	250	26

# MTO - SEASONAL PRODUCTS

## VERTY NOVA

### INTEGRATED FLOAT SWITCH SUBMERSIBLE PUMPS



Submersible pumps specifically designed for uses in narrow pits with dimensions down to 7.9 in x 7.9 in. Suitable to pump clear water containing particles with maximum diameter up to 0.2 in.

#### Pump with built-in float switch

Anti-corrosive and rust-proof materials.

Integrated float switch.

Low suction capability: 0.1 in (manual mode).

Very low priming and STARTING level of the pump:

0.4" – 0.6" in (manual mode).

Lever for manual or automatic operation.

Easy access through sliding cover to float switch for cleaning.

Motor with thermal overload protection.

Excellent cooling of the motor that enables the pump to operate even when it is partially submerged.

Supplied with power cable with plug, non return valve and 4-step fitting.

In compliance with CSA Standards C22.2 No.108 - 14, UL Standard No. 778 starting from June 2021.

#### Flow rate minimum and maximum

from 4.4 to 51.8 GPM

#### Head up to

29.7 ft

#### Liquid temperature range

from 32°F to +95°F

#### Pumped liquid

grey water without fibres

#### Pump priming limit

0.4" - 0.6" in manual operation

#### Max. immersion depth

23 ft

## TECHNICAL DATA

MODEL	CODE
VERTY NOVA 206 M	60146276H
VERTY NOVA 406 M	60146278H

ELECTRICAL DATA							Pallet Qty
VOLTAGE 60 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR		
		kW	HP		μF	Vc	
1x115V~	0.33	0.18	0.25	2.7	12.5	250	40
1x115V~	0.67	0.37	0.5	7	20	250	40

## FEKA 40<sup>th</sup>

### SUBMERSIBLE PUMPS FOR EFFLUENT



FEKA M-A

FEKAM-NA



Submersible pumps suitable for draining and lifting effluent wastewater and rainwater in residential building service. The pumps have been redesigned on the occasion of the forty year anniversary, making them even more reliable, resistant and ergonomic.

The impeller in technopolymer allows the passage of solid bodies up to 1 in. The pumps are designed for fixed or mobile installations and are available in automatic versions with integrated float switch or in manual version without float.

The pump body and the inlet grid are in technopolymer, the motor shaft in AISI 431 motor shaft suitable for light salty water.

Robust and reliable, they have a triple ring seal in oil bath and an asynchronous motor with continuous service. Stator inserted in an airtight stainless steel casing and rotor mounted on oversized ball bearings to increase its durability.

Thermal protection incorporated in all single-phase versions. the pumps can run dry for up to 1 minute. New sealed cable gland design and new motors, more compact and efficient. Impeller bolt sealing to prevent corrosion at bolt motor shaft. In compliance with CSA Standards C22.2 No.108 - 14, UL Standard No. 778.

#### Flow rate minimum and maximum

from 4.4 to 52.8 GPM

#### Head up to

21.2 ft

#### Type of pumped liquid

drainage water, mostly clean, rainwater

#### Free passage

1"

#### Liquid temperature Range

from 32°F to +95°F

#### Outlet connection

threaded 1" 1/4

#### Impeller material

technopolymer

#### Class of protection

IP 68

#### Motor insulation class

F

#### Possible type of installation

fixed or portable in vertical position

## TECHNICAL DATA

MODEL	CODE
FEKA 300 MA	60198427H
FEKA 300 MNA	60200871H
FEKA 600 MA	60198424H
FEKA 600 MNA	60200872H

ELECTRICAL DATA							Pallet Qty
VOLTAGE 60 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR		
		kW	HP		μF	Vc	
115-120	0.4	0.2	0.3	4.0	20	250	72
115-120	0.4	0.2	0.3	4.0	20	250	48
115-120	0.7	0.5	0.6	6.3	20	250	72
115-120	0.7	0.5	0.6	6.3	20	250	18

# MTO - SEASONAL PRODUCTS

## CLEAR ANSWER



Submersible pumps to circulate water in garden ponds, create water falls and play water features. Designed to work in both horizontal and vertical installations.

Suitable to pump clear water containing particles with maximum diameter up to 1/3".

- Circulating water in Garden ponds
- Water falls
- Fountains
- Water features

In compliance with CSA Standards C22.2 No.108 - 14, UL Standard No. 778.

**Flow rate minimum and maximum**  
from 4.4 to 70 GPM

**Head up to** 34 ft

**Liquid temperature range**  
from 32°F to +95°F

**Type of pumped liquid**  
Pond waters without fibers

## TECHNICAL DATA

MODEL	CODE	HP	WATTS	VOLTS	FREQUENCY	AMPS	MAX SOLIDS	MAX FLOW	MAX HEAD	DISCHARGE	Pallet Qty
CLEAR ANSWER 1	60160007	1/4	280	115	60 Hz	2.4	0.3"	31 gpm	21 ft	1" 1/4 NPT	54
CLEAR ANSWER 2	60160011	1/3	370	115	60 Hz	3.4	0.4"	44 gpm	30 ft		
CLEAR ANSWER 3	60160014	1/2	820	115	60 Hz	7.6	0.4"	70 gpm	34 ft		

## SOLID ANSWER



Submersible pumps to circulate water in garden ponds, create water falls and play water features. Designed to work in both horizontal and vertical installations.

Suitable to pump clear water containing particles with maximum diameter up to 1" 1/4.

- Circulating water in Garden ponds
- Water falls
- Fountains
- Water features

In compliance with CSA Standards C22.2 No.108 - 14, UL Standard No. 778.

**Flow rate minimum and maximum**  
from 4.4 to 54 GPM

**Head up to** 29.5 ft

**Liquid temperature range**  
from 32°F to +95°F

**Type of pumped liquid**  
Pond waters without fibers containing particles with maximum diameter up to 1" 1/4.

## TECHNICAL DATA

MODEL	CODE	HP	WATTS	VOLTS	FREQUENCY	AMPS	MAX SOLIDS	MAX FLOW	MAX HEAD	DISCHARGE	Pallet Qty
SOLID ANSWER 4	60161595	1/4	235	115	60 Hz	1.9	1" 1/4	24 gpm	11.5 ft	1" 1/4 NPT	54
SOLID ANSWER 5	60161596	1/3	320	115	60 Hz	2.4	1" 1/4	32 gpm	16.4 ft		
SOLID ANSWER 6	60161597	1/2	880	115	60 Hz	8.0	1" 1/4	54 gpm	29.5 ft		

# MTO - SEASONAL PRODUCTS

## FEKA BVP



Powerful submersible pumps for drainage and emptying duty. Designed for pumping sewage water containing solid particles of no more than 1.5 in in diameter. Anti-corrosion and anti-oxidation materials. Motor with THERMALPROTECTION against overheating. Wear-resistant motor shaft and impeller. Excellent motor cooling to allow pump to run even when only partially submerged. Automatic version equipped with float switch for automatic STARTING and stopping of the pump, and Manual version. Equipped with power cable with plug, and 3-level union, without check valve. In compliance with CSA Standards C22.2 No.108 - 14, UL Standard No. 778.

### Operating range

from 4.4 to 105.7 GPM with head up to 39 ft

### Liquid temperature range

from 32°F to +95°F

### Pumped liquid

Sewage water with maximum solid particle size 1.5 in

**Max. immersion depth** 23 ft

## TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA							Pallet Qty
		VOLTAGE 60 Hz	P1 MAX kW	P2 NOMINAL		In A	CAPACITOR		
				kW	HP		μF	Vc	
FEKA BVP 700 M-A	60152204	1x115 V~	1.10	0.71	0.95	10.4	30	250	27
FEKA BVP 750 M-A	60146279	1x115 V~	1.10	0.71	0.95	10.5	30	250	27

## NOVA 4100



**Submersible pumps specifically designed for the recirculation of water in ponds, to create waterfalls and water features.**

Suitable for continuous operation.

### CONSTRUCTION FEATURES OF THE PUMP

Hydro resistant technopolymer pump body, wear-free impellers, cover, and suction grid. Corrosion and oxidation resistant materials.

### CONSTRUCTION FEATURES OF THE MOTOR

Submersible type continuous duty asynchronous motor.

Thermal overload protection.

Wear-resistant motor shaft.

In compliance with CSA Standards C22.2 No.108 - 14, UL Standard No. 778.

### Operating range

from 1.4 to 60 GPM with head up to 31 ft

### Liquid temperature range

from 32°F to +95°F

### Pumped liquid

Pond water with maximum solid particle size 0.4 in

**Max. immersion depth** 22 ft

**Cable length** 100ft

## TECHNICAL DATA

MODEL	CODE	ELECTRICAL DATA					Pallet Qty
		VOLTAGE 60 Hz	P1 MAX kW	P2 NOMINAL		In A	
				kW	HP		
NOVA 4100 V115/60 100' SJTOW	60176098	1x115 V~	0.67	0.38	0.5	7.1	54
NOVA 4100 V230/60 100' SJTOW	60178448	1x230 V~	0.67	0.38	0.5	3.2	54



## NOTES

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# On-line product selection

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