

WATER•TECHNOLOGY

# CARING FORTHE FUTURE

USA CATALOG 60Hz







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 pressure109 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>

#### **TECHNICAL DATA**

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

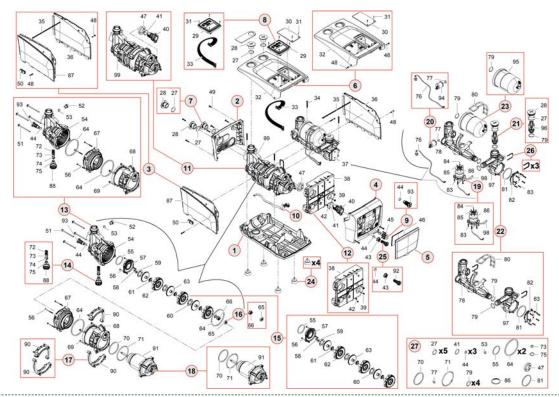
MODEL	CODE
ESYBOX MINI <sup>3</sup> DV NPT USA PLUG	60212610

No	ELECTRICAL DATA				HYDRAULIC DATA									DAIM	D. II. I	
N° IMPELLERS	VOLTAGE P1		P1 MAX		Q=GPM	2.6	5.3	7.9	10.6	13.2	15.8	18.5	21.1	DNA NPT	DNM NPT	Pallet Qty
	50 - 60 Hz	kW	HP	A	Q=GFIVI	2.0	0.0	7.9	10.0	13.2	10.0	10.0	21.1			
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
	Kit complete with brackets, screws, dowels and two anti-vibration feet for absorption of vibrations.	60161442
	Esycover allows the installation of ESYBOX MINI <sup>3</sup> outside, protecting it from rain.  Vertical installation only.	60203667
	Esytwin is the evolution of Esydock, of which maintains all the benefits, for the creation of two groups of pumps.  Esytwin offers exceptional performance thanks to possibility of combined operation with a reduced size of 50% compared to any other equivalent traditional system.	60218780
Control Cold	The electronic expansion module allows Esybox & Esybox 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
	1" stainless steel Union KIT PIPE UNION 3PCS MF 1" WITH 0-RING NPT	60220601



# ESybox mini



POS#	PARTS	PARTS DESCRIPTION	FOR VERSION	CODE
Pos 8	31 20 20 20 20 20 20 20 20 20 20 20 20 20	(SP) HMI ASS.Y	N.4,5	SP00007063
1000	a	(61) 111111/100.11	N.6	SP00007858
Pos 9	9 44 93	(SP) CHARGE PORT CAP	N.2,3,4,5,6	SP00002183
Pos 12	12 30 42 30	(SP) MAIN ASS.Y DAB	N.5,6	SP00007474
Pos 14	72 73 74 75 88	(SP) SELFPRIMING SHUTTER POM	N.2,3,4,5,6	SP00002189
Pos 19	85 86 85 98	(SP) KIT FLOWMETER	N.2,3,4,5,6	SP00002195
Pos 20	20 77 P	(SP) PRESSURE SENSOR 0-16 BAR	N.2,3,4,5,6	SP00002196
Pos 21	21) 28 27 27 10 96	(SP) COMPLETE NVR	N.2,3,4,5,6	SP00002197
Pos 23	23) 95	(SP) TANK 100cc	N.2,3,4,5,6	SP00002199
Pos 27	77 57 41 55 64 3 47 77 79 6x4 6x4 6x5 6x6 7x2 6x75 7x7 7x7 7x9 6x4 6x6 7x8	(SP) KIT O-RING	N.2,3,4,5,6	SP00002239







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 advansed 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, nonaggressive, 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

#### Certification

Approved to NSF61, 372, UL and CSA standards

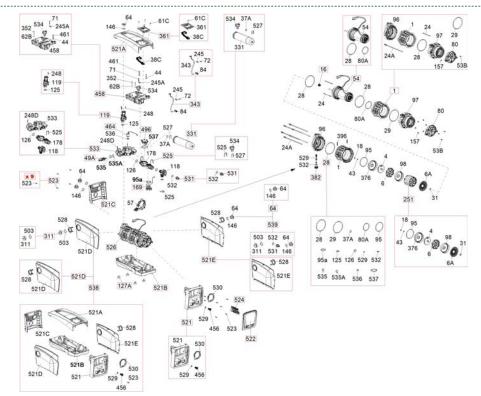
MODEL	CODE
ESYBOX - NPT US PLUG	60212311

ELECTRICAL DATA					HYDRAULIC DATA													
VOLTAGE 50 - 60 Hz	P1 I	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	Pallet Qty
1x220-240 V ~	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
	Kit complete with brackets, screws, dowels and two anti-vibration feet for absorption of vibrations.	60161442
CAGI	Esycover allows the installation of ESYBOX outside, protecting it from rain.  Vertical installation only.	60203667
	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 Esybox.	60150514
	Esytwin is the evolution of Esydock, of which maintains all the benefits, for the creation of two groups of pumps.  Esytwin offers exceptional performance thanks to possibility of combined operation with a reduced size of 50% compared to any other equivalent traditional system.	60162081
Sector Add a	The electronic expansion module allows Esybox & Esybox 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
	1" stainless steel Union KIT PIPE UNION 3PCS MF 1" WITH 0-RING NPT	60220601



# Esybox



POS#	PARTS	PARTS DESCRIPTION	FOR VERSION	CODE
Pos 49A	49A-	(SP) NON RETURN VALVE GULF TYPE E.SYBOX	N.1,2,3	SP00000148
Pos 127A	127A & &	(SP) ANTI VIBRATION FEET	N.1,2,3	SP00000145
Pos 169	169 95a 169 169	(SP) FLOWMETER COVER WITH SENSOR E.SYBOX	N.1,2,3	SP00000147
Pos 251	18 95 100 4 98	(SP) COMPLETE HYDRAULIC KIT FOR E.SYBOX	N.1,2	SP00000158
P08 201	251-43 376 6 0 0 31	(SP) COMPLETE HYDRAULIC KIT FOR E.SYBOX V2 New	N.3	SP00008451
Pos 331	331 37A 37A	(SP) WATER TANK GWS 2-LITERS E.SYBOX	N.1,2,3	SP00000146
Dog 901	,_61C 361	(SP) HMI SCREEN E.SYBOX	N.1,2	SP00000135
Pos 361	<b>2</b> -38C	(SP) HMI SCREEN E.SYBOX V2 new	N.3	SP00008378
Pos 382	382 532	(SP) SELF-PRIMING SHUTTER E.SYBOX	N.1,2,3	SP00000159
Pos 458	352 <sup>534</sup> 1-245A	(SP) MAIN BOARD E.SYBOX	N.1,2	SP00000136
FUS 400	458 62B 444	(SP) MAIN BOARD E.SYBOX V2 New	N.3	SP00008380
Pos 464	464 536	(SP) PRESSURE SENSOR ASS. E.SYBOX	N.1,2,3	SP00000150
Pos 531	531 532 531	(SP) FILLING PORT CAP 3/4 GAS E.SYBOX	N.1,2,3	SP00000151





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 uo to 14 floors.

Each unit uses the ESYDOCK Max docking station to connect the pumping unit to the pipeing 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

## TECHNICAL DATA

ESybox max

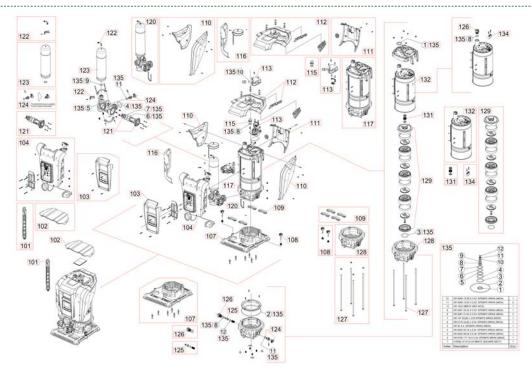
MODEL (only pump unit)	CODE
ESYBOX MAX 45/120 M - CSA	60217370
ESYBOX MAX 60/120 M - CSA	60207561
ESYBOX MAX 60/120 T - CSA	60207560
ESYBOX MAX 85/120 T- CSA	60207559

	ELI	ECTRICAL	. DATA	May flour	May Head	in lake and an Allak	WEIGHT	D. II .		
N°	VOLTAGE	P1 MAX		In	SET POINT	Max flow gpm	Max Head Ft	inlet and outlet NPT	WEIGHT lbs	Pallet Qty
IMPELLERS	50 - 60 Hz	kW	HP	А	PSI					
3	1x208-240 V ~	1.97	2.68	9.4	15 -174	63	195	1"1/4 / 2"	63.9	6
3	1x208-240 V ~	2.68	3.6	12.5 -11.5	15 -174	76	227	1"1/4 / 2"	63.9	6
3	3x380-480 V ~	2.65	3.5	4.4	15 -174	76	227	1"1/4 / 2"	63.9	6
4	3x380-480 V ~	3.50	4.7	5.6	15 -174	76	316	1"1/4 / 2"	66.1	6

ACCESSORIES	MODEL	CODE
	ESUDOCK MAX SINGLE PUMP DOCK WITH 2" NPT THREADS	60199045
	ZESYDOCK MAX TWIN PUMP DOCK WITH 2" NPT THREADS	60199055
	TRIPPLE PUMP DOCK WITH 2" NPT THREADS	60199056
	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



## ESYDOX MAX



POS#	PARTS	PARTS DESCRIPTION	FOR VERSION	CODE
Pos 102	102	(SP) ESYBOXMAX - TOP COVER	All EsyBox Max Range	SP00006685
	(Pan	(SP) ESYBOXMAX - HMI ASS.Y 60/120 M CSA	EsyBox Max 45 & 60/120 M	SP00007136
Pos 103		(SP) ESYBOXMAX - HMI ASS.Y 60/120 T CSA	EsyBox Max 60/120 T	SP00007137
	103	(SP) ESYBOXMAX - HMI ASS.Y 85/120 T CSA	EsyBox Max 85/120 T	SP00007138
Pos 104	104	(SP) ESYBOXMAX - MAIN BOARD ASS.Y 1PH CSA	EsyBox Max Single phase	SP00007140
103 104	19:32	(SP) ESYBOXMAX - MAIN BOARD ASS.Y 3PH CSA	EsyBox Max Three phase	SP00007139
Pos 115	115	(SP) EYEBOLT 3/4"	All EsyBox Max Range	SP00006698
Pos 116	116	(SP) ESYBOXMAX - TANK HULL	All EsyBox Max Range	SP00006699
Pos 121	121	(SP) ESYBOXMAX - NRV GROUP	All EsyBox Max Range	SP00006704
Pos 122	122	(SP) SCHRADER AIR VALVE 90°	All EsyBox Max Range	SP00006705
Pos 123	123	(SP) WATER TANK 2L	All EsyBox Max Range	SP00006706
Pos 124	0 @ \$\limits \dots	(SP) PRESSURE SENSOR 0-16Bar 0,5-3,5V	All EsyBox Max Range	SP00008137
Pos 125	125	(SP) SELFPRIMING SHUTTER	All EsyBox Max Range	SP00006708
Pos 135	135 (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	(SP) ESYBOX MAX- O RING KIT	All EsyBox Max Range	SP00006718





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

Approved to NSF61, 372, UL and CSA standards

## ESYPOX DIVEL

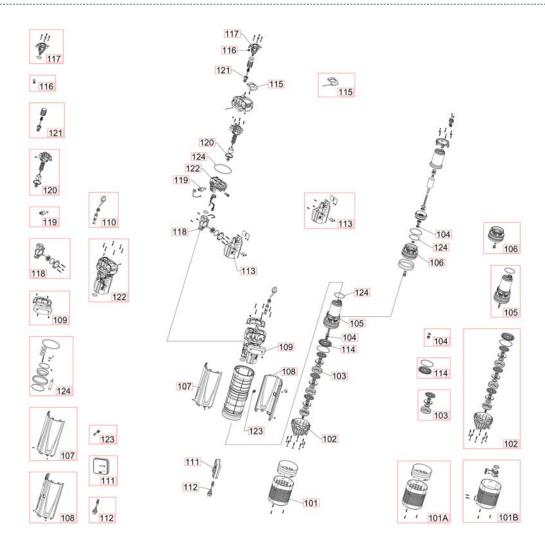
MODEL	CODE
ESYBOX DIVER	60197922
ESYBOX DIVER X	60202768

	ELECTRICAL DATA				HYDRAULIC DATA							<b>5</b>							
	VOLTAGE	P1 MAX	P2 N0	MINAL	In	Q=GPM	0	2.6	5.3	7.9	10.6	13.2	15.8	18.5	21.1	23.8	26.4	29	Pallet Qty
ı	VULIAGE	kW	kW	HP	A	Q=urivi	U	2.0	0.0	7.9	10.0	.0 13.2 13.6	10.0	10.0	21.1	23.0	20.4	29	
	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
	1 x 220-240 V ~	1.3	0.95	1.3	5.5	H	180	180	180	180	180	180	174	144	112	85	56	25	15

ACCESSORIES	MODEL	CODE
85600	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
	NFC WATER LEVEL MEASUREMENT  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
	NFC FLOAT  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
	DOC68  The DOC68 permits installation of the DTron and Esybox Diver even outdoors as an IP68 certified surface pump.	60192276



## ESYPOX DIVEL



P0S#	PARTS	PARTS DESCRIPTION	FOR VERSION	CODE
Pos 101		(SP) ESYBOX DIVER - FILTER BASE	EsyBox Diver N 1.	SP00005042
POS 101	101A 101B	(SP) ESYBOX DIVER FILTER BASE X NPT VERSION	EsyBox Diver X version N 1.	SP00006823
Pos 102	102	(SP) ESYBOX DIVER - HYDRAULIC KIT	EsyBox Diver N 1.	SP00005662
Pos 113	113	(SP) ESYBOX DIVER - PCB 220v60Hz 1PH CSA	EsyBox Diver N 1.	SP00005667
Pos 118	118	(SP) ESYBOX DIVER - FLOW SENSOR	EsyBox Diver N 1.	SP00005669
Pos 119	119	(SP) ESYBOX DIVER - PRESSURE SENSOR 0-10 Bar	EsyBox Diver N 1.	SP00005057
Pos 121	f   121	(SP) ESYBOX DIVER - NRV - CHECK VALVE	EsyBox Diver N 1.	SP00005059





שדוסח 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

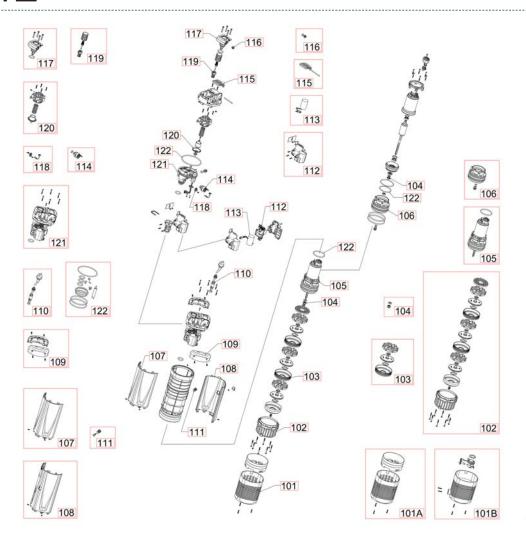
MODEL	CODE
<b>DTRON2 35/90 -</b> 115V/60HZ NPT - NSF	60197689
<b>DTRON2 45/90 -</b> 115V/60HZ NPT- NSF	60195643
<b>DTRON2 35/120 -</b> 115V/60HZ NPT - NSF	60197690

VOLTAGE	P2 N0	P1 MAX	ln	Max Head	Max Flow	Pallet	
60 Hz	kW	HP	W	A	ft	gpm	Qty
115/60	0.52	0.7	750	7.4	118	26	15
115/60	0.67	0.9	1050	9.7	134	26	15
115/60	0.67	0.9	950	8.8	146	34	15

ACCESSORIES	DESCRIPTION	CODE
	NFC FLOAT  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
	D0C68  The D0C68 permits installation of the DTron and Esybox Diver even outdoors as an IP68 certified surface pump.	60192276
	SUCTION KIT NPT X  The 1" NPT floating extraxtor suction hose kit is 3ft long with a suction strainer	60214859



## שדוסח ב



P0S #	PARTS	PARTS DESCRIPTION	FOR VERSION	CODE
Pos 101		(SP) FILTER BASE	DTRON2 N 1,2	SP00005042
F05 101	101A 101B	(SP) FILTER BASE X NPT VERSION	DTRON2 X version N 1,2	SP00006823
		(SP) HYDRAULIC KIT 35/90 60Hz	DTRON2 35/90 N 1.	SP00006831
Pos 102	102	(SP) HYDRAULIC KIT 45/90 60Hz	DTRON2 45/90 N 1,2	SP00006829
	102	(SP) HYDRAULIC KIT 35/120 60Hz	DTRON2 35/120 N 1,2	SP00006830
Pos 112	-5-10 112	(SP) PCB DTRON2 115v60Hz 1PH CSA	DTRON2 N 1,2	SP00006807
Pos 113	113	(SP) CAPACITOR SO 35UF 275V	DTRON2 N 1,2	SP00006811
Pos 114	114	(SP) PRESSURE SWITCH 2.4 Bar	DTRON2 N 1,2	SP00005070
Pos 119	119	(SP) NRV - CHECK VALVE	DTRON2 N 1,2	SP00005316





DT(On 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-crystalized 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

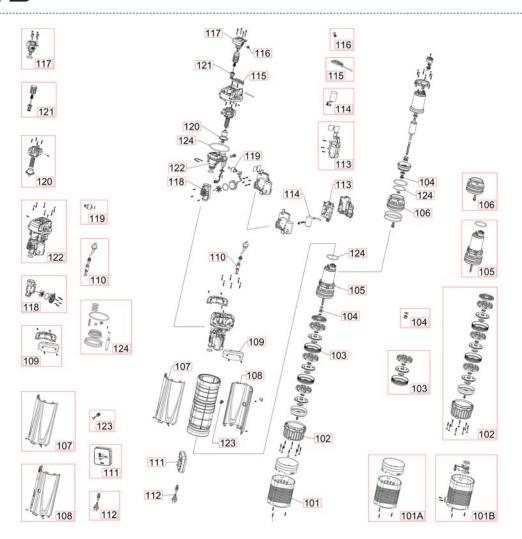
MODEL	CODE
<b>DTRON3 35/90 -</b> 115V/60HZ NPT - NSF	60197699
<b>DTRON3 45/90 -</b> 115V/60HZ NPT- NSF	60195642
<b>DTRON3 35/120 -</b> 115V/60HZ NPT - NSF	60197703

VOLTAGE	P2 N0	MINAL	P1 MAX	In Max		Max Flow	Pallet
60 Hz	kW	HP	W	A	ft	gpm	Qty
115/60	0.52	0.7	750	7.4	118	26	15
115/60	0.67	0.9	1050	9.7	134	26	15
115/60	0.67	0.9	950	8.8	146	34	15

ACCESSORIES	DESCRIPTION	CODE
	NFC WATER LEVEL MEASUREMENT  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
	NFC FLOAT  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
	D0C68  The D0C68 permits installation of the DTron and Esybox Diver even outdoors as an IP68 certified surface pump.	60192276



## DT(On 3



P0S#	PARTS	PARTS DESCRIPTION	FOR VERSION	CODE
Dog 101		(SP) FILTER BASE	DTRON3 N 1,2	SP00005042
Pos 101	101A 101B	(SP) FILTER BASE X NPT VERSION	DTRON3 X version N 1.	SP00006823
		(SP) HYDRAULIC KIT 35/90 60Hz	DTRON3 35/90 N 1.	SP00006831
Pos 102	102	(SP) HYDRAULIC KIT 45/90 60Hz	DTRON3 45/90 N 1,2	SP00006829
	102	(SP) HYDRAULIC KIT 35/120 60Hz	DTRON3 35/120 N 1,2	SP00006830
Pos 113	113	(SP) PCB DTRON3 115v60Hz 1PH CSA	DTRON3 N 1,2	SP00006806
Pos 114	£ 114	(SP) CAPACITOR SO 35UF 275V	DTRON3 N 1,2	SP00006811
Pos 119	119	(SP) ESYBOX DIVER - PRESSURE SENSOR 0-10 Bar	DTRON3 N 1,2	SP00005057
Pos 121	§ 121	(SP) NRV - CHECK VALVE	DTRON3 N 1,2	SP00005059





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
JET 150-PS	102166230.
JET 200-PS	102166240.

ELECTRICAL DATA							Pallet			
	VOLTAGE	P1 MÁX	P2 NOMINAL		P2 NOMINAL In CAPACITOR		CAPACITOR			
	60 Hz	kW	kW	HP	A	μF	Vc	Qty		
	1X230 V~	1.7	1.1	1.5	8	31.5	450	6		
	1X230 V~	2.4	1.5	2	11	40	450	6		

## **MTO - SEASONAL PRODUCTS**





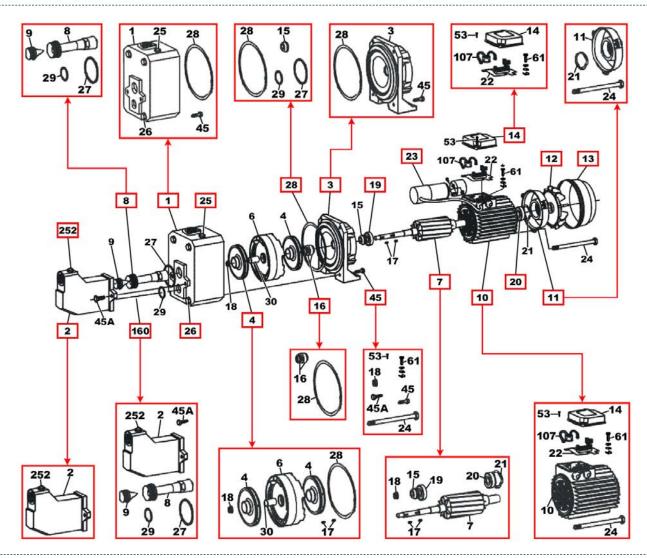


MODEL	CODE
JET 50-PS	102668110.
JET 75-1-PS	102668140.
JET 100-1-PS	102668150.
JET 300-PS	102166250.

ELECTRICAL DATA								
VOLTAGE	P1 MÁX	P2 N0	MINAL	In	CAPACITOR		Pallet Qty	
60 Hz	kW	kW	HP	A	μF	Vc		
1X115/230 V~	0.93	0.37	0.5	8.21- 4.22	50	450	18	
1X115/230 V~	0.95	0.56	0.75	8.55 - 4.33	50	250	18	
1X115/230 V~	1.57	0.75	1	14.7 - 7.52	80	250	18	
1X230 V~	2.65	2.2	3	12	40	450	6	



# JET



P0S #	PARTS	PARTS DESCRIPTION	FOR VERSION	CODE
Pos 4	1 A A A A	(SP) IMPELLER KIT JET	JET 150 M 60 HZ USA	R00008207
F05 4		(SP) IMPELLER KIT JET	JET 200 M 60 HZ USA	R00008214
Pos 16	16 16 36 16 A	(SP) MECHANICAL SEAL KIT D.13	JET 50 / 72-1 / 100-1 60HZ	R00009475
P05 10	16-	(SP) MECHANICAL SEAL KIT D.15	JET 150 / JET 200 M 60HZ USA	R00007849
	16 28	(SP) MECHANICAL SEAL KIT D.17	JET 300 M 60HZ	R00005210
	23	(SP) CAPACITOR 50uF	JET 50 /75-1 M 60HZ USA	R00009643
Dog 22		(SP) CAPACITOR 80uF	JET 100-1 M 60HZ USA	R00010692
Pos 23	22	(SP) CAPACITOR 31.5uF	JET 150 M 60HZ USA	R00008206
	23	(SP) CAPACITOR 40uF	JET 200 M & JET 300 M USA	R00010175



## EULOIDOX

#### **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

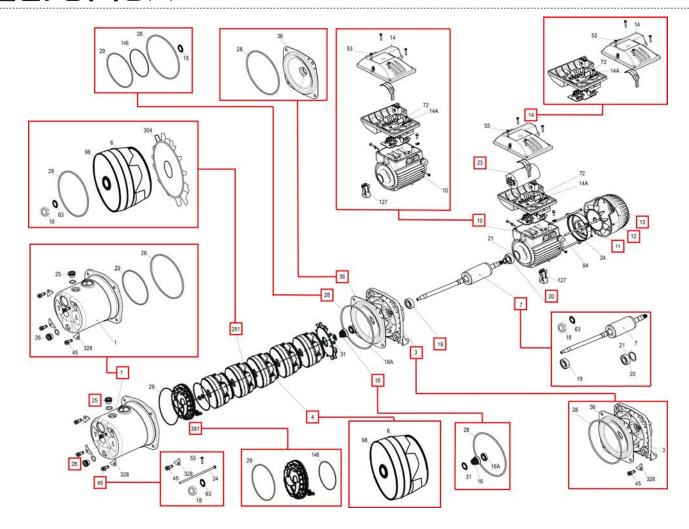
MODEL	CODE
EUROINOX 30/506 M	60119514
EUROINOX 40/506 M	60119515
EUROINOX 50/506 M	60119516
EUROINOX 40/806 M	60119519

ELECTRICAL DATA							
VOLTAGE	P1 MÁX	P2 NOMINAL		ln	CAPA	CITOR	Pallet Qty
60 Hz	kW	kW	HP	A	μF	Vc	
1X115/230 V~ dual VOLTAGE	0.94	0.5	0.75	8.31- 4.28	50	250	28
1X115/230 V~ dual VOLTAGE	1.3	0.8	1.1	13.0- 6.6	80	250	28
1X115/230 V~ dual VOLTAGE	1.5	1	1.36	14.6- 7.4	80	250	28
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
	Can be used with either 115 Vac or 230 Vac. Starts and stops the pump depending on opening and closing of the taps.	MCDV232101 1" 32 PS	109640410
Masconton  Other  Other	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	MCDV242101 1" 44 PS	109640420
	function.  No need for an expansion tank, check valve, filter or fittings.	MCDV232114 1 1/4" 32 PSI	109640450
MASCONTROL	Can be installed on surface and submersible pumps up to 16 amps Maintenance free.	MCDV242114 1 1/4" 44 PSI	109640460
REPLACEMENT ELECTRONIC BOX	Replacement dual voltage 115/230v Electric Box for MASCONTROL & CONTROLPRESS pump controllers	REPLACEMENT ELECTRIC BOX	140049040
CONTROLPRESS	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.	MCDV114PR 1 1/4" 35-100 PSI	109640360



## EULOIDOX



POS #	PARTS	PARTS DESCRIPTION	FOR VERSION	CODE
	X City by Model 304	(SP) HYDRAULIC KIT EUROINOX	EUROINOX 30/506	R00008389
Pos 251	38 251	(SP) HYDRAULIC KIT EUROINOX	EUROINOX 40/506	R00008405
F08 201	() (0) (1)	(SP) HYDRAULIC KIT EUROINOX	EUROINOX 50/506	R00008405
	O s	(SP) HYDRAULIC KIT EUROINOX	EUROINOX 40/806	R00008394
Pos 16	28 0 16A 31 16	(SP) MECHANICAL SEAL KIT D.15	EUROINOX Range	R00008800
Dog 22	23	(SP) CAPACITOR 50uF	EUROINOX 30/506	R00009643
Pos 23		(SP) CAPACITOR 80uF	EUROINOX 40/506 & 50/506 M EUROINOX 40/806 M	R00010692





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

- psi

#### **Protection level**

IP 44 (IP 55 terminal board protection)

**Insulation class** F

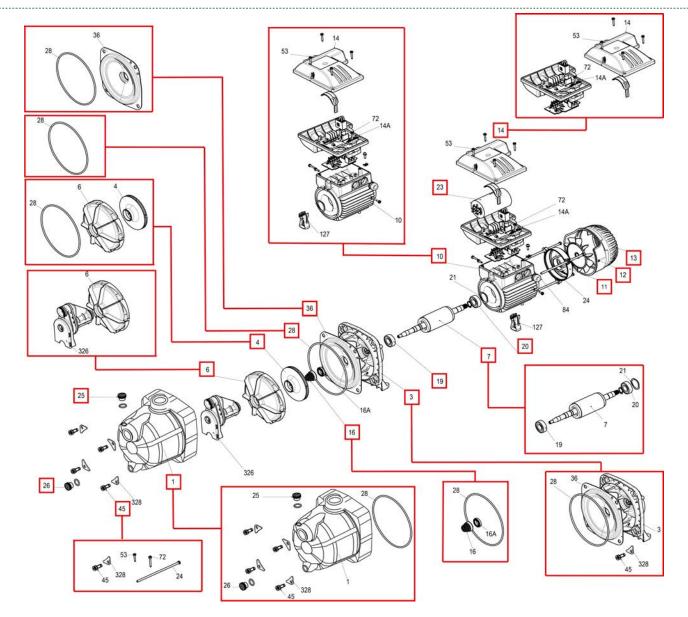
#### **TECHNICAL DATA - JETCOM**

MODEL	CODE
JETCOM 62 M	60119498
JETCOM 82 M	60119499
JETCOM 102 M	60119500
JETCOM 132 M	60119501

ELECTRICAL DATA							D. II .		
VOLTAGE	P1 P2 N		OMINAL In		P2 NOMINAL		CAPA	CITOR	Pallet Qty
60 Hz	kW	kW	HP	A	μF	Vc			
1X115/230 V ~ dual VOLTAGE	0.93	0.44	0.6	6.53- 5.25	50	450	28		
1X115/230 V ~ dual VOLTAGE	0.93	0.5	0.8	8.21- 4.22	50	450	28		
1X115/230 V ~ dual VOLTAGE	1.12	0.75	1	10.3- 5.25	50	450	28		
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
	6 4	(SP) IMPELLER KIT JET	JET COM 62 & 82	R00008164
Pos 4		(SP) IMPELLER KIT JET	JET COM 102	R00010072
		(SP) IMPELLER KIT JET	JET COM 132	R00008178
Pos 16	28 16 16	(SP) MECHANICAL SEAL KIT D.13	JET COM 62 -82-102-132	R00010429
	23	(SP) CAPACITOR 40uF	JET COM 62 M	R00010752
Pos 23		(SP) CAPACITOR 50uF	JET COM 82 M	R00009643
		(SP) CAPACITOR 80uF	JET COM 102 & 132 M	R00010692





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 andabrasive 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



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	P2 N0	MINAL	flow	ln	
60 Hz	kW	HP	gpm	A	
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
		(SP) MOTOR 3" 2W HP 0.5 M 230/60 TESLA CSA	\$3 5/05 \$3 10/05 \$3 15/05	SP00007755
Pos 1	1	(SP) MOTOR 3" 2W HP 0.75 M 230/60 TESLA CSA	\$3 5/07 \$3 10/07 \$3 15/07	SP00007757
		(SP) MOTOR 3" 2W HP 1.0 M 230/60 TESLA CSA	\$3 5/10 \$3 10/10 \$3 15/10	SP00007758
Pos 18	18 18	(SP) S3 CABLE	S3 RANGE	R00010429
Pos 23	23 / 21	(SP) S3 FILTER SCREEN	S3 RANGE	R00010752
		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
	48a	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
Pos 26	25 — 26 — 26	PUMP END S3 10 GPM 27 STAGE 60HZ	S3 10/07 60HZ	60206217
	24	PUMP END S3 10 GPM 31 STAGE 60HZ	S3 10/10 60HZ	60206218
	21	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





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:

- 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 andabrasive 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 &3 72 approved

#### **TECHNICAL DATA**

## **5 GPM PUMPS**

MODEL	CODE
<b>S4 5/05 -</b> 0.5HP - 115V/60 2WIRE	60198632
<b>\$4 5/05 -</b> 0.5HP - 230/60 2WIRE	60198636
<b>S4 5/07 -</b> 0.75HP - 230/60 2WIRE	60198637
<b>S4 5/10 -</b> 1HP - 230/60 2WIRE	60198638
<b>S4 5/15 -</b> 1.5HP - 230/60 2WIRE	60198639
<b>S4 5/05 -</b> 0.5HP - 115V/60 3WIRE	60198655
<b>\$4 5/05 -</b> 0.5HP - 230/60 3WIRE	60198659
<b>S4 5/07 -</b> 0.75HP - 230/60 3WIRE	60198660
<b>S4 5/10 -</b> 1HP - 230/60 3WIRE	60198661
<b>S4 5/15 -</b> 1.5HP - 230/60 3WIRE	60198662

VOLTAGE MOTOR		P2 N0	MINAL	Nominal flow	Max Flow Head	ln	Discharge Size
60 Hz	TYPE	kW	HP	gpm	gpm / ft	A	NPT
115/60	4"TW - 2 WIRE	0.33	0.5	5	8 / 354	8.6	1" 1/4
230/60	4"TW - 2 WIRE	0.33	0.5	5	8 / 354	3.9	1" 1/4
230/60	4"TW - 2 WIRE	0.55	0.75	5	8 / 470	6.3	1" 1/4
230/60	4"TW - 2 WIRE	0.75	1.0	5	8 / 585	7.7	1" 1/4
230/60	4"TW - 2 WIRE	1.1	1.5	5	8 / 810	11.8	1" 1/4
115/60	4"GG - 3 WIRE	0.33	0.5	5	8 / 354	10.0	1" 1/4
230/60	4"GG - 3 WIRE	0.33	0.5	5	8 / 354	5.5	1" 1/4
230/60	4"GG - 3 WIRE	0.55	0.75	5	8 / 470	7.4	1" 1/4
230/60	4"GG - 3 WIRE	0.75	1.0	5	8 / 585	8.0	1" 1/4
230/60	4"GG - 3 WIRE	1.1	1.5	5	8 / 810	10.0	1" 1/4





## 7 GPM PUMPS

MODEL	CODE
<b>S4 7/05 -</b> 0.5HP - 115V/60 2WIRE	60198633
<b>S4 7/05 -</b> 0.5HP - 230/60 2WIRE	60198640
<b>S4 7/07 -</b> 0.75HP - 230/60 2WIRE	60198641
<b>S4 7/10 -</b> 1HP - 230/60 2WIRE	60198642
<b>S4 7/15 -</b> 1.5HP - 230/60 2WIRE	60198643
<b>S4 7/05 -</b> 0.5HP - 115V/60 3WIRE	60198656
<b>S4 7/05 -</b> 0.5HP - 230/60 3WIRE	60198663
<b>S4 7/07 -</b> 0.75HP - 230/60 3WIRE	60198664
<b>S4 7/10 -</b> 1HP - 230/60 3WIRE	60198665
<b>S4 7/15 -</b> 1.5HP - 230/60 3WIRE	60198666

VOLTAGE	tlow Hoad		MOTOR	P2 NOMINAL			In	Discharge Size
60 Hz	TYPE	kW	HP	gpm			NPT	
115/60	4"TW - 2 WIRE	0.33	0.5	7	11 / 283	8.6	1" 1/4	
230/60	4"TW - 2 WIRE	0.33	0.5	7	11 / 283	3.9	1" 1/4	
230/60	4"TW - 2 WIRE	0.55	0.75	7	11 / 389	6.3	1" 1/4	
230/60	4"TW - 2 WIRE	0.75	1.0	7	11 / 502	7.7	1" 1/4	
230/60	4"TW - 2 WIRE	1.1	1.5	7	11 /673	11.8	1" 1/4	
115/60	4"GG - 3 WIRE	0.33	0.5	7	11 / 283	10.0	1" 1/4	
230/60	4"GG - 3 WIRE	0.33	0.5	7	11 / 283	5.5	1" 1/4	
230/60	4"GG - 3 WIRE	0.55	0.75	7	11 / 389	7.4	1" 1/4	
230/60	4"GG - 3 WIRE	0.75	1.0	7	11 / 502	8.0	1" 1/4	
230/60	4"GG - 3 WIRE	1.1	1.5	7	11 /673	10.0	1" 1/4	

## **10 GPM PUMPS**

MODEL	CODE
<b>S4 10/05 -</b> 0.5HP - 115V/60 2WIRE	60198634
<b>S4 10/05 -</b> 0.5HP - 230/60 2WIRE	60198644
<b>S4 10/07 -</b> 0.75HP - 230/60 2WIRE	60198645
<b>S4 10/10 -</b> 1HP - 230/60 2WIRE	60198646
<b>S4 10/15 -</b> 1.5HP - 230/60 2WIRE	60198647
<b>S4 10/05 -</b> 0.5HP - 115V/60 3WIRE	60198657
<b>S4 10/05 -</b> 0.5HP - 230/60 3WIRE	60198667
<b>S4 10/07 -</b> 0.75HP - 230/60 3WIRE	60198668
<b>S4 10/10 -</b> 1HP - 230/60 3WIRE	60198669
<b>S4 10/15 -</b> 1.5HP - 230/60 3WIRE	60198670

VOLTAGE	MOTOR	P2 NO	MINAL	Nominal flow	Max Flow Head	ln	Discharge Size
60 Hz	TYPE	kW	HP	gpm	gpm / ft	А	NPT
115/60	4"TW - 2 WIRE	0.33	0.5	10	15 / 241	8.6	1" 1/4
230/60	4"TW - 2 WIRE	0.33	0.5	10	15 / 241	3.9	1" 1/4
230/60	4"TW - 2 WIRE	0.55	0.75	10	15 / 301	6.3	1" 1/4
230/60	4"TW - 2 WIRE	0.75	1.0	10	15 / 413	7.7	1" 1/4
230/60	4"TW - 2 WIRE	1.1	1.5	10	15 / 576	11.8	1" 1/4
115/60	4"GG - 3 WIRE	0.33	0.5	10	15 / 241	10.0	1" 1/4
230/60	4"GG - 3 WIRE	0.33	0.5	10	15 / 241	5.5	1" 1/4
230/60	4"GG - 3 WIRE	0.55	0.75	10	15 / 301	7.4	1" 1/4
230/60	4"GG - 3 WIRE	0.75	1.0	10	15 / 413	8.0	1"1/4
230/60	4"GG - 3 WIRE	1.1	1.5	10	15 /576	10.0	1" 1/4





## **15 GPM PUMPS**

MODEL	CODE
<b>S4 15/05 -</b> 0.5HP - 115V/60 2WIRE	60198635
<b>S4 15/05 -</b> 0.5HP - 230/60 2WIRE	60198648
<b>S4 15/07 -</b> 0.75HP - 230/60 2WIRE	60198649
<b>S4 15/10 -</b> 1HP - 230/60 2WIRE	60198650
<b>S4 15/15 -</b> 1.5HP - 230/60 2WIRE	60198651
<b>S4 15/05 -</b> 0.5HP - 115V/60 3WIRE	60198658
<b>S4 15/05 -</b> 0.5HP - 230/60 3WIRE	60198671
<b>S4 15/07 -</b> 0.75HP - 230/60 3WIRE	60198672
<b>S4 15/10 -</b> 1HP - 230/60 3WIRE	60198673
<b>S4 15/15 -</b> 1.5HP - 230/60 3WIRE	60198674

VOLTAGE	MOTOR	TIOW HOST		ln	Discharge Size		
60 Hz	TYPE	kW	HP	gpm			NPT
115/60	4"TW - 2 WIRE	0.33	0.5	15	21 / 163	8.6	1" 1/4
230/60	4"TW - 2 WIRE	0.33	0.5	15	21 / 163	3.9	1" 1/4
230/60	4"TW - 2 WIRE	0.55	0.75	15	21 / 229	6.3	1" 1/4
230/60	4"TW - 2 WIRE	0.75	1.0	15	21 / 301	7.7	1" 1/4
230/60	4"TW - 2 WIRE	1.1	1.5	15	21 /401	11.8	1" 1/4
115/60	4"GG - 3 WIRE	0.33	0.5	15	21 / 163	10.0	1" 1/4
230/60	4"GG - 3 WIRE	0.33	0.5	15	21 / 163	5.5	1" 1/4
230/60	4"GG - 3 WIRE	0.55	0.75	15	21 / 229	7.4	1" 1/4
230/60	4"GG - 3 WIRE	0.75	1.0	15	21 / 301	8.0	1" 1/4
230/60	4"GG - 3 WIRE	1.1	1.5	15	21 /401	10.0	1" 1/4

## **20 GPM PUMPS**

MODEL	CODE			
<b>S4 20/07 -</b> 0.75HP - 230/60 2WIRE	60198652			
<b>S4 20/10 -</b> 1HP - 230/60 2WIRE	60198653			
<b>S4 20/15 -</b> 1.5HP - 230/60 2WIRE	60198654			
<b>\$4 20/07 -</b> 0.75HP - 230/60 3WIRE	60198675			
<b>S4 20/10 -</b> 1HP - 230/60 3WIRE	60198676			
<b>S4 20/15 -</b> 1.5HP - 230/60 3WIRE	60198677			

VOLTAGE	MOTOR	P2 N0	MINAL	Nominal	Max	ln	Discharge
60 Hz	TYPE	kW	HP	flow gpm	Flow Head gpm / ft	A	Size NPT
230/60	4"TW - 2 WIRE	0.55	0.75	20	30 / 196	6.3	1" 1/4
230/60	4"TW - 2 WIRE	0.75	1.0	20	30 / 263	7.7	1" 1/4
230/60	4"TW - 2 WIRE	1.1	1.5	20	30 /321	11.8	1" 1/4
230/60	4"GG - 3 WIRE	0.55	0.75	20	30 / 196	7.4	1" 1/4
230/60	4"GG - 3 WIRE	0.75	1.0	20	30 / 263	8.0	1" 1/4
230/60	4"GG - 3 WIRE	1.1	1.5	20	30 / 321	10.0	1" 1/4

## **25 GPM PUMPS**

MODEL	CODE
<b>S4 25/10 -</b> 1HP - 230/60 2WIRE	60199005
<b>S4 25/15 -</b> 1.5HP - 230/60 2WIRE	60199006
<b>S4 25/10 -</b> 1HP - 230/60 3WIRE	60199007
<b>S4 25/15 -</b> 1.5HP - 230/60 3WIRE	60199008

VOLTAGE	MOTOR	P2 N0	MINAL	Nominal flow	Max Flow Head	In	Discharge Size
60 Hz	TYPE	kW	HP	gpm	gpm / ft	А	NPT
230/60	4"TW - 2 WIRE	0.75	1.0	25	35 / 202	7.7	1" 1/4
230/60	4"TW - 2 WIRE	1.1	1.5	25	35 / 299	11.8	1" 1/4
230/60	4"GG - 3 WIRE	0.75	1.0	25	35 / 202	8.0	1" 1/4
230/60	4"GG - 3 WIRE	1.1	1.5	25	35 / 299	10.0	1" 1/4



## **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	DESCRIPTION	CODE	Р	2	V	С	C [V]
ACCESSORIES	DESCRIPTION	GODL	[hp]	[kW]	[V]	[uF]	
	CONTROL BOX 4CBUS 0.5HP 115V 60HZ BASIC TESLA	60174729	0.5	0.37	115	250-300	125
TEN	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	DESCRIPTION	CODE	P2		V	RUN CAP		START CAP	
ACCESSORIES	DESCRIPTION	CODE	[hp]	[kW]	[V]	[μ <b>F</b> ]	[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
ansia)	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





## **PUMP ENDS**

			NUMBER		PACKING DIMENSIONS			WEIGHT	NOMINAL	Max
	MODEL	CODE	STAGES	HP	L/A (in)	L/B (in)	H (in)	(lbs)	GPM	Flow Head gpm / ft
	<b>\$4 5/05 -</b> PUMP END	60198611	11	0.5	18.9	4.5	4.5	7.3	5	8 / 354
	<b>\$4 5/07 -</b> PUMP END	60198612	15	0.75	18.9	4.5	4.5	8.6	5	8 / 470
	<b>\$4 5/10 -</b> PUMP END	60198613	18	1.0	23.6	4.5	4.5	9.7	5	8 / 585
	<b>S4 5/15</b> - PUMP END	60198614	25	1.5	33.1	4.5	4.5	11.7	5	8 / 810
	<b>S4 5/20 -</b> PUMP END	60196210	31	2.0	33.1	4.5	4.5	16.3	5	8 / 987
	<b>\$4 7/05 -</b> PUMP END	60198615	8	0.5	18.9	4.5	4.5	5.9	7	11 / 283
_	<b>\$4 7/07 -</b> PUMP END	60198616	11	0.75	18.9	4.5	4.5	7.3	7	11 / 389
	<b>\$4 7/10 -</b> PUMP END	60198617	14	1.0	23.6	4.5	4.5	8.1	7	11 / 502
	<b>S4 7/15 -</b> PUMP END	60198618	19	1.5	33.1	4.5	4.5	9.9	7	11 / 673
	<b>\$4 7/20 -</b> PUMP END	60196215	24	2.0	33.1	4.5	4.5	11.2	7	11 / 862
	<b>S4 7/30 -</b> PUMP END	60196216	33	3.0	42.5	4.5	4.5	17.2	7	11 / 1185
	<b>S4 10/05 -</b> PUMP END	60198619	7	0.5	18.9	4.5	4.5	6.2	10	15 / 241
	<b>\$4 10/07 -</b> PUMP END	60198620	10	0.75	18.9	4.5	4.5	7.0	10	15 / 301
	<b>\$4 10/10 -</b> PUMP END	60198621	12	1.0	23.6	4.5	4.5	7.7	10	15 / 413
	<b>\$4 10/15 -</b> PUMP END	60198622	17	1.5	33.1	4.5	4.5	9.2	10	15 / 576
	<b>\$4 10/20 -</b> PUMP END	60196222	22	2.0	33.1	4.5	4.5	11.0	10	15 / 746
	<b>\$4 10/30 -</b> PUMP END	60196223	29	3.0	33.1	4.5	4.5	13.2	10	15 / 931
	<b>S4 10/50 -</b> PUMP END	60196224	46	5.0	42.5	4.5	4.5	22.9	10	15 / 1476
	<b>S4 15/05 -</b> PUMP END	60198623	5	0.5	18.9	4.5	4.5	5.9	15	21 / 163
	<b>\$4 15/07 -</b> PUMP END	60198624	7	0.75	18.9	4.5	4.5	6.6	15	21 / 229
B H	<b>\$4 15/10 -</b> PUMP END	60198625	9	1.0	18.9	4.5	4.5	7.5	15	21 / 301
	<b>\$4 15/15 -</b> PUMP END	60198626	12	1.5	23.6	4.5	4.5	8.6	15	21 /401
	<b>\$4 15/20 -</b> PUMP END	60196229	616	2.0	33.1	4.5	4.5	10.3	15	21 / 531
	<b>\$4 15/30 -</b> PUMP END	60196230	23	3.0	42.5	4.5	4.5	14.1	15	21 / 763
	<b>S4 15/50 -</b> PUMP END	60196231	36	5.0	47.2	4.5	4.5	20.5	15	21 / 1194
	<b>\$4 20/07 -</b> PUMP END	60198627	6	0.75	18.9	4.5	4.5	6.2	20	30 / 196
	<b>\$4 20/10 -</b> PUMP END	60198628	7	1.0	18.9	4.5	4.5	6.6	20	30 / 263
	<b>\$4 20/15 -</b> PUMP END	60198629	10	1.5	18.9	4.5	4.5	9.9	20	30 /321
	<b>\$4 20/20 -</b> PUMP END	60196235	13	2.0	23.6	4.5	4.5	10.2	20	30 / 422
	<b>\$4 20/30 -</b> PUMP END	60196236	18	3.0	33.1	4.5	4.5	11.9	20	30 / 580
	<b>S4 20/50 -</b> PUMP END	60196237	28	5.0	33.1	4.5	4.5	18.3	20	30 / 959





## **PUMP ENDS**

	MODEL	CODE	NUMBER	HP		PACKINO MENSIO		WEIGHT	NOMINAL	Max Flow Hood
	MODEL	CODE	STAGES	пг	L/A (in)	L/B (in)	H (in)	(lbs)	GPM	Flow Head gpm / ft
	<b>S4 25/10 -</b> PUMP END	60198630	7	1.0	18.9	4.5	4.5	7.5	25	35 / 202
	<b>S4 25/15 -</b> PUMP END	60198631	10	1.5	23.6	4.5	4.5	9.0	25	35 / 299
	<b>S4 25/20 -</b> PUMP END	60196240	13	2.0	33.1	4.5	4.5	10.3	25	35 / 379
	<b>S4 25/30 -</b> PUMP END	60196241	17	3.0	33.1	4.5	4.5	12.1	25	35 / 499
	<b>S4 25/50 -</b> PUMP END	60196242	26	5.0	47.2	4.5	4.5	19.4	25	35 / 760
A TOTAL	<b>S4 35/10 -</b> PUMP END	60196243	6	1.0	18.9	4.5	4.5	7.0	35	50 / 172
	<b>S4 35/15 -</b> PUMP END	60196244	8	1.5	23.6	4.5	4.5	7.9	35	50 / 236
	<b>S4 35/20 -</b> PUMP END	60196245	10	2.0	23.6	4.5	4.5	9.0	35	50 / 294
- 188	<b>S4 35/30 -</b> PUMP END	60196246	14	3.0	33.1	4.5	4.5	10.8	35	50 / 412
-	<b>S4 35/50 -</b> PUMP END	60196247	24	5.0	42.5	4.5	4.5	18.3	35	50 / 693
	<b>S4 35/75 -</b> PUMP END	60196248	35	7.5	53.1	4.5	4.5	25.1	35	50 / 968
	<b>S4 35/100 -</b> PUMP END	60196249	49	10.0	70.9	4.5	4.5	34.3	35	50 / 1191
100	<b>S4 45/15 -</b> PUMP END	60196250	5	1.5	18.9	4.5	4.5	6.6	45	60 / 152
	<b>S4 45/20 -</b> PUMP END	60196251	7	2.0	18.9	4.5	4.5	7.5	45	60 / 211
	<b>S4 45/30 -</b> PUMP END	60196252	9	3.0	23.6	4.5	4.5	8.4	45	60 / 272
	<b>S4 45/50 -</b> PUMP END	60196253	14	5.0	33.1	4.5	4.5	12.1	45	60 / 435
	<b>S4 45/75 -</b> PUMP END	60196254	22	7.5	42.5	4.5	4.5	18.0	45	60 / 672
	<b>S4 45/100 -</b> PUMP END	60196255	30	10.0	47.2	4.5	4.5	22.9	45	60 / 950
1 11	<b>S4 60/20 -</b> PUMP END	60196256	6	2.0	23.6	4.5	4.5	9.7	60	80 / 175
	<b>S4 60/30 -</b> PUMP END	60196257	8	3.0	33.1	4.5	4.5	11.4	60	80 / 235
	<b>S4 60/50 -</b> PUMP END	60196258	13	5.0	42.5	4.5	4.5	16.1	60	80 / 393
	<b>S4 60/75 -</b> PUMP END	60196259	17	7.5	47.2	4.5	4.5	21.3	60	80 /516
	<b>S4 60/100 -</b> PUMP END	60196260	23	10.0	57.2	4.5	4.5	28.6	60	80 / 698
	<b>S4 90/20 -</b> PUMP END	60196261	5	2.0	18.9	4.5	4.5	6.2	90	130 / 140
	<b>S4 90/30 -</b> PUMP END	60196262	6	3.0	18.9	4.5	4.5	6.6	90	130 / 172
	<b>S4 90/50 -</b> PUMP END	60196263	10	5.0	18.9	4.5	4.5	9.9	90	130 /300
	<b>S4 90/75 -</b> PUMP END	60196264	14	7.5	23.6	4.5	4.5	10.2	90	130 / 404
	<b>S4 90/100 -</b> PUMP END	60196265	19	10.0	33.1	4.5	4.5	11.9	90	130 / 543







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 prtoected 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



#### **TECHNICAL DATA -**SINGLE PHASE MOTORS

MODEL	CODE
4TW - 0.5 HP	60174194
4TW - 0.5 HP	60174195
4TW - 0.75 HP	60174196
4TW - 1 HP	60174197
4TW - 1.5 HP	60174198

V	Р	2	SF	SF	SF	SF	SF	SF	SF	SF	SF	SF										In	In (SF)			P1	N		η	С	Ø	LC
[V]	[HP]	[kW]											[A]	[A]	ls/In	Cs/Cn	[W]	[min <sup>-1</sup> ]	Cos φ	%	[μF]	[AWG]	[ft]									
115	0.5	0.37	1.6	8.6	10	4.2	0.65	800	3450	0.88	46	80	3x14	5½																		
230	0.0	0.37	1.6	3.9	5	4.6	0.65	800	3450	0.88	46	20	3x14	5½																		
230	0.75	0.55	1.5	6.3	6.9	4.3	0.65	1200	3450	0.82	47	25	3x14	5½																		
230	1	0.75	1.4	7.7	8.8	4.8	0.68	1500	3450	0.84	50	35	3x14	5½																		
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

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
	KIT CABLE - FT 5,58  CABLES WITH DIFFERENT LENGTH DIFFERENT SUPPLY VOLTAGES CSA CERTIFIED VERSION	60141970





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				
WOOLL	CODE				
4GG - 1/2 HP	60174199				
4GG - 1/2 HP	60174200				
4GG - 3/4 HP	60174201				
4GG - 1 HP	60174202				
4GG - 1 1/2 HP	60174203				
4GG - 2 HP	60174204				
4GG - 3 HP	60174205				
4GG - 5 HP	60174206				

V:	Rated voltage
P2:	Rated output
SF:	Service factor
In:	Rated current
In (SF):	Service factor current
ls/ln:	Locked rotor current/Rated current
Cs/Cn:	Locked rotor Torque/Rated Torque
P1:	Power consumption

P1:	Power consump
N:	R.P.M
Cos φ:	Power factor
η:	Efficiency
C:	Capacitor
Ø:	Cable section
LC:	Cable length

V	Р	2		ln	In (SF)			P1	N	_	η	C1	C2	Ø	LC
[V]	[HP]	[kW]	SF I	[A]	[A]	ls/In	CsCn	[W]	[min <sup>-1</sup> ]	Cos φ	%	[μF]	[μF]	[AWG]	[ft]
115	0.5	0.37	1.6	10.0	12.6	4.0	3.2	800	3450	0.71	48	-	250-300	4x14	5½
230	0.0	0.37	1.6	5.5	6.8	4.2	3.9	800	3450	0.62	46	-	59-71	4x14	5½
230	0.75	0.55	1.5	7.4	8.6	4.6	3.6	1100	3450	0.65	53	-	86-103	4x14	5½
230	1	0.75	1.4	8.0	9.8	5.5	2.9	1350	3450	0.68	58	-	105-126	4x14	5½
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
230	2	1.5	1.25	10.5	12.3	5.3	2.3	2200	3450	0.95	69	20	105-126	4x14	5½
230	3	2.2	1.15	14.3	16.2	5.5	2.1	3100	3450	0.97	72	45	208-250	4x14	5½
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

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



## **TECHNICAL DATA -** THREE PHASE MOTORS

MODEL	3 WIRE	V	P	2	SF	In	In (SF)	ls/ln	Cs/Cn	P1	N	Coc.co	η	С	CAE	BLE
MODEL	CODE	[V]	[HP]	[kW]	55	[A]	[À]	IS/III	US/UII	[W]	[min <sup>-1</sup> ]	Cos φ	%	[μF]	Ø [AWG]	LC [ft]
	60121248	230			1.6	3.2	3.8	4.4	3.2	870	3450	0.4	42	-	4x14	5½
4GG - 1/2 HP	60140361	460	0.5	0.37	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
	60121249	230			1.5	4.4	4.8	5.2	3.6	1140	3450	0.47	48	-	4x14	5½
4GG - 3/4 HP	60121252	460	0.75	0.55	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
	60121254	230			1.4	5.2	5.6	6.4	4.2	1260	3450	0.59	59	-	4x14	5½
4GG - 1 HP	60121256	460	1	0.75	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
	60140362	230			1.3	7.2	7.8	5.9	4.1	1875	3450	0.53	60	-	4x14	5½
4GG - 1 1/2 HP	60121259	460	1.5	1.1	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
	60140363	230	2		1.15	9,2	9.8	6.1	3.8	2230	3450	0.57	67	-	4x14	5½
4GG - 2 HP	60121268	460		1.5	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
	60140364	230			1.15	11.2	12	7.5	4.8	3160	3450	0.69	71	-	4x14	5½
4GG - 3 HP	60140365	460	3	2.2	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
	60140368	230			1.15	17.8	19.2	7.4	4	5230	3450	0.7	77	-	4x14	8 ¾
4GG - 5 HP	60140369	460	5	4	1.15	8.9	9.6	7.4	4	5230	3450	0.7	77	-	4x14	8 ¾
	TBD	575			1.15	7.1	7.7	7.4	4.4	5300	3450	0.75	75	-	4x14	8 ¾
	60140370	230			1.15	24	26	7.5	3.8	7100	3450	0.71	78	-	4x14	8 ¾
4GG - 7.5 HP	60140371	460	7.5	5.5	1.15	12	13	7.5	3.8	7100	3450	0.71	78	-	4x14	8 ¾
	TBD	575			1.15	9.6	10.4	7.5	3.8	7050	3450	0.74	79	-	4x14	8 ¾
400 40 110	60140372	460	40	7.5	1.15	15.4	16.6	7.1	3.9	9300	3450	0.78	80	-	4x14	11½
4GG - 10 HP	TBD	575	10	7.5	1.15	12.3	13.5	7.1	3.9	9100	3450	0.74	82	-	4x14	11½

P2: Rated output Rated voltage SF: Service factor 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  $\textbf{Cos}\ \phi\text{: Power factor}$ 

Efficiency Capacitor Cable section

Ø: LC: Cable length



## **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	DESCRIPTION	CODE	Р	2	V	С	С
ACCESSORIES	DESCRIPTION	OODL	[hp]	[kW]	[V]	[uF]	[V]
	CONTROL BOX 4CBUS 0.5HP 115V 60HZ BASIC TESLA	60174729	0.5	0.37	115	250-300	125
TESTO	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	DESCRIPTION	CODE	P	2	V	RUN	CAP	STAR	ГСАР
ACCESSORIES	DESCRIPTION	CODE	[hp]	[kW]	[V]	[μF]	[V]	[μ <b>F</b> ]	[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
as la	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



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
WIUDEL	CODE
6GF - 7.5 HP	60187218
6GF - 10 HP	60187219
6GF - 15 HP	60187220

V [V]	Р	2	SF	In [A]	In (SF)	n (SF)		Ø [AWG]	LC [ft]					
[v]	[HP]	[kW]		[/]	[/]		[vv]	[111111]		70	Start	Run	[AWU]	[itj
230	7.5	5.5	1.15	33	37	15	7520	3490	0.72	74	486-584	45	4x10	13
230	10	7.5	1.15	43	49	20	9800	3490	0.76	77	616-740	70	4x10	13
230	15	11	1.15	63	74	30	14350	3490	0.77	76	701-841	135	4x8	13

6GF / 6GX	DECODIDEION	CODE	P	2	V	RUN CAP		START CAP	
ACCESSORIES	DESCRIPTION	CODE	[hp]	[kW]	[V]	[µF]	[V]	[µF]	[V]
	CONTROL BOX 6CBUS 7.5HP 230V 60HZ PLUS TESLA	60184860	7.5	5.5	230	45	370	270-324	330
	CONTROL BUX GUBUS 7.3HP 230V GUHZ PLUS TESLA	00104000	7.5	0.0	230			216-260	330
						35	370	270-324	330
Testal	CONTROL BOX 6CBUS 10HP 230V 60HZ PLUS TESLA	60184861	10	7.5	230	35	370	216-260	330
								130-156	330
						45	370	270-324	330
	CONTROL BOX 6CBUS 15HP 230V 60HZ PLUS TESLA	60184862	15	11	230	45	370	270-324	330
						45	370	161-193	330



## TECHNICAL DATA - THREE PHASE MOTORS

MODEL	3 WIRE
MODEL	CODE
6GF - HP 5.5	60181824
our - nr 5.5	60181833
CCE UD7E	60181825
6GF - HP 7.5	60181834
CCF UD40	60181826
6GF - HP 10	60181835
COE UD45	60181828
6GF - HP 15	60181837
CCE LID OO	60181830
6GF - HP 20	60181839
COF UD OF	60181831
6GF - HP 25	60181840

V	Р	2		In	In (SF)		P1	N		n		CAI	BLE
[V]	[HP]	[kW]	SF	[A]	[A]	ls/In	[W]	[min <sup>-1</sup> ]	Cos φ	η %	Start *	Ø [AWG]	LC [ft]
230		4	1.15	18.5	20	5.1	5700	3450	0.77	70	Δ	4x10	13
460	5.5	4	1.15	8.6	9.5	5.5	5700	3470	0.83	70	Υ	4x10	13
230	7.5		1.15	24	26.6	5	7400	3480	0.77	74	Δ	4x10	13
460	7.5	5.5	1.15	12	13.3	5	7400	3480	0.77	74	Υ	4x10	13
230	40	7.5	1.15	34	37	4.8	9900	3465	0.73	76	Δ	4x10	13
460	10	7.5	1.15	15	16.5	5.5	9900	3465	0.83	76	Υ	4x10	13
230	45	44	1.15	50	54	4.4	13400	3495	0.67	82	Δ	4x10	13
460	15	11	1.15	21	23.3	5.2	13400	3495	0.8	82	Υ	4x10	13
230	00	4.5	1.15	63	68	4.8	18200	3475	0.73	82	Δ	4x10	13
460	20	15	1.15	27.6	30.8	5.4	18200	3475	0.83	82	Υ	4x10	13
230	0.5	10.5	1.15	73.4	80	5.7	22200	3475	0.76	83	Δ	4x8	13
460	25	18.5	1.15	36.7	40	5.7	22200	3475	0.76	83	Υ	4x8	13

6GF - HP 30 HEAVY DUTY	60181832
OUF - HE SU NEAVY DUTY	60202631
6GF - HP 40 HEAVY DUTY	60202632
6GF - HP 50 HEAVY DUTY	60202633
6GF - HP 60 HEAVY DUTY	60202634

230	20	22	1.15	95	105	5.5	26500	3480	0.7	83	Δ	4x8	13
460	30	22	1.15	44.7	49.8	5.8	26500	3480	0.74	83	Υ	4x8	13
460	40	30	1.15	54	62	6.3	35700	3480	0.83	84	Υ	4x8	13
460	50	37	1.15	69	77	6.1	44800	3480	0.82	83	Υ	4x8	13
460	60	45	1.15	82	92	6.5	53500	3450	0.83	84	Υ	4x8	13

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

P2:	Rated output
V:	Rated voltage
SF:	Service factor
In:	Rated current
In (SF):	Service factor current
ls/ln:	Locked rotor current/Rated cur

Cs/Cn: Locked rotor Torque/Rated Torque

P1: Power consumption

R.P.M  $\textbf{Cos}\ \phi\text{: Power factor}$ Efficiency Capacitor Cable section Cable length

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









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%)

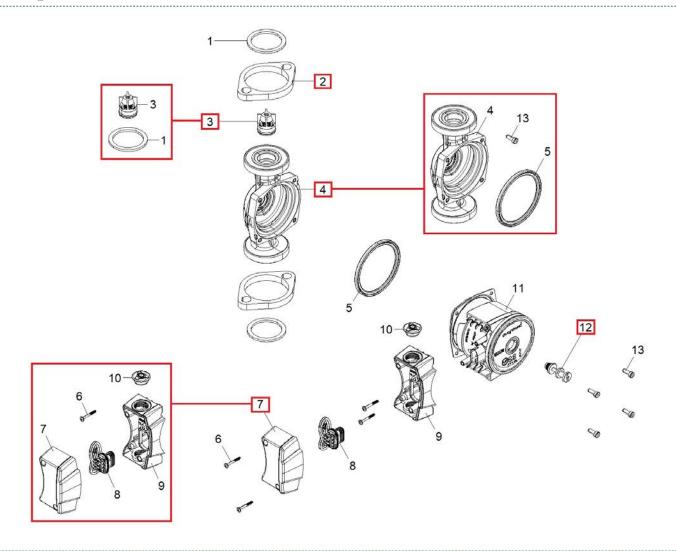
**PUMP BODY** Pump body in cast iron with cataphoresis treatment

MODEL	CODE
EVOSTA 2 55 110-127V 60HZ	60192406
EVOSTA 2D 55 110-127V 60HZ	60192407

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



## EVOLTAS



POS#	PARTS	PARTS DESCRIPTION	FOR VERSION	CODE
Pos 2	2	(SP) OVAL FLANGE FOR EVOSTA USA	Evosta2, 2D, 2San	SP00005332
Pos 3	3	(SP) NON RET. VALVE EVOSTA NG USA	Evosta2, 2D, 2San	SP00005329
Pos 7	, 10 · 10 · 10 · 10 · 10 · 10 · 10 · 10	(SP) TERMINAL BOX EVOSTA NG USA	Evosta2, 2D, 2San	SP00005331
Pos 12	12 ©©	(SP) PLUG AIR V.W/OR FOR EVOSTA NG	Evosta2, 2D, 2San	SP00004025



## NOVA 40th

SUBMERSIBLE PUMPS FOR DRAINAGE





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, mostrly celan, 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 threated 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**

FEKA

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							
VOLTAGE	P1 MAX	P2 N0	MINAL	In	CAPA	CITOR	Pallet Qty
60 Hz	kW	kW	HP	A	μ <b>F</b>	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-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 CA-PACITOR 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

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

ELECTRICAL DATA							
VOLTAGE	P1 MAX	P2 NOMINAL		In	CAPA	CITOR	Pallet Qty
60 Hz	kW	kW	HP	A	μ <b>F</b>	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



### **VERTY NOVA**

#### INTEGRATED FLOAT SWITHC SUBMERSIBLE PUMPS



## TECHNICAL DATA

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

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

ELECTRICAL DATA								
VOLTAGE	P1 MAX	P2 NOMINAL		In	CAPACITOR		Pallet Qty	
60 Hz	kW	kW	HP	A	μ <b>F</b>	Vc		
1x115 V~	0.33	0.18	0.25	2.7	12.5	250	40	
1x115 V~	0.67	0.37	0.5	7	20	250	40	

# FEKA 40th SUBMERSIBLE PUMPS FOR EFFLUENT



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 1in. 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, mostrly celan, rainwater

Free passage

1"

#### Liquid temperature Range

from 32°F to +95°F

Outlet connection threated 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

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

ELECTRICAL DATA							
VOLTAGE P1 MAX		P2 NOMINAL		In	CAPA	Pallet Qty	
60 Hz	kW	kW	HP	A	μ <b>F</b>	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



## **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
CLEAR ANSWER 1	60160007
CLEAR ANSWER 2	60160011
CLEAR ANSWER 3	60160014

НР	WATTS	VOLTS	FREQUENCY	AMPS	MAX SOLIDS	MAX FLOW	MAX HEAD	DISCHARGE	Pallet Qty
1/4	280	115	60 Hz	2.4	0.3"	31 gpm	21 ft		
1/3	370	115	60 Hz	3.4	0.4"	44 gpm	30 ft	1" 1/4 NPT	54
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 instal-

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.

MODEL	CODE
SOLID ANSWER 4	60161595
SOLID ANSWER 5	60161596
SOLID ANSWER 6	60161597

НР	WATTS	VOLTS	FREQUENCY	AMPS	MAX SOLIDS	MAX FLOW	MAX HEAD	DISCHARGE	Pallet Qty
1/4	235	115	60 Hz	1.9	1" 1/4	24 gpm	11.5 ft		
1/3	320	115	60 Hz	2.4	1" 1/4	32 gpm	16.4 ft	1" 1/4 NPT	54
1/2	880	115	60 Hz	8.0	1" 1/4	54 gpm	29.5 ft		



#### **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
FEKA BVP 700 M-A	60152204
FEKA BVP 750 M-A	60146279

ELECTRICAL DATA								
VOLTAGE	P1 MAX	P2 NOMINAL		ln	CAPACITOR		Pallet Qty	
60 Hz	kW	kW	HP	А	μF	Vc	uty	
1x115 V~	1.10	0.71	0.95	10.4	30	250	27	
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.

UL Standard No. 778.

#### 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 overlead protection.

Wear-resistant motor shaft.
In compliance with CSA Standards C22.2 No.108 - 14,

#### 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

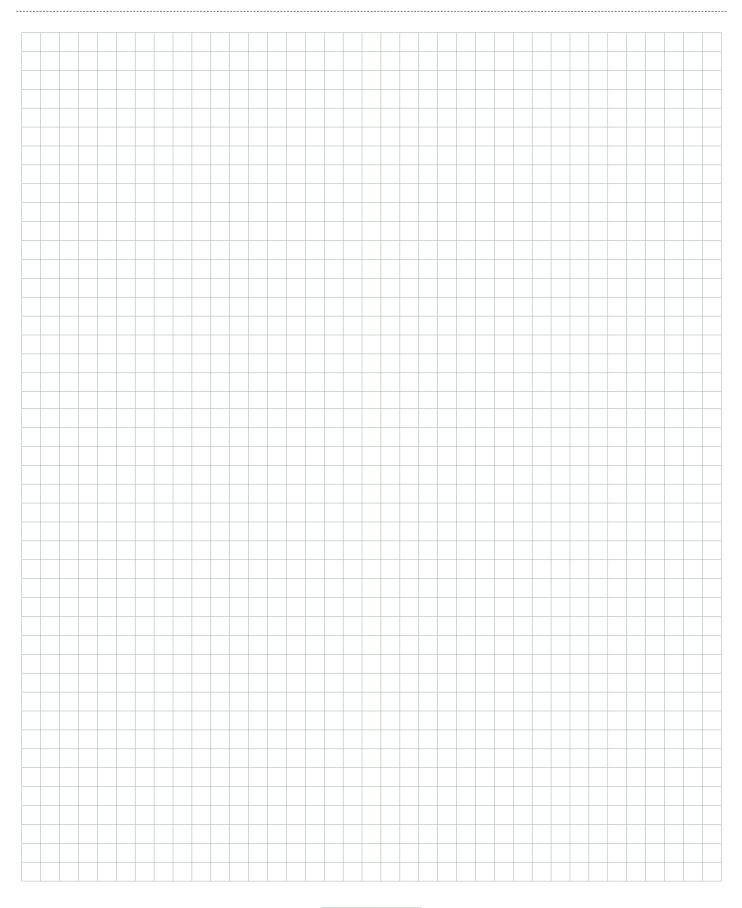
Cabele lenght 100ft

MODEL	CODE
NOVA 4100 V115/60 100' SJTOW	60176098
NOVA 4100 V230/60 100' SJTOW	60178448

VOLTAGE	P1 MAX	P2 NOMINAL		ln	Pallet Qty	
60 Hz	kW	kW	HP	A	acy	
1x115 V~	0.67	0.38	0.5	7.1	54	
1x230 V~	0.67	0.38	0.5	3.2	54	

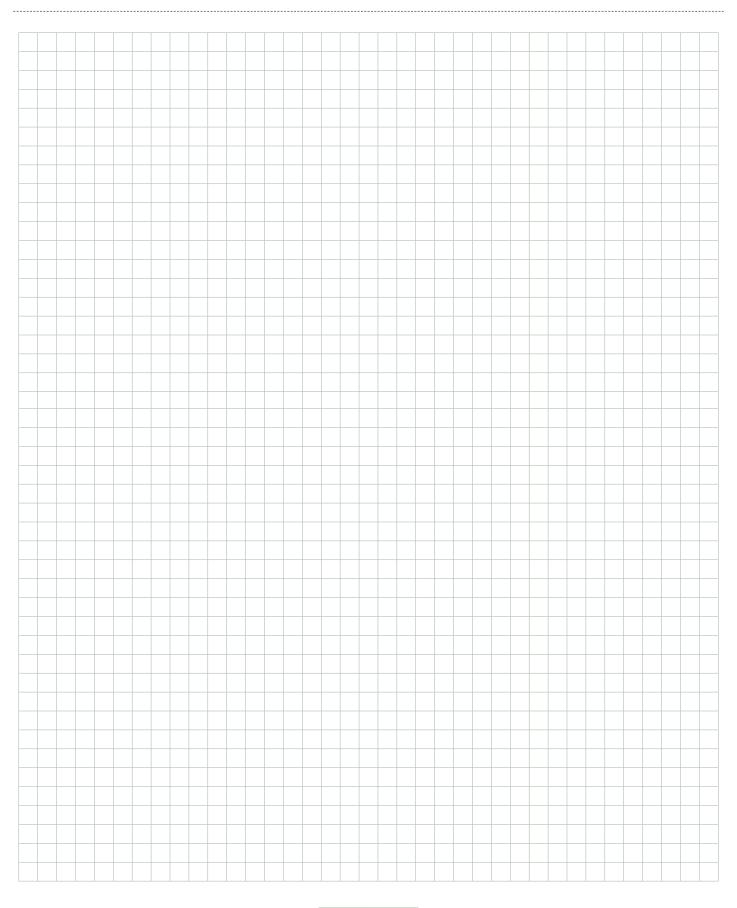


## **NOTES**



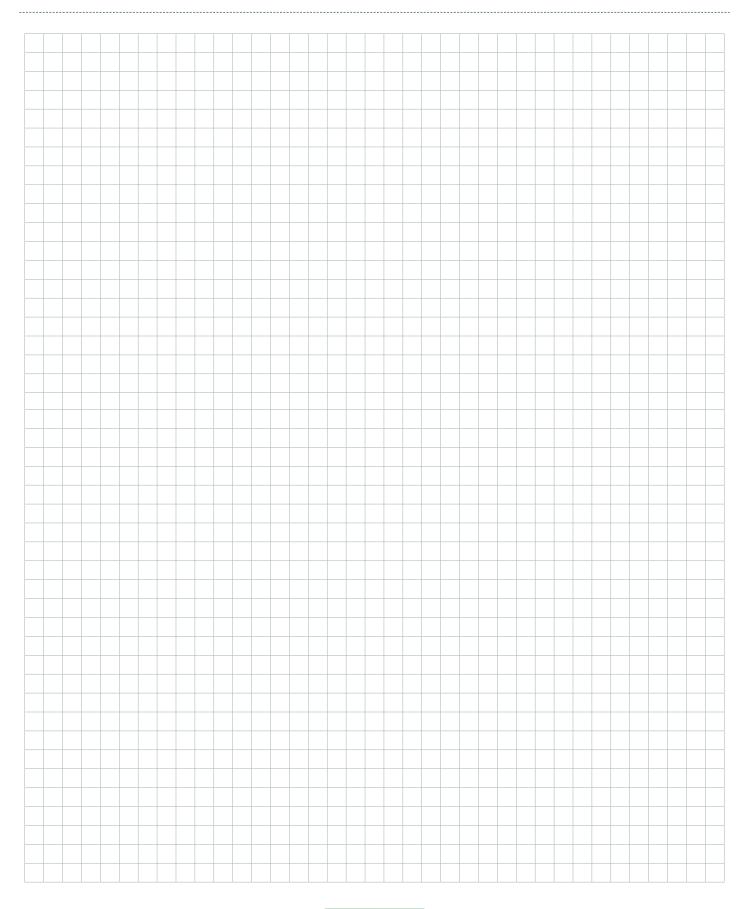


## **NOTES**





## **NOTES**







# On-line product selection



DAB PUMPS LTD. 6 Gilberd Court Newcomen Way Severalls Business Park Colchester CO4 9WN - UK salesuk@dwtgroup.com Tel. +44 0333 777 5010

#### DAB PUMPS IBERICA S.L.

Calle Verano 18-20-22 28850 - Torrejón de Ardoz - Madrid Info.spain@dwtgroup.com Tel. +34 91 6569545 Fax: + 34 91 6569676



#### DAB PUMPS SOUTH AFRICA (PTY) LTD

Twenty One industrial Estate. 16 Purlin Street, Unit B, Warehouse 4 Olifantsfontein -1666 - South Africa info.sa@dwtgroup.com Tel. +27 12 361 3997



#### DAB PUMPS BV

'tHofveld 6 C1 1702 Groot Bijgaarden - Belgium info.belgium@dwtgroup.com Tel. +32 2 4668353



#### DAB PUMPS HUNGARY KFT.

Nagykanizsa, Buda Ernő u.5 Hungary Tel. +36 93501700



#### DAB PUMPS (QINGDAO) CO. LTD.

No.40 Kaituo Road, Qingdao Economic & Technological Development Zone Qingdao City, Shandong Province - China PC: 266500 sales.cn@dwtgroup.com Tel. +86 400 186 8280 Fax +86 53286812210



#### DAB PUMPS B.V.

Albert Einsteinweg, 4 5151 DL Drunen - Nederland Tel. +31 416 387280 Fax +31 416 387299



#### DAB PUMPS DE MÉXICO, S.A. DE C.V.

Av Amsterdam 101 Local 4 Col. Hipódromo Condesa, Del. Cuauhtémoc CP 06170 Ciudad de México Tel. +52 55 6719 0493



info.netherlands@dwtgroup.com



#### DAB PUMPS POLAND Sp. z o.o.

Ul. Janka Muzykanta 60 02-188 Warszawa - Poland polska@dabpumps.com.pl



#### DAB PUMPS OCEANIA PTY LTD

426 South Gippsland Hwy, Dandenong South VIC 3175 – Australia info.oceania@dwtgroup.com Tel. +61 1300 373 677



#### DAB PUMPS GMBH

Am Nordpark 3 D - 41069 Mönchengladbach - Germany info.germany@dwtgroup.com Tel. +49 2161 47388-0 Fax +49 2161 47388-36



#### DAB PUMPS INC.

3226 Benchmark Drive Ladson, SC 29456 - USA info.usa@dwtgroup.com Tel. 1-843-797-5002 Fax 1-843-797-3366



#### PT DAB PUMPS INDONESIA

Satrio Tower lantai 26 unit C-D, Jl. Prof. Dr. Satrio Kav. C4, Kel. Kuningan Timur, Kec. Setiabudi, Kota Adm. Jakarta Selatan, Prov. DKI Jakarta. - Indonesia Tel. +62 2129222850



Via Marco Polo, 14 35035 Mestrino (PD) Italy Tel. +39.049.5125000 - Fax +39.049.5125950





#### DAB Pumps Inc.

3226 Benchmark Drive Ladson, SC 29456 - USA

service.us@dabpumps.com Tel. 1-843-797-5002

www.dabpumps.us