



CATALOGUE

Tailoring Fluid Technology



Located in Tuscany – covering over 1500 sq.m. – It's Italian roots – many years of experience and expertise – is how perfection is tailored.

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When one is to buy a boat or a yacht – it is not only about how good its interior and exterior design is but most importantly what equipment and machinery it has to keep it running at its best.

That is why when we first started this company – we thought it is best to offer our customers “top of the range”. Having the right pumps, fans and water pressure systems helps us ensure our customers are not going to get into strife when they are cruising around diverse parts of the world.

When we tell our customers about our products and how reliable they are – it takes a while for them to really understand what they are about to buy – why they should buy a self priming, bronze pump rather than a domestic pump. Here at TF marine, we thought it would be ideal to give you a quick summary on our range when you are going through our catalogue. If we do not have what you are looking for on our line – we can do it. TF marine offers you to customize your pump or wps. It is important for us to know what “the best product is for you”.

Our wide range consists of EL/Pumps boat range from 12m to 70m, Water Pressure Systems, EL/ Fans, Water Heaters, Dampers, Control Panels and Accessories.

TF USES BRONZE IMPELLERS – anti rust and are specifically for the **MARINE ENVIRONMENT** – if your impeller is damaged – less performance is given.

We are able to offer technical support before and after your purchase – providing technical drawings of our items to simplify installation.

To be able to give you 100% we ask our clients to always provide us with **“THE TECHNICAL SPECIFICATIONS”**.

This enables us to give you a more rapid and efficient answer.

All our Items are CE certified and Classification Society is available on request.

Thank you for choosing TF MARINE

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PUMPS

BILGE, FIRE FIGHTING, DIESEL INTAKE, SEA WATER

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A

STAR IMPELLER SELF-PRIMING EL/PUMP

BODY PUMP

BRONZE

IMPELLER

BRONZE

SHAFT

STAINLESS STEEL

MECHANICAL SEAL

CERAMIC - GRAPHITE - INOX



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ITS BACKGROUND

This compact self-priming el/pump with a capacity of 8 m vertically, it is ideal where limited space is available.

Being self-priming it is mandatory to fill the el/pump before its first use and when the el/pump has been stopped after a long period of time. It is best to install a filter and a clapet valve on the suction pipe – in this way any type of liquid reflux will be avoided.

WHY SHOULD I BUY THIS PUMP?

This is for small – medium size – as it is compact it is able to fit anywhere. Offering performance even with its small dimension.

DIMENSIONS

	H mm	D mm	W mm	Kg
A60 DC	110	230	130	7
A60 AC	130	260	125	7
A80 DC	165	330	160	12
A80 AC	165	305	140	11
A90 DC	190	345	160	15
A90 AC	190	320	140	14

A 60	DC 12 - 24	19 - 2	6 - 20	0.18	1/2" 1/2"
A 80	DC 12 - 24	48 - 5	2 - 33	0.38	3/4" 3/4"
A 90	DC 12 - 24	48 - 15	2 - 34	0.45	1" 1"
A 60	AC 1~230 - 3~230/400	14 - 2	2 - 20	0.15	1/2" 1/2"
A 80	AC 1~230 - 3~230/400	39 - 5	4 - 35	0.37	3/4" 3/4"
A 90	AC 1~230 - 3~230/400	48 - 5	4 - 41	0.55	1" 1"

Voltage V Delivery l/min Head m Power kW IN - OUT

TF

SELF-PRIMING SIDE-CHANNEL EL/PUMP

BODY PUMP

BRONZE

IMPELLER

BRONZE

SHAFT

STAINLESS STEEL

MECHANICAL SEAL

CERAMIC - GRAPHITE - INOX



ITS BACKGROUND

This is our top of the range self-priming side channel el/pump. Outstanding quality which is offered in numerous dimensions and performance levels – giving a self-priming capacity of 8 m vertically. With its Bronze body – it is sure to only give you nothing but quality.

It is best to install a filter and a clapet valve on the suction pipe – in this way any type of liquid reflux will be avoided.

WHY SHOULD I BUY THIS PUMP?

This is for small to medium size boats. It is quite impressive what this el/pump has to offer regarding the services it is able to carry out.

DIMENSIONS

	H mm	D mm	W mm	Kg
TF 20 DC	145	240	125	7
TF 20 AC	145	265	125	6
TF 25 DC	165	245	145	9
TF 25 AC	165	305	145	12
TF 32 DC	195	320	145	12
TF 32 AC	180	330	145	13
TF 40 DC	220	375	185	26
TF 40 AC	220	375	185	28
TF 40/1 AC	260	465	195	38
TF 40/2 AC	260	465	195	48
TF 50/1 AC	300	580	240	63
TF 65/1	360	610	270	97
TF 65/2	360	630	270	115

Model	Configuration	Delivery l/min	Head m	Power kW	IN - OUT
TF 20	DC 12 - 24	40 - 5	3 - 11	0.15	3/4" → 3/4"
TF 25	DC 12 - 24	55 - 10	4 - 15	0.2	1" → 1"
TF 32	DC 24	80 - 20	3 - 19	0.5	1" → 1"
TF 40	DC 24	160 - 45	5 - 15	0.75	1 1/2" → 1 1/2"
TF 20	AC 1~230 - 3~230/400	50 - 10	4 - 12	0.37	3/4" → 3/4"
TF 25	AC 1~230 - 3~230/400	55 - 20	4 - 16	0.37	1" → 1"
TF 32	AC 1~230 - 3~230/400	70 - 10	3 - 20	0.37	1" → 1"
TF 40	AC 1~230 - 3~230/400	170 - 40	2 - 14	0.75	1 1/2" → 1 1/2"
TF 40/1	AC 1~230 - 3~230/400	240 - 40	4 - 20	1.5	1 1/2" → 1 1/2"
TF 40/2	AC 1~230 - 3~230/400	290 - 60	4 - 19	2.2	1 1/2" → 1 1/2"
TF 50/1	AC 1~230 - 3~230/400	480 - 175	3 - 32	4.0	2" → 2"
TF 65/1	AC 1~230 - 3~230/400	740 - 490	6 - 31	7.5	2 1/2" → 2 1/2"
TF 65/2	AC 1~230 - 3~230/400	740 - 290	6 - 48	9.2	2 1/2" → 2 1/2"

Voltage V

Delivery l/min Head m

Power kW

IN - OUT

TAM

SELF-PRIMING SIDE CHANNEL EL/PUMP

BODY PUMP

BRONZE

IMPELLER

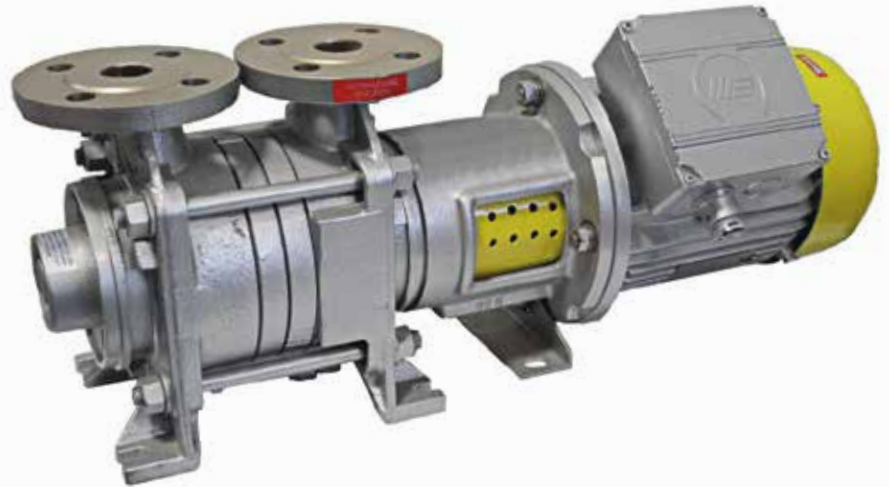
BRONZE

SHAFT

STAINLESS STEEL

MECHANICAL SEAL

CERAMIC - GRAPHITE - INOX



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ITS BACKGROUND

Our top of the range self-priming side channel el/pump that is suitable for heavy uses.

It's a liquid ring el/pump which offers long durability – can only give utmost performance. It's a self-priming el/pump which has a capacity up to 8 m vertical.

WHY SHOULD I BUY THIS PUMP?

Most suitable for boats >15 m which require a rapid self-priming el/pump.

DIMENSIONS

	H mm	D mm	W mm	Kg
TAM300/1	250	710	210	65
TAM300/2	250	800	265	75
TAM300/1	250	670	265	55
TAM300/2	250	790	265	70
TAM400/1	280	810	260	80
TAM400/1	280	780	275	70
TAM400/2	280	870	275	85
TAM500/1	330	830	290	90
TAM500/2	330	1120	325	125
TAM650/1	370	1000	325	130
TAM650/2	370	1320	365	200

	Voltage V	Delivery l/min	Head m	Power kW	IN - OUT
TAM300/1	DC 24	145 – 85	6 – 24	1	32 → 32
TAM300/2	DC 24	125 – 55	6 – 45	1.5	32 → 32
TAM400/1	DC 24	225 – 105	3 – 29	1.5	40 → 40
TAM300/1	AC 1~230 - 3~230/400	125 – 55	5 – 29	1.1	32 → 32
TAM300/2	AC 1~230 - 3~230/400	135 – 55	5 – 50	2.2	32 → 32
TAM400/1	AC 1~230 - 3~230/400	205 – 105	7 – 37	2.2	40 → 40
TAM400/2	AC 1~230 - 3~230/400	205 – 105	15 – 68	4	40 → 40
TAM500/1	AC 1~230 - 3~230/400	390 – 185	7 – 35	4	50 → 50
TAM500/2	AC 3~400/690	390 – 145	15 – 80	9.2	50 → 50
TAM650/1	AC 3~400/690	640 – 310	6 – 39	7.5	65 → 65
TAM650/2	AC 3~400/690	700 – 310	5 – 78	15	65 → 65

TAB

STAR IMPELLER SELF-PRIMING EL/PUMP WITH LIQUID RING

BODY PUMP

BRONZE

IMPELLER

BRONZE

SHAFT

STAINLESS STEEL

MECHANICAL SEAL

CERAMIC - GRAPHITE - INOX



ITS BACKGROUND

It's compact and versatile offering utmost performance. Our star impeller self-priming el/ pump with liquid ring.

WHY SHOULD I BUY THIS PUMP?

Most suitable for boats >15 m which have limited space but need self-priming and performance.

DIMENSIONS

	H mm	D mm	W mm	Kg
TAB30/1 DC	220	450	180	28
TAB40/1 DC	235	535	205	50
TAB30/1 AC	230	430	180	30
TAB40/1 AC	240	535	205	46

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	Voltage V	Delivery l/min	Head m	Power kW	IN - OUT
TAB30/1	DC 24	140 - 80	3 - 23	0.9	1 1/4" → 1 1/4"
TAB40/1	DC 24	280 - 100	3 - 28	1.5	1 1/2" → 1 1/2"
TAB30/1	AC 1~230 - 3~230/400	130 - 50	4 - 31	1.5	1 1/4" → 1 1/4"
TAB40/1	AC 1~230 - 3~230/400	200 - 100	7 - 33	2.2	1 1/2" → 1 1/2"

ATM

SELF-PRIMING EL/PUMP

BODY PUMP

BRONZE

IMPELLER

BRONZE

SHAFT

STAINLESS STEEL

MECHANICAL SEAL

CERAMIC - GRAPHITE - INOX



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ITS BACKGROUND

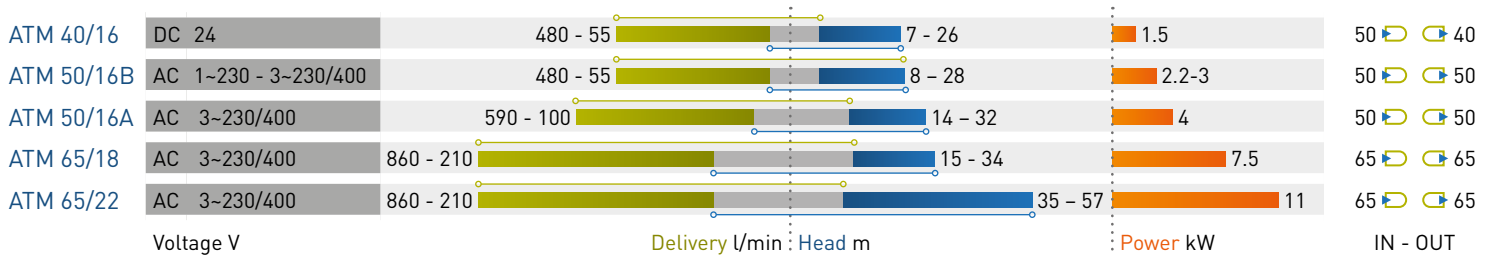
When high delivery and pressure is required – this self-priming el/pump is a must. Recommended for numerous types of services: Fire Fighting ,Ballast, Chain washing, Air conditioning, Water circulation and much more...

WHY SHOULD I BUY THIS PUMP?

Most suitable for boats >15 m which require high delivery and pressure and do not need as much self-priming speed.

DIMENSIONS

	H mm	D mm	W mm	Kg
ATM 40/16	290	475	265	35
ATM 50/16B	290	505	265	41
ATM 50/16A	290	545	265	46
ATM 65/18	400	720	360	125
ATM 65/22	400	820	360	160



MP-ATM MP-TF

SELF-PRIMING DIESEL ENGINE PUMP

BODY PUMP

BRONZE

IMPELLER

BRONZE

SHAFT

STAINLESS STEEL

MECHANICAL SEAL

CERAMIC - GRAPHITE - INOX



ITS BACKGROUND

High delivery and good pressure self-priming diesel engine pump. Recommended for emergency service such a fire fighting and bilge.

WHY SHOULD I BUY THIS PUMP?

It's a must have for emergency services such as bilge and fire.

DIMENSIONS

	H mm	D mm	W mm	Kg
MP-ATM 50/16B	610	620	510	80
MP-ATM 50/16A	610	620	510	108
MP-TF 50/1	610	620	510	118

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MP-ATM 50/16B	DIESEL	560 - 200	8 - 36	3.7	50 → 50
MP-ATM 50/16A	DIESEL	665 - 200	8 - 46	5.5	50 → 50
MP-TF 50/1	DIESEL	570 - 205	10 - 46	9	2" → 2"
Engine		Delivery l/min	Head m	Power kW	IN - OUT

TF CLUTCH

SELF-PRIMING REVERSIBLE PUMP

BODY PUMP

BRONZE

IMPELLER

BRONZE

SHAFT

STAINLESS STEEL

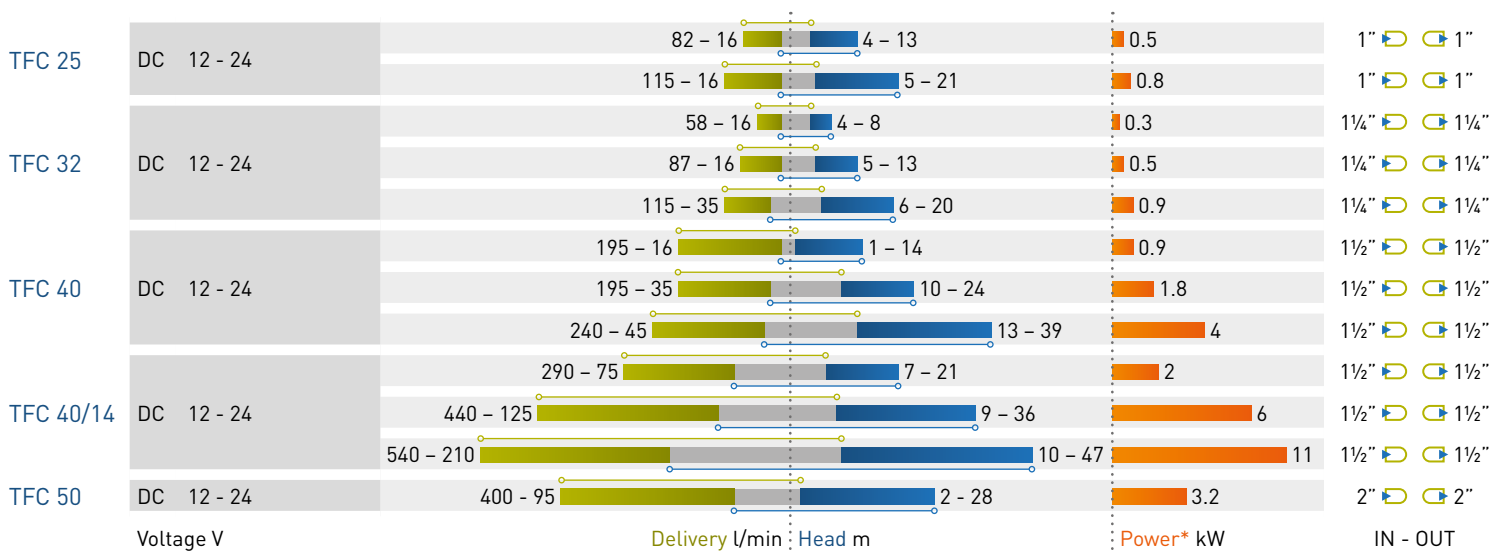
MECHANICAL SEAL

CERAMIC - GRAPHITE - INOX



- 12 **ITS BACKGROUND**
This 8 m self-priming reversible pump has impressive capabilities with its star impeller and liquid ring. We suggest to fill the pumps with liquid before first use or after the pump has been stopped for a long period.
- WHY SHOULD I BUY THIS PUMP?**
If you are looking for a reversible, fast self-priming pump for bilge, chain washing, fire fighting, intake liquids, motors and cooling. This is it!

DIMENSIONS	H mm	D mm	W mm	Kg
TFC 25	165	210	125	6 - 8
TFC 32	180	230	135	7 - 9
TFC 40	230	280	185	12 - 16
TFC 40/14	230	320	190	30 - 34
TFC 50	300	320	240	20 - 25



* Required power

SUB

SUBMERSIBLE EL/PUMP

BODY PUMP

TECHNO POLYMER

IMPELLER

TECHNO POLYMER

SHAFT

STAINLESS STEEL

MECHANICAL SEAL

SILICON CARBIDE
(SPECIAL CORROSION-PROOF)



ITS BACKGROUND

These submersible el/pump are ideal for grey water or liquids with limited parts. SUB el/pumps are the best answer when you need a bilge service for small/pleasure boats. These pumps are normally for fresh and sea water.

They take out and transfer food liquid handling, tanks, basement and emptying of pool.

As the push water down to the surface – they need to be submerged in the el/pump liquid.

WHY SHOULD I BUY THIS PUMP?

It is the best submersible el/pump to use for small/pleasure boats – don't go domestic go SUB for your marine environment.

DIMENSIONS

	H mm	D mm	W mm	Kg
SUB 20	160	110	110	2
SUB 37	190	130	130	2.5
SUB 47	290	180	180	6
SUB 47V	350	230	230	7

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	Voltage V	Delivery l/min	Head m	Power kW	IN - OUT
SUB 20	DC 12 - 24	115 - 10	1 - 5	0.10	Ø28 → Ø28
SUB 37	DC 12 - 24	210 - 70	1 - 6	0.16	Ø38 → Ø38
SUB 47	DC 12 - 24 / AC 1~230	175 - 30	2 - 7	0.18	- → 1"
SUB 47V	DC 12 - 24 / AC 1~230	145 - 30	2 - 7	0.18	- → 1 1/4"

TC

CENTRIFUGAL EL/PUMP

BODY PUMP

BRONZE

IMPELLER

BRASS ALLOY

SHAFT

STAINLESS STEEL

MECHANICAL SEAL

CERAMIC - GRAPHITE - INOX



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ITS BACKGROUND

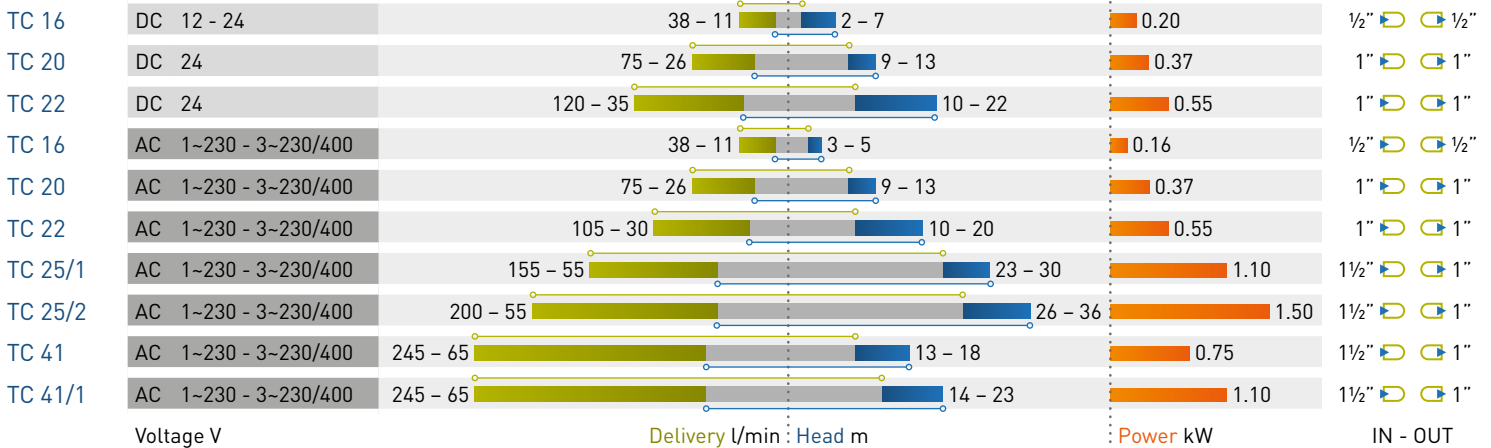
This el/pump is not self-priming. A centrifugal pump which is ideal for air conditioning, circulation for both fresh and sea water. Heavy duty offering high delivery and average pressure. This el/pump needs to be installed under the water level.

WHY SHOULD I BUY THIS PUMP?

It's not self-priming, although, gives good delivery and is very silent. Both for sea and fresh water.

DIMENSIONS

	H mm	D mm	W mm	Kg
TC 16 DC	155	270	105	7
TC 16 AC	160	270	125	5
TC 20 DC	165	335	165	10
TC 20 AC	165	305	155	9
TC 22 DC	190	335	180	12
TC 22 AC	185	305	175	11
TC 25/1	295	370	190	24
TC 25/2	265	370	190	25
TC 41	260	380	205	18
TC 41/1	260	380	205	20



AB

SELF-PRIMING EL/PUMP

BODY PUMP

BRONZE

IMPELLER

BRASS ALLOY

SHAFT

STAINLESS STEEL

MECHANICAL SEAL

CERAMIC - GRAPHITE - INOX



ITS BACKGROUND

This is a self-priming "Jet" type el/pump. Its closed impeller enables it to give a high suction capacity. Suitable for fresh (FW) and sea water (SW). Specify FW or SW for AB 1 and AB 2 when order is made.

WHY SHOULD I BUY THIS PUMP?

It's got a closed impeller which gives a high suction capacity.

DIMENSIONS

	H mm	D mm	W mm	Kg
AB 1 DC	160	410	165	11
AB 2 DC	160	400	165	12
AB 2 AC	160	370	165	11
AB 3 DC	200	480	190	23
AB 3 AC	200	440	190	21
AB 4 DC	200	500	190	24
AB 4 AC	200	470	190	22
AB 5/18 DC	240	640	220	39
AB 5/18 AC	240	580	220	32

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AB 1	DC 12 - 24	45 - 5	5 - 26	0.30	1" → 1"
AB 2	DC 24	48 - 5	8 - 34	0.37	1" → 1"
AB 3	DC 24	68 - 5	5 - 41	0.55	1" → 1"
AB 4	DC 24	85 - 5	10 - 34	0.75	1" → 1"
AB 5/18	DC 24	95 - 5	25 - 45	1.10	1½" → 1"
AB 2	AC 1~230 - 3~230/400	48 - 5	15 - 36	0.37	1" → 1"
AB 3	AC 1~230 - 3~230/400	48 - 5	23 - 46	0.55	1" → 1"
AB 4	AC 1~230 - 3~230/400	70 - 5	20 - 40	0.75	1" → 1"
AB 5/18	AC 1~230 - 3~230/400	95 - 5	25 - 45	1.10	1½" → 1"
Voltage V		Delivery l/min	Head m	Power kW	IN - OUT

AX

SELF-PRIMING EL/PUMP

BODY PUMP

STAINLESS STEEL

IMPELLER

NORYL

SHAFT

STAINLESS STEEL

MECHANICAL SEAL

CERAMIC - GRAPHITE - INOX



16

ITS BACKGROUND

This is a self-priming "Jet" type el/pump. Its closed impeller enables it to give a high suction capacity. Suitable for fresh water only.

WHY SHOULD I BUY THIS PUMP?

It's got a closed impeller which gives a high suction capacity. It's economical but still does the right job for the domestic environment - Required on for Fresh water only.

DIMENSIONS

	H mm	D mm	W mm	Kg
AX 1 DC	160	370	165	6
AX 2 DC	160	370	165	7
AX 2 AC	160	370	165	6
AX 3 DC	200	430	170	11
AX 3 AC	200	400	170	10
AX 4 DC	200	430	170	12
AX 4 AC	200	400	170	11
AX 5/18	245	560	220	22
AX 5/18	245	500	220	17

AX 1	DC 12 - 24	45 - 5	5 - 26	0.30	1" 1"
AX 2	DC 24	48 - 5	8 - 34	0.37	1" 1"
AX 3	DC 24	68 - 5	5 - 41	0.55	1" 1"
AX 4	DC 24	85 - 5	10 - 34	0.75	1" 1"
AX 5/18	DC 24	95 - 5	25 - 45	1.10	1 1/4" 1"
AX 2	AC 1~230 - 3~230/400	48 - 5	15 - 36	0.37	1" 1"
AX 3	AC 1~230 - 3~230/400	48 - 5	23 - 46	0.55	1" 1"
AX 4	AC 1~230 - 3~230/400	70 - 5	20 - 40	0.75	1" 1"
AX 5/18	AC 1~230 - 3~230/400	95 - 5	25 - 45	1.10	1 1/4" 1"

Voltage V Delivery l/min Head m Power kW IN - OUT

TP

SELF-PRIMING VANE EL/PUMP

- BODY PUMP

CAST IRON
- SHAFT

STAINLESS STEEL
- MECHANICAL SEAL

CERAMIC - GRAPHITE - INOX



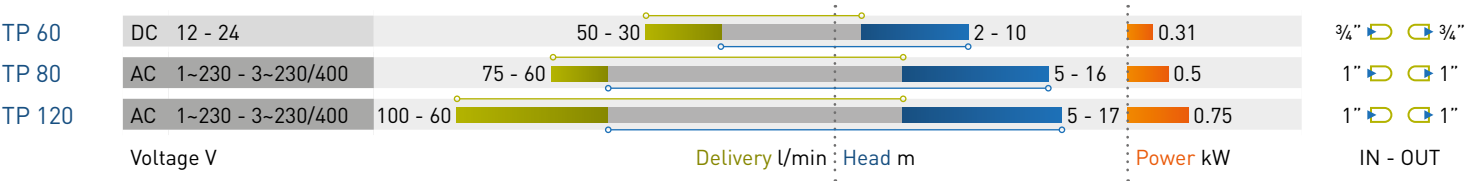
ITS BACKGROUND

Self-priming, vane el/pump with high flow rates and easy to operate and install. It's light weight and compact which offers reliability and safety.

WHY SHOULD I BUY THIS PUMP?

When a diesel intake el/pump is needed with a by pass valve and anchoring brackets. We offer 2 types the TP60 that can be used with 12/24 DC voltage and the TP80 and TP120 that are suitable for continuous service and have a thermal motor overload protection.

DIMENSIONS	H mm	D mm	W mm	Kg
TP 60	160	210	120	4
TP 80	200	330	190	13
TP 120	250	350	190	16



TN - TQB

SELF PRIMING GEAR EL/PUMP

BODY PUMP

CAST IRON

GEAR

STAINLESS STEEL

SHAFT

STAINLESS STEEL

MECHANICAL SEAL

CERAMIC - GRAPHITE - INOX



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ITS BACKGROUND

This self priming gear pump which is most adaptable for the intake of diesel oil, lubricant and fluids with viscosity up to 6°E and without any suspended solid parts.

WHY SHOULD I BUY THIS PUMP?

When good pressure is needed for heavy duty service such as sludge oil – this is what should be used. It works at a max of 90°C.

DIMENSIONS

	H mm	D mm	W mm	Kg
TN 10	145	295	145	8
TQB 5	155	315	140	11
TQB 10	185	330	140	15
TQB 15	185	350	145	16
TQB 25	185	460	145	18
TQB 40	200	460	160	20
TQB 50	200	505	160	23
TQB 70	215	510	175	26

TN 10	DC 12 - 24	10	20	0.25	1/2" → 1/2"
TQB 5	AC 1~230 - 3~230/400	5	50	0.25	3/4" → 3/4"
TQB 10	AC 1~230 - 3~230/400	10	50	0.37	3/4" → 3/4"
TQB 15	AC 1~230 - 3~230/400	15	50	0.37	3/4" → 3/4"
TQB 25	AC 1~230 - 3~230/400	25	50	0.55	3/4" → 3/4"
TQB 40	AC 1~230 - 3~230/400	40	50	0.75	1" → 1"
TQB 50	AC 1~230 - 3~230/400	50	50	1.1	1" → 1"
TQB 70	AC 1~230 - 3~230/400	70	50	1.5	1" → 1"

Voltage V Max Delivery l/min Max Head m Power kW IN - OUT

MIS

SELF-PRIMING MACERATOR EL/PUMP

BODY PUMP

STAINLESS STEEL

IMPELLER

STAINLESS STEEL

STATOR

BUNAN NBR

MECHANICAL SEAL

CERAMIC - GRAPHITE - INOX



ITS BACKGROUND

This unique, single screw, self-priming macerator el/pump which is available in 4 versions that cover different levels of delivery. To allow the el/pump to self-prime and to lubricate the stator, it is mandatory to fill the body with liquid.

We suggest to install a no return valve on the suction pipe to enable the el/pump to stay full of water. Verify the correct sense of rotation before first use. This will prevent under-screwing of the rotor.

WHY SHOULD I BUY THIS PUMP?

This is inox body makes it perfect for the marine environment. Has 4 versions which cover delivery levels to the maximum. It's ideal for heavy duty use – cover boat ranges >15 m.

DIMENSIONS

	H mm	D mm	W mm	Kg
MIS 40 DC	145	300	160	12
MIS 40 AC	200	355	160	10
MIS 60 DC	200	560	200	26
MIS 60 AC	230	580	200	24
MIS 80 DC	245	670	200	33
MIS 80 AC	240	670	200	30
MIS 100	240	680	200	35

MIS 40	DC 24	43 – 20	5 – 30	0.33	1½" → 1½"
MIS 60	DC 24	55 – 50	5 – 20	0.8	1½" → 1½"
MIS 80	DC 24	90 – 65	5 – 30	1.1	1½" → 1½"
MIS 40	AC 1~230 - 3~230/400	40 – 20	5 – 30	0.55	1½" → 1½"
MIS 60	AC 1~230 - 3~230/400	53 – 45	5 – 30	1.1	1½" → 1½"
MIS 80	AC 1~230 - 3~230/400	95 – 70	5 – 30	1.5	1½" → 1½"
MIS 100	AC 1~230 - 3~230/400	125 – 95	5 – 20	1.5	1½" → 1½"
Voltage V		Delivery l/min	Head m	Power kW	IN - OUT

MBS

SELF-PRIMING MACERATOR EL/PUMP

BODY PUMP

BRONZE

SCREW

STAINLESS STEEL

STATOR

BUNAN NBR

MECHANICAL SEAL

CERAMIC - GRAPHITE - NBR



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ITS BACKGROUND

This top of the range self-priming macerator el/pumps - which has a bronze body which can only offer you outstanding performance, reliability and long life. To allow the el/pump to self- prime and to lubricate the stator, it is mandatory to fill the body with liquid. We suggest to install a no return valve on the suction pipe to enable the el/pump to stay full of water. Verify the sense of rotation before first use. This will prevent under-screwing of the rotor.

WHY SHOULD I BUY THIS PUMP?

This self priming macerator el/pump with its body in bronze ensures reliability and durability. Offers the maximum quality. Ideal for boats between 12/30 m.

DIMENSIONS

	H mm	D mm	W mm	Kg
MBS 40 DC	175	430	145	17
MBS 40 AC	210	450	155	16

MBS 40

DC 12 - 24

45 - 25

5 - 30

0.33

1" 1"

MBS 40

AC 1~230 - 3~230/400

45 - 25

5 - 35

0.55

1" 1"

Voltage V

Delivery l/min Head m

Power kW

IN - OUT

TM

DIAPHRAGM EL/PUMP

BODY PUMP

TECHNO POLYMER (TM/HTM 15/38)

PVC (TM 50)

LIGHT ALLOY (TM 70)

BRONZE (TM 120)

DIAPHRAGM

NEOPRENE

FITTINGS

STAINLESS STEEL

**NEW
PRODUCT**

WATER PRESSURE SYSTEM - HYDRO TM38

ITS BACKGROUND

These multi services diaphragm el/pump are one of the best solutions around. Volumetric, self-priming el/pumps which are available in different sizes and performance levels. This el/pumps are suitable for intermittent use.

Self-priming capacity:

2 m for TM 15

4 m for TM 38 / HTM 38

2,5 m for TM 50

3 m for TM 70

6 m for TM 120

WHY SHOULD I BUY THIS PUMP?

These types of el/pumps cover a large range of services; bilge, general transfer of liquids, deck washing - ideal for clean water, grey/black water and sea water. These el/pumps can run dry without damage occurring.

DIMENSIONS

	H mm	D mm	W mm	Kg
TM 15 DC	180	250	90	3
TM 38 DC	190	310	130	4
TM 50 DC	270	320	290	7
TM 70 DC	380	500	350	22
TM 70 AC	380	500	350	20
TM 120 DC	320	600	300	40
TM 120 AC	320	600	300	38

DIMENSIONS

	H mm	D mm	W mm	Kg
HTM 38 DC	190	270	170	5

TM 15	DC 12 - 24	18	10	0.06	15 → 15
TM 38	DC 12 - 24	37	8	0.08	20 → 20
TM 50	DC 12 - 24	30	10	0.12	30 → 30
TM 70	DC 12 - 24	70	5	0.37	32 → 32
TM 120	DC 12 - 24	60	15	0.75	1½" → 1½"
TM 70	AC 1~230 - 3~230/400	70	5	0.37	32 → 32
TM 120	AC 1~230 - 3~230/400	60	15	0.75	1½" → 1½"
Voltage V		Max Delivery l/min	Max Head m	Power kW	IN - OUT
HTM 38	DC 12 - 24	16	20	0.08	15 → 15

WATER PRESSURE SYSTEMS

HYDRO-EC	Electro controlled WPS	24
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HYDRO-A	Compact Water Pressure System	26
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AX SET-EC	Water Pressure System	29
AX SET	Water Pressure System	30
TANK	Accumulator tank	31

HYDRO-EC

ELECTRO CONTROLLED WPS



BODY PUMP

STAINLESS STEEL

IMPELLER

TECHNO-POLYMER

SHAFT

STAINLESS STEEL

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ITS BACKGROUND

This electro controlled WPS which distributes water on boats – in basins, showers, water heaters, galleys etc. Its complete with a no return valve and techno-polymer electronic pressure switch.

WHY SHOULD I BUY THIS WPS?

This has an electronic board which replaces the traditional expansion tank system – Dry run protection included.

DIMENSIONS	H mm	D mm	W mm	Kg
HEC 1 DC	370	440	240	9
HEC 2 DC	370	440	240	10
HEC 2 AC	370	440	240	9
HEC 4 DC	400	600	270	23
HEC 4 AC	400	570	270	22
HEC 5/18 DC	450	740	270	31
HEC 5/18 AC	450	680	270	30

HEC 1	DC 12 - 24	45	2.6	0.30	1" → 1"
HEC 2	DC 24	48	3.4	0.37	1" → 1"
HEC 4	DC 24	85	3.4	0.75	1" → 1"
HEC 5/18	DC 24	95	4.5	1.10	1¼" → 1"
HEC 2	AC 1~230 - 3~230/400	48	3.6	0.37	1" → 1"
HEC 4	AC 1~230 - 3~230/400	70	4.0	0.75	1" → 1"
HEC 5/18	AC 1~230 - 3~230/400	95	4.5	1.10	1¼" → 1"
Voltage V		Max Delivery l/min	Max Pressure bar	Power kW	IN - OUT

HYDRO-PRESS

WATER PRESSURE SYSTEM

- BODY PUMP

STAINLESS STEEL
- IMPELLER

TECHNO-POLYMER
- SHAFT

STAINLESS STEEL
- PRESSURE TANK

PAINTED STEEL
WITH FLANGE IN AISI 316



ITS BACKGROUND

This WPS is TF's beauty – it eliminates frequent start up in case of leaks or small water requests – thanks to its 20 l butyl membrane water tank. It's complete with a no return valve and techno-polymer electronic pressure switch. As the WPS is based on a self-priming el/pump, we suggest to fill the pumps with liquid before first use or after the el/pump has been stopped for a long period.

WHY SHOULD I BUY THIS WPS?

This is TF's mix between a traditional and electronic water pressure system – gives 100% outstanding performance. Its device allows it gives constant pressure. Dry run protection included.

DIMENSIONS	H mm	D mm	W mm	Kg
HPI 2 DC	580	600	280	20
HPI 2 AC	580	600	280	19
HPI 4 DC	600	600	280	33
HPI 4 AC	600	600	280	32

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HPI 2	DC 24	48	3.4	0.37	1" → 1"
HPI 4	DC 24	85	3.4	0.75	1" → 1"
HPI 2	AC 1~230 - 3~230/400	48	3.6	0.37	1" → 1"
HPI 4	AC 1~230 - 3~230/400	70	4.0	0.75	1" → 1"
Voltage V		Max Delivery l/min	Max Pressure bar	Power kW	IN - OUT

HYDRO-A

COMPACT WATER PRESSURE SYSTEM

BODY PUMP
BRONZE
IMPELLER
BRONZE
SHAFT
STAINLESS STEEL
MECHANICAL SEAL
CERAMIC - GRAPHITE - INOX
WATER TANK
2 L OR 5 L PAINTED STEEL WITH FLANGE IN AISI 316



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ITS BACKGROUND

This WPS offers a compact size. Self-priming with a Bronze body – 2 different levels of power are available – this grants delivery and pressure. The butyl membrane tank has 2, 5 or 8l capacity. The 8l tank is placed below the pump. As the WPS is based on a self-priming el/pump, we suggest to fill the pumps with liquid before first use or after the el/pump has been stopped for a long period.

WHY SHOULD I BUY THIS WPS?

It's compact size is handy for reduced spaces with a small tank capacity. Bronze impeller and body make it top of the range giving the maximum reliability. Supplied with manometer, pressure switch and no-return valve

DIMENSIONS	H mm	D mm	W mm	Kg	Liter
HA 60 DC	240	300	180	10	2
HA 60 DC	425	355	230	13	8
HA 60 AC	425	355	230	13	8
HA 80 DC	350	410	170	18	5

HA 60	DC 12 - 24	19	2	0.18	1/2" → 1/2"
HA 80	DC 12 - 24	48	3.3	0.37	3/4" → 3/4"
HA 60	AC 1~230	14	2	0.15	1/2" → 1/2"
Voltage V		Max Delivery l/min	Max Pressure bar	Power kW	IN - OUT

HYDRO-AB

WATER PRESSURE SYSTEM

- BODY PUMP
- BRONZE
- IMPELLER
- BRONZE
- SHAFT
- STAINLESS STEEL
- WATER TANK
- 2L OR 20L PAINTED STEEL
WITH FLANGE IN AISI 316
(ON REQUEST AVAILABLE IN S/STEEL)



ITS BACKGROUND

This WPS which is mainly composed of a bronze AB el/pump with different tank sizes - all are supplied with manometer, pressure switch and no return valve. As the WPS is based on a self-priming el/ pump, we suggest to fill the pumps with liquid before first use or after the el/pump has been stopped for a long period.

WHY SHOULD I BUY THIS WPS?

It has a bronze AB el/pump with different tank sizes - all are supplied with manometer, pressure switch and no return valve.

DIMENSIONS	H mm	D mm	W mm	Kg	Liter
HAB 2 DC	340	530	200	15	5
HAB 2 DC	570	580	280	19	20
HAB 4 DC	620	660	280	32	20
HAB 4 AC	620	660	280	30	20
HAB 5/18 DC	670	810	280	47	20
HAB 5/18 AC	670	810	280	40	20
HAB 5/18 AC	870	830	370	51	60

HAB 2	DC 24	48	3.4	0.37	1" → 1"
HAB 4	DC 24	85	3.4	0.75	1" → 1"
HAB 5/18	DC 24	95	4.5	1.10	1" → 1"
HAB 4	AC 1~230 - 3~230/400	70	4.0	0.75	1" → 1"
HAB 5/18	AC 1~230 - 3~230/400	95	4.5	1.10	1" → 1"
Voltage V		Max Delivery l/min	Max Pressure bar	Power kW	IN - OUT

HYDRO-AX

WATER PRESSURE SYSTEM

BODY PUMP

STAINLESS STEEL

IMPELLER

TECHNO-POLYMER

SHAFT

STAINLESS STEEL

WATER TANK

5L PAINTED STEEL OR 20L S/STEEL
WITH AISI 316 FLANGE
(ON REQUEST AVAILABLE
IN PAINTED STEEL)



28 ITS BACKGROUND

This WPS which is mainly composed of a inox AX el/pump and a butyl membrane water tank which is also available in 3 different capacities: 5l, 20l or 60l. As the WPS is based on a self-priming el/pump, we suggest to fill the pumps with liquid before first use or after the el/pump has been stopped for a long period.

WHY SHOULD I BUY THIS WPS?

It's a stainless steel self-priming el/pump it's compact size 5 l version allows it to fit in any type of boat size. The s/steel 20 l version makes it most suitable for marine environment. Bigger size tanks available on request. Manometer, pressure switch and no return valve included.

DIMENSIONS	H mm	D mm	W mm	Kg	Liter
HAX 1 DC	330	400	200	10	5
HAX 1 DC	600	570	280	13	20
HAX 2 DC	330	400	200	11	5
HAX 2 DC	600	570	280	14	20
HAX 2 AC	330	400	200	11	5
HAX 2 AC	600	570	280	14	20
HAX 4 AC	630	570	280	17	20
HAX 5/18 AC	680	570	280	22	20
HAX 5/18 AC	870	770	370	35	60

HAX 1	DC 12 - 24	45	2.6	0.30	1" → 1"
HAX 2	DC 24	48	3.4	0.37	1" → 1"
HAX 2	AC 1~230 - 3~230/400	48	3.6	0.37	1" → 1"
HAX 2	AC 1~230 - 3~230/400	48	3.6	0.37	1" → 1"
HAX 4	AC 1~230 - 3~230/400	70	4.0	0.75	1" → 1"
HAX 5/18	AC 1~230 - 3~230/400	95	4.5	1.10	1 1/4" → 1"
Voltage V		Max Delivery l/min	Max Pressure bar	Power kW	IN - OUT

AX SET - EC

WATER PRESSURE SYSTEM

BODY PUMP

STAINLESS STEEL*

IMPELLER

TECHNO-POLYMER

SHAFT

STAINLESS STEEL

BASE

STAINLESS STEEL



ITS BACKGROUND

This is a group of WPS for water distribution – included with a device for automatic control and protection. This enables it to give constant pressure during the water supply thanks to the sensors which are controlled by an electric board. We suggest to install a 20l tank which will give better performance. As the WPS is based on a self-priming el/pump, we suggest to fill the pumps with liquid before first use or after the el/pump has been stopped for a long period.

WHY SHOULD I BUY THIS WPS?

Giving outstanding performance and an additional supply of water. Complete with a 2l butyl membrane tank , electronic water switch in techno polymer, manometer, no return valve and a stainless steel base with rubber mounts. Before shipment, this WPS is set and tested in factory.

DIMENSIONS

	H mm	D mm	W mm	Kg
AX SET-EC 1 DC	600	570	560	40
AX SET-EC 2 DC	600	570	560	40
AX SET-EC 2 AC	600	570	560	38
AX SET-EC 4 DC	620	730	560	50
AX SET-EC 4 AC	620	700	560	46
AX SET-EC 5/18 DC	670	850	630	76
AX SET-EC 5/18 AC	670	790	630	62
AX SET-EC 6/22 AC	730	830	680	67

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AX SET-EC 1	DC 12 - 24	45 x 2	2.6	0,30+0,30	1¼" → 1¼"
AX SET-EC 2	DC 24	48 x 2	3.4	0,37+0,37	1¼" → 1¼"
AX SET-EC 4	DC 24	85 x 2	3.4	0,75+0,75	1¼" → 1¼"
AX SET-EC 5/18	DC 24	95 x 2	4.5	1,1+1,1	2" → 1½"
AX SET-EC 2	AC 1~230 - 3~230/400	48 x 2	3.6	0,37+0,37	1¼" → 1¼"
AX SET-EC 4	AC 1~230 - 3~230/400	70 x 2	4.0	0,75+0,75	1¼" → 1¼"
AX SET-EC 5/18	AC 1~230 - 3~230/400	95 x 2	4.5	1,1+1,1	2" → 1½"
AX SET-EC 6/22	AC 1~230 - 3~230/400	135 x 2	4.5	1,5+1,5	2" → 1½"

Voltage V

Max Delivery l/min

Max Pressure bar

Power kW

IN - OUT

* Bronze el/pump also available on request.

AX SET

WATER PRESSURE SYSTEM

BODY PUMP

STAINLESS STEEL*

IMPELLER

TECHNO-POLYMER

SHAFT

STAINLESS STEEL

BASE

STAINLESS STEEL



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ITS BACKGROUND

This group of WPS is for water distribution. Composed of 2 el/pumps which are to be installed with water tanks (see page 31). As the WPS is based on a self-priming el/pump, we suggest to fill the pumps with liquid before first use or after the el/pump has been stopped for a long period.

WHY SHOULD I BUY THIS WPS?

Each of these systems include; pressure switches, valves, manometers, fitting kits, and a stainless steel base with rubber mounts. Offering the maximum for water distribution.

DIMENSIONS

	H mm	D mm	W mm	Kg
AX SET 1 DC	520	580	440	36
AX SET 2 DC	520	580	440	36
AX SET 2 AC	520	580	440	34
AX SET 4 DC	560	640	460	45
AX SET 4 AC	560	610	460	41
AX SET 5/18 DC	620	770	520	69
AX SET 5/18 AC	620	710	520	56
AX SET 6/22 AC	620	710	520	61

AX SET 1	DC 12 - 24	45 x 2	2.6	0,30+0,30	1¼" IN - OUT
AX SET 2	DC 24	48 x 2	3.4	0,37+0,37	1¼" IN - OUT
AX SET 4	DC 24	85 x 2	3.4	0,75+0,75	1¼" IN - OUT
AX SET 5/18	DC 24	95 x 2	4.5	1,1+1,1	2" IN - OUT
AX SET 2	AC 1~230 - 3~230/400	48 x 2	3.6	0,37+0,37	1¼" IN - OUT
AX SET 4	AC 1~230 - 3~230/400	70 x 2	4.0	0,75+0,75	1¼" IN - OUT
AX SET 5/18	AC 1~230 - 3~230/400	95 x 2	4.5	1,5+1,5	2" IN - OUT
AX SET 6/22	AC 1~230 - 3~230/400	135 x 2	4.5	1,5+1,5	2" IN - OUT

Voltage V

Max Delivery l/min

Max Pressure bar

Power kW

IN - OUT

* Bronze el/pump also available on request.

TANK

ACCUMULATOR TANKS

BODY TANK

STAINLESS STEEL OR CARBON
STEEL PAINTED

FLANGE

STAINLESS STEEL

MEMBRANE

BUTYL











ITS BACKGROUND

Accumulator tanks with butyl membrane for water pressure system storage.

WHY SHOULD I BUY THIS TANK?

This tank offers extra storage which is available in horizontal or vertical execution.

CAPACITY l	EXECUTION	IN - OUT	
20	HORIZONTAL	1" 	-
60	HORIZONTAL	1" 	-
100	HORIZONTAL OR VERTICAL	1" 	 1"
200	VERTICAL	1" 	 1"
300	VERTICAL	1" 	 1"

* Fiberglass tank also available on request.

FANS

CL-CZ	Centrifugal fan	34
K-PLP / PLS	Fan + Gravity damper	35
AXF	Axial fan	36 - 37

CL-CZ

CENTRIFUGAL FAN

CASINGALUMINIUM (CL)
ZINC-COATED STEEL (CZ)**IMPELLER**

STEEL – FORWARD BLADES



34

ITS BACKGROUND

Versatile and hardiness enable these fans to suit engine rooms, kitchen and WC.

It is mandatory that the orientation of the LX or RX of the fans are specified when order is made.

WHY SHOULD I BUY THIS FAN?

The material used for these fans are made to suit the marine environment. Where are good pressure and compact size are needed this is the right choice.

Available on request mild steel inlet / outlet adaptor (Painted steel for CL / CZ series)

DIMENSIONS

	H mm	D mm	W mm	Kg
CL 92 DC	185	220	170	3
CL 92 AC	185	275	170	3
CL 134/2 DC	230	345	215	7
CL 134/2 AC	230	345	215	8
CL 164/2 DC	310	350	275	9
CL 164/2 AC	310	350	275	10
CL 184/2 DC	310	350	275	11
CL 184/2 AC	310	350	275	11
CZ 20 DC	375	355	340	20
CZ 20/4 AC	375	335	340	22
CZ 20/2 AC	375	355	340	32
CZ 25/4 AC	440	365	415	40
CZ 30/4 AC	515	360	470	45

CL 92	DC 24	4	20	0.04	100 Ø	70 A	60 B
CL 134/2	DC 24	12.5	35	0.25	100 Ø	105 A	93 B
CL 164/2	DC 24	21	56	0.30	128 Ø	105 A	113 B
CL 184/2	DC 24	21	68	0.55	145 Ø	105 A	113 B
CZ 20	DC 24	33	70	0.75	150 Ø	126 A	128 B
CL 92	AC 1~230 - 3~230/400	4	20	0.09	100 Ø	70 A	60 B
CL 134/2	AC 1~230 - 3~230/400	15	55	0.25	100 Ø	105 A	93 B
CL 164/2	AC 1~230 - 3~230/400	25	90	0.37	128 Ø	105 A	113 B
CL 184/2	AC 1~230 - 3~230/400	30	105	0.55	145 Ø	105 A	113 B
CZ 20/4	AC 1~230 - 3~230/400	21	30	0.25	150 Ø	126 A	138 B
CZ 20/2	AC 1~230 - 3~230/400	42	125	1.5	150 Ø	126 A	138 B
CZ 25/4	AC 1~230 - 3~230/400	29	42	0.75	200 Ø	135 A	143 B
CZ 30/4	AC 1~230 - 3~230/400	42	65	0.75	240 Ø	130 A	175 B

Voltage V

Max Delivery m³/min

Max Pressure mm H₂O

Power kW

Inlet mm

Outlet mm

* The photo shows an LX orientation model.

K-PLP / PLS

FAN + GRAVITY DAMPER

GRAVITY DAMPER
(STANDARD ONLY FOR K-PLP)

ALUMINIUM

BLADES

TECHNO POLYMER

FRAME

CORROSION-PROOF MATERIALS



ITS BACKGROUND

K-PLP is a compact size aluminium gravity damper with high performance axial fan. All assembled together.

PL type is a totally integrated fan with frame for easy installation.

WHY SHOULD I BUY THIS FAN?

K-PLP Ideal solution for engine rooms ventilation of small boats. PL is suitable for small-medium boats where small spaces are available.

DIMENSIONS

	H mm	D mm	W mm	Kg
K-PLP 225	300	125	300	4
K-PLP 305	390	140	390	6
PLS 315	400	170	400	6
PLS 355	450	170	450	7
PLS 400	510	170	510	8
PLS 450	570	180	570	10
PLS 500	660	180	660	11
PLS 560	710	210	710	17
PLS 630	810	210	810	20
PLS 710	860	220	860	22

K-PLP 225	DC 12 - 24	20	20	0.12
K-PLP 305	DC 12 - 24	37	20	0.15
PLS 315	AC 1~230 - 3~230/400	40	10	0.15
PLS 355	AC 1~230 - 3~230/400	58	13	0.15
PLS 400	AC 1~230 - 3~230/400	85	15	0.18
PLS 450	AC 1~230 - 3~230/400	108	17	0.25
PLS 500	AC 1~230 - 3~230/400	131	19	0.37
PLS 560	AC 1~230 - 3~230/400	183	20	0.55
PLS 630	AC 1~230 - 3~230/400	230	23	0.9
PLS 710	AC 1~230 - 3~230/400	266	25	1.5

Voltage V Max Delivery m³/min Max Pressure mm H₂O Power kW

AXF

AXIAL FAN

CASING

PAINTED STEEL

IMPELLERALUMINIUM ALLOY
POLYPROPYLENE-GLASS

36

ITS BACKGROUND

These fans have high flow volume and good hardness which make them most suitable for engine rooms in yachts and mega yachts. It is mandatory that the orientation of the flux of the fan is specified when order is made.

WHY SHOULD I BUY THIS FAN?

Giving out high volume they can give the engine room of your yacht or mega yacht the maximum of performance. The protection grid is provided on the motor side. These fans are also supplied with vibration damping rings on request.

DIMENSIONS	ØInt. mm	ØExt. mm	D mm	Kg
AXF 215/A DC	215	275	290	10
AXF 250/B DC	260	320	150	13
AXF 250/B AC	260	320	150	12
AXF 315/A AC	310	390	150	12
AXF 315/B DC	310	390	150	14
AXF 315/B AC	310	390	150	13
AXF 355/A AC	360	455	150	14
AXF 355/B DC	360	455	150	14
AXF 355/B AC	360	455	150	15
AXF 400/A AC	410	510	150	15
AXF 400/B DC	410	510	150	18
AXF 400/B AC	410	510	150	18
AXF 450/A AC	460	560	150	17
AXF 450/B DC	460	560	150	22
AXF 450/B AC	460	560	150	31
AXF 500 DC	510	620	150	28
AXF 500 AC	510	620	150	23
AXF 560 DC	570	680	180	33
AXF 560 AC	570	680	180	26
AXF 630 A AC	640	775	180	33
AXF 630 B AC	640	775	180	34
AXF 710 A AC	710	816	180	48
AXF 710 B AC	710	816	180	58
AXF 800 A AC	810	915	200	86
AXF 800 B AC	810	915	200	99
AXF 900 A AC	910	1015	250	139
AXF 900 B AC	910	1015	250	147

AXF 215/A	DC 12 - 24	22	13	0.18
AXF 250/B	DC 12 - 24	32	13	0.37
AXF 315/B	DC 24	70	21	0.37
AXF 355/B	DC 24	95	21	0.37
AXF 400/B	DC 24	128	25	0.6
AXF 450/B	DC 24	145	27	0.6
AXF 500	DC 24	140	21	0.75
AXF 560	DC 24	200	25	1.0
AXF 250/B	AC 1~230 - 3~230/400	35	13	0.37
AXF 315/A	AC 1~230 - 3~230/400	37	10	0.18
AXF 315/B	AC 1~230 - 3~230/400	75	34	0.55
AXF 355/A	AC 1~230 - 3~230/400	50	12	0.18
AXF 355/B	AC 1~230 - 3~230/400	100	40	0.75
AXF 400/A	AC 1~230 - 3~230/400	70	14	0.18
AXF 400/B	AC 1~230 - 3~230/400	130	43	1.1
AXF 450/A	AC 1~230 - 3~230/400	96	15	0.37
AXF 450/B	AC 1~230 - 3~230/400	170	50	2.2
AXF 500	AC 1~230 - 3~230/400	140	20	0.55
AXF 560	AC 1~230 - 3~230/400	200	25	0.75
AXF 630/A	AC 1~230 - 3~230/400	215	21	0.75
AXF 630/B	AC 1~230 - 3~230/400	260	22	1.1
AXF 710/A	AC 1~230 - 3~230/400	275	22	1.5
AXF 710/B	AC 3~400/690	330	24	2.2
AXF 800/A	AC 3~400/690	430	50	4
AXF 800/B	AC 3~400/690	530	55	5.5
AXF 900/A	AC 3~400/690	560	60	5.5
AXF 900/B	AC 3~400/690	810	70	7.5

Voltage V

Max Delivery m³/min

Max Pressure mm H₂O

Power kW

ACCESSORIES

MANUAL PUMP	Semi-rotary hand wing pump	40
WATER HEATER	Electrical water heater	41
DAMPER	S/steel marine smoke and fire damper	42
CONTROL PANEL	Adjustable speed driver	43

MANUAL PUMP

SEMI-ROTARY HAND WING PUMP

- BODY PUMP

CAST IRON
- INTERNAL PARTS

BRASS
- SHAFT

STEEL



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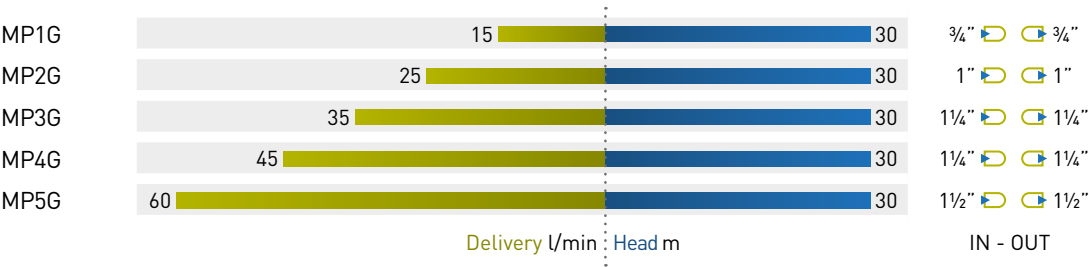
ITS BACKGROUND

This double acting semi-rotary hand wing pump is for vertical installation. It performs at its best even in the roughest situations thanks to its reinforced inlet flange / outlet flange and mounted lings. It must be bolted down to a strong enough surface.

WHY SHOULD I BUY THIS PUMP?

A manual pump is a must have on any boat/yacht. With the material used, It guarantees durability and effectiveness. There are also 2 mounting lugs included.

DIMENSIONS	H mm	D mm	W mm	Kg
MP1G	225	185	145	5
MP2G	255	210	150	6
MP3G	285	235	175	9
MP4G	305	260	195	11
MP5G	345	300	195	14



* Bronze pump also available on request.

WATER HEATER

ELECTRICAL WATER HEATER

- BOILER AND CASING
- STAINLESS STEEL
- INSULATION
- MINERAL WOOL
- RESISTANCE
- INCOLOY



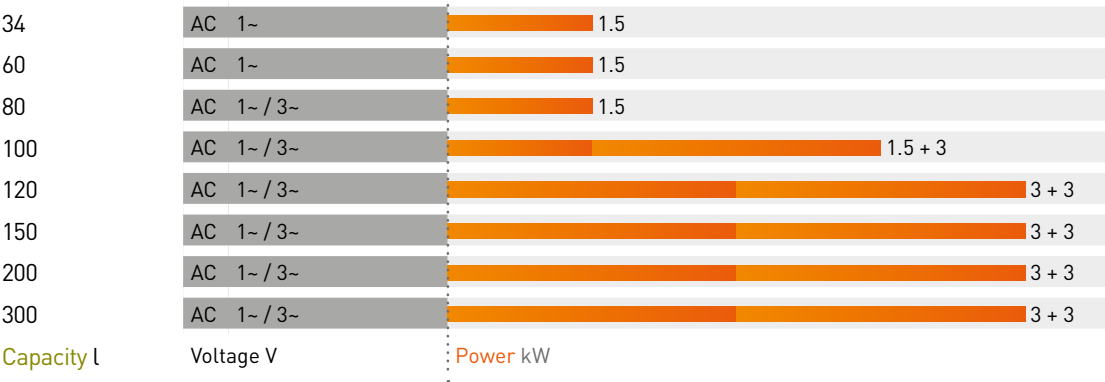
ITS BACKGROUND

This water heater is specially designed for marine application. It is to keep sanitary water clean. Offering electrical resistance and/ or heating coil from the engine and/ or coil from the water heater circuit.

WHY SHOULD I BUY THIS WH?

Each water heater has a double thermostat, thermometer and a no return valve. Being made for the Marine environment ensure utmost quality. We offer both vertical and horizontal solutions on request.

CAPACITY l	H mm	Ø mm	Kg
34	470	360	19
60	550	450	23
80	720	450	25
100	920	450	30
120	1120	450	33
150	1000	510	46
200	1200	510	68
300	1200	610	92



DAMPER

S/STEEL MARINE SMOKE AND FIRE DAMPER



CASING

STAINLESS STEEL

WINGS

STAINLESS STEEL

42

ITS BACKGROUND

These dampers are to be installed in ventilation systems for marine use. Numerous types of pneumatic or electric “fail safe” actuators are available on request.

WHY SHOULD I BUY THIS DAMPER?

Being multi-wing fire and smoke dampers make them suitable for marine application. They have external levers on the sides which enable them to open and close. These items can also be custom made on request.

DAMPER TYPE	SMOKE	FIRE
MATERIAL	Stainless steel	Stainless steel
DUCT WIDTH	on request	on request
DUCT HEIGHT	on request	on request
CASE DEPT	110 mm	150 mm
FLANGE	30 mm	40 mm
CASE THICKNESS	1.2 mm	2.0 mm
SHAFT LENGHT	80 mm	-
ACTUATOR THICKNESS	-	60 mm

CONTROL PANEL

ADJUSTABLE SPEED DRIVER

CASING

TECHNO POLYMER

LIGHT SIGNALS

MULTICOLOUR LED



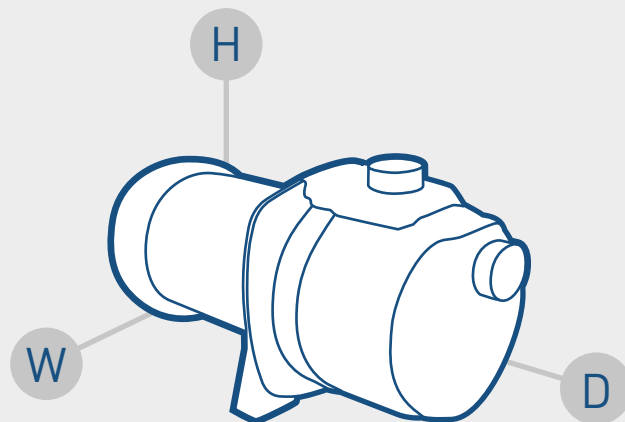
ITS BACKGROUND

These control panels are for pumps, wps and fans at fixed or variable speed depending on your needs and applications. Make sure it is set at the right target to get the utmost efficiency for your engine room.

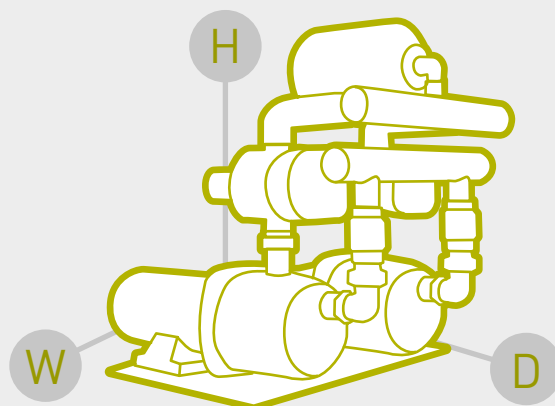
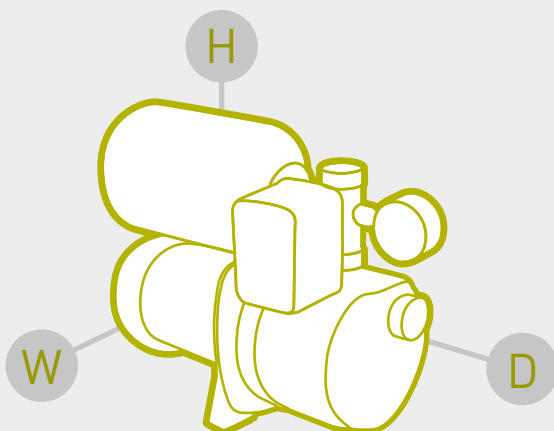
WHY SHOULD I BUY THIS CP?

Make your life easier by controlling the pumps and fans performance with these compact and modern panels.

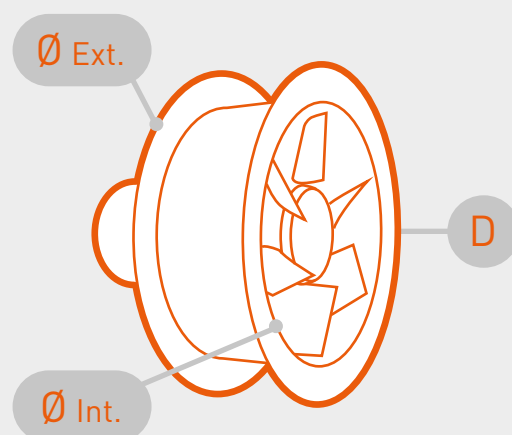
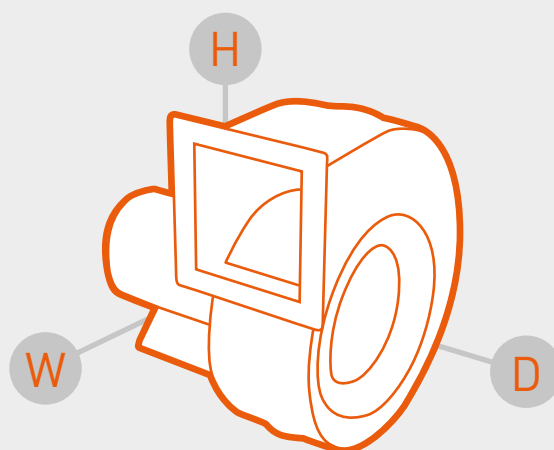
PUMPS



WPS



FANS



GENERAL NOTES

- The reported voltages on this catalogue are: 12V d.c - 24V d.c. - 1~230V 50Hz - 3~230/400V 50Hz - 3~400/690V 50Hz.
- On demand, it is possible to supply 60 Hz versions.
- Our pumps can be tested in accordance with the Rules of the main Classification Societies.

Product Code	Power Supply DC	Relationship between max delivery and min pressure		Pressure range	Outlet Connection	Inlet Connection
A 90	DC 12 - 24	48 - 15		2 - 34	0.45	1"
A 90	AC 1~230 - 3~230/400	48 - 5		4 - 41	0.55	1"
Voltage V		Delivery l/min ; Head m		Power kW	IN - OUT	
Power Supply AC		Delivery range		Relationship between min delivery and max pressure	Installed Power	

Product Code	Power Supply DC	Max Delivery	Max Pressure	Outlet Connection	Inlet Connection
HAX 1	DC 12 - 24	45	2.6	0.30	1"
AX SET 5	AC 1~230 - 3~230/400	95 x 2	4.5	1,5+1,5	2"
Voltage V		Max Delivery l/min ; Max Pressure bar		Power kW	IN - OUT
Power Supply AC		Max Delivery Both el/pumps		Installed Power	

Product Code	Power Supply DC		Max Pressure		Inlet Connection	Outlet Connection
CL 134/2	DC 24	12.5	35	0.25	200 ø	135 A 143 B
AXF 710/B	AC 3~400/690	330	24	2.2	240 ø	130 A 175 B
Voltage V		Max Delivery m³/min	Max Pressure mm H ₂ O	Power kW	Inlet mm	Outlet mm
	Power Supply AC		Max Delivery	Installed Power		

PRODUCTS SPECIFICATIONS AND DIMENSIONS

- In the interest of technical progress, product descriptions and specifications are subject to alteration without notice.
- The reported photos are not binding; only for commercial purposes.
- The dimension given are approximate; critical dimension should be checked with our Sales Office before purchase.



EDITION TF14ED01

TF Marine Srl
55049 LUCCA - Italy
Tel. +39 (0)584 365170
Fax +39 (0)584 365170
info@tfmarine.it

WWW.TFMARINE.IT