CIRCULATORS

FOR SOLAR PANEL HEATING SYSTEMS

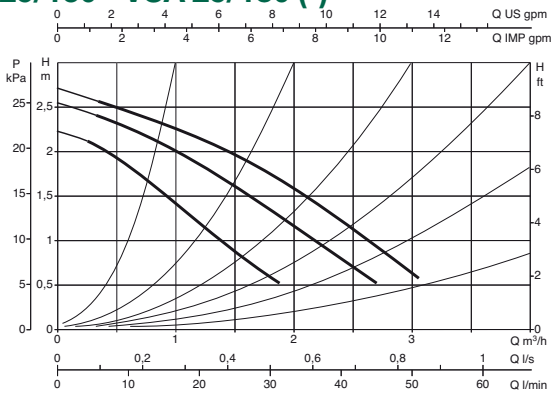
SURFACE COATING APPLIED BY ELECTROPHORESIS PROCESS

Pump for circulation of fluid media in solar panel powered heating systems.
VSA wet rotor circulators can function perfectly also with high glycol concentrations (up to 60%).
Monobloc body composed of hydraulic section in cast iron and wet rotor motor.
Special electrophoresis coating of the pump body to ensure resistance to glycol attack. Motor casing in diecast aluminium. Rotor in engineering polymer, motor shaft in hardened stainless steel held in graphite bearings lubricated by the pumping medium.
Rotor protective jacket, stator jacket, and closing flange in stainless steel.
Ceramic thrust ring, ethylene propylene seals and brass air breather plug.
Two-pole asynchronous motor with squirrel cage rotor designed to run at three alternative speeds on the basis of the setting of a selector on the terminal board in order to adapt circulator operation to the characteristics of the system.

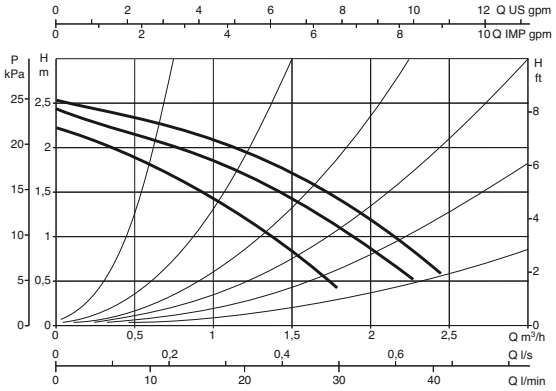
Operating range: from 0 to 4,2 m³/h with pressure head of up to 6.3 m.
Liquid temperature range: from -10°C to +110°C (TF110)
All models are designed to withstand temperature peaks of up to 140°C
Pumped fluid: clean, free of solid contaminants and mineral oils, non-viscous, chemically neutral, close to the properties of water (max. glycol 60%).
Max. working pressure: 10 bar (1000 kPa)
Installation: with HORIZONTAL MOTOR SHAFT
Protection rating: IP 44 **Insulation class:** F

ELECTRICAL AND HYDRAULIC DATA

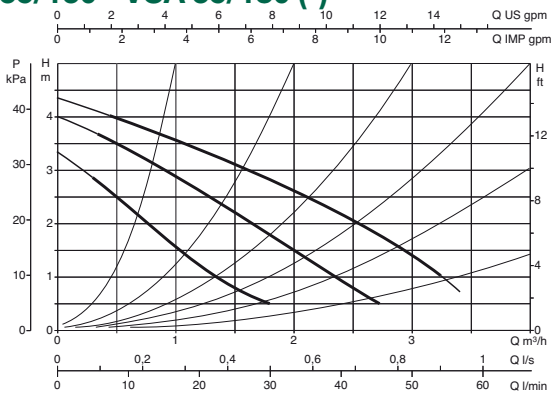
VSA 25/130 - VSA 25/180 (*)



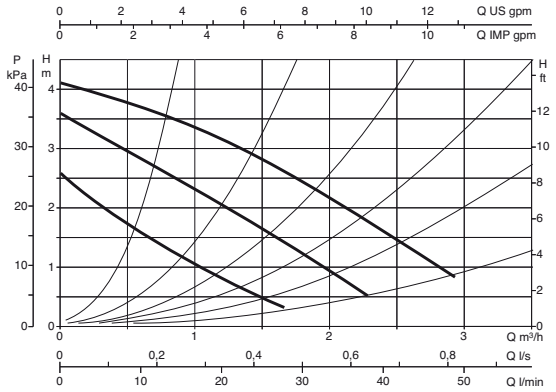
VSA 25/130 1/2”



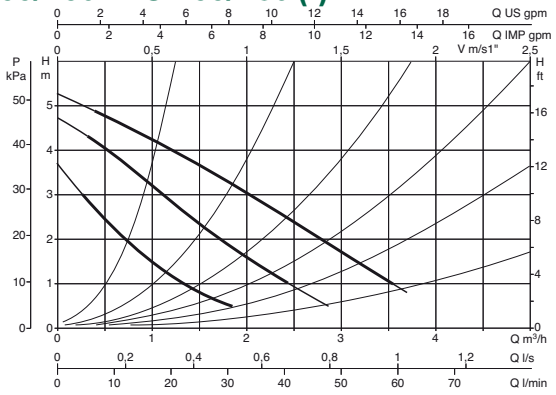
VSA 35/130 - VSA 35/180 (*)



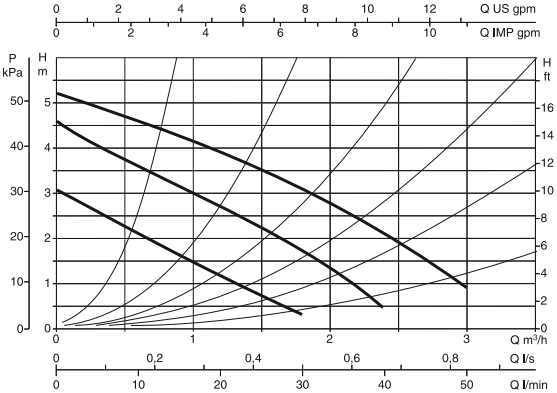
VSA 35/130 1/2”



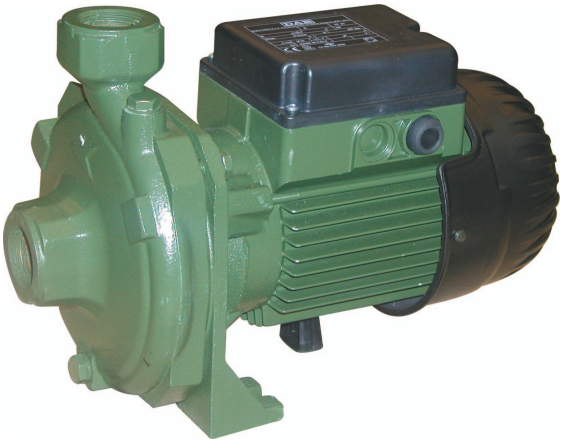
VSA 55/130 - VSA 55/180 (*)



VSA 55/130 1/2”



K
TWIN IMPELLER PUMPS



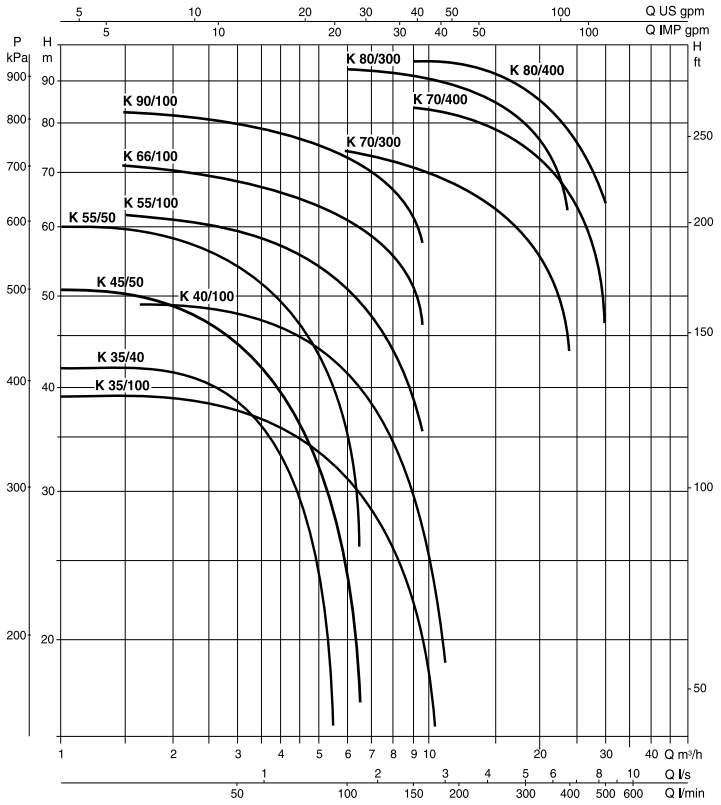
Twin impeller centrifugal pump designed for use in pressurisation units for water supply systems for domestic, civil and industrial use. Suitable for sprinkling irrigation and other water supply applications. Cast iron pump body and motor support. Technopolymer impeller.
Stainless steel driving shaft. Carbon/ceramic mechanical seal.
Asynchronous, closed motor, 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 1.2 to 30 m^3/h with head up to 97 metres.
Pumped liquid characteristics: clean, free from solids or abrasive substances, not viscous, not aggressive, not crystallised, chemically neutral and close to the characteristics of water.

Liquid temperature range:
from -10°C to +50°C: for K 35/40, K 45/50, K 35/100, K 40/100, K 55/100
from -15°C to +110°C: for K 55/50, K 66/100, K 90/100, K 70/300, K 80/300, K 70/400, K 80/400
Maximum operating range: K 35/40, K 35/100, K 40/100: 6 bar (600 kPa)
K 45/50, K 55/50: 8 bar (800 kPa)
K 55/100, K 66/100: 10 bar (1000 kPa)
K 90/100, K 70/300, K 80/300
K 70/400, K 80/400: 12 bar (1200 kPa)
Maximum ambient temperature: +40°C
Protection level: IP 44
Terminal board protection level: IP 55
Insulation class: F

TECHNICAL DATA

MODEL	ELECTRICAL DATA						
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	CAPACITOR µF	CAPACITOR Vc
K 35/40 M	1x220-240 V ~	1,2	0,75	1	5,5	20	450
K 35/40 T	3x230-400 V ~	1,2	0,75	1	3,8-2,2	–	–
K 45/50 M	1x220-240 V ~	1,86	1,1	1,5	8,3	31,5	450
K 45/50 T	3x230-400 V ~	1,96	1,1	1,5	6-3,5	–	–
K 55/50 M	1x220-240 V ~	2,7	1,85	2,7	12,8	40	450
K 55/50 T	3x230-400 V ~	2,5	1,85	2,5	8,4-4,8	–	–
K 35/100 M	1x220-240 V ~	1,56	1,1	1,5	7,1	25	450
K 35/100 T	3x230-400 V ~	1,56	1,1	1,5	5,36-3,1	–	–
K 40/100 M	1x220-240 V ~	2	1,85	2,5	9	40	450
K 40/100 T	3x230-400 V ~	2	1,85	2,5	6,2-3,6	–	–
K 55/100 T	3x230-400 V ~	3,9	2,2	3	11,6-6,7	–	–
K 66/100 T	3x230-400 V ~	4,7	3	4	14,6-8,4	–	–
K 90/100 T	3x230-400 V ~	5,4	4	5,5	16,5-9,5	–	–
K 70/300 T	3x400 V ~ Δ*	7,1	5,5	7,5	12,9	–	–
K 80/300 T	3x400 V ~ Δ*	9,9	7,5	10	15	–	–
K 70/400 T	3x400 V ~ Δ*	10,7	9,2	12,5	18	–	–
K 80/400 T	3x400 V ~ Δ*	12,5	11	15	21	–	–

* Star (⅄) starting is possible



KPS - KPF - KP
PERIPHERAL PUMPS

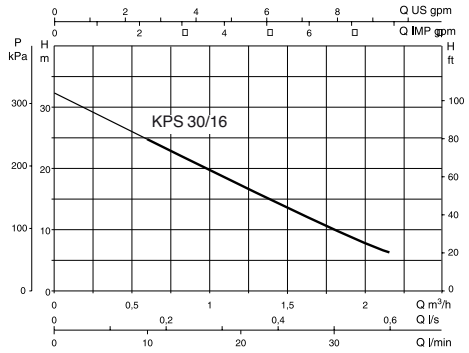
KPF FRONTAL SUCTION

CE

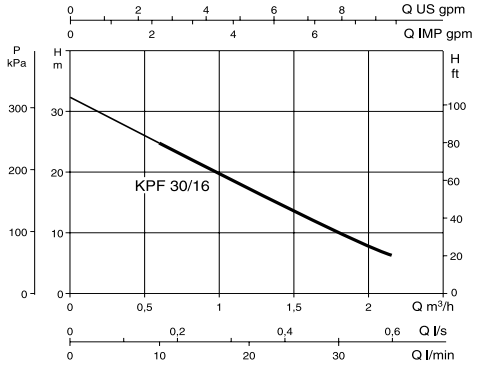
Peripheral centrifugal pump, reduced encumbrance, able to generate high heads, it is suitable for domestic use and small industrial uses.
Pump body and motor support in brass for the KP 60 version , in cast iron for the KPS 30 and KP 38 versions. Brass impeller. Mechanical seal in carbon/ceramic.
Asynchronous, closed motor, 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 to 50 l/min. with head up to 107 metres.
Liquid temperature range: from 0°C to +35°C for domestic use, from -10°C to +80°C (from -10°C to +50°C for the KPS 30 and KP 38 versions) for other uses.
Pumped liquid characteristics:clean , free from solids or abrasive substances, not viscous, not aggressive, not crystallised and chemically neutral.
Maximum ambient temperature: +40°C
Maximum working pressure: 10 bar (6 bar for the KPS 30/16 version and KP 60/12).
Protection level: IP 44 **Insulation class**: F

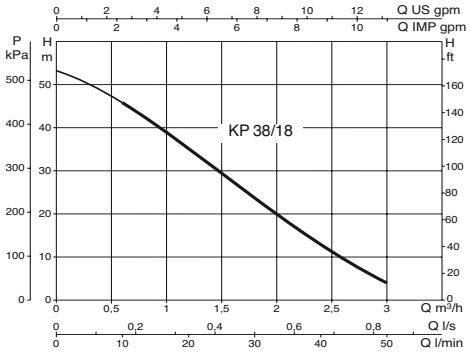
KPS



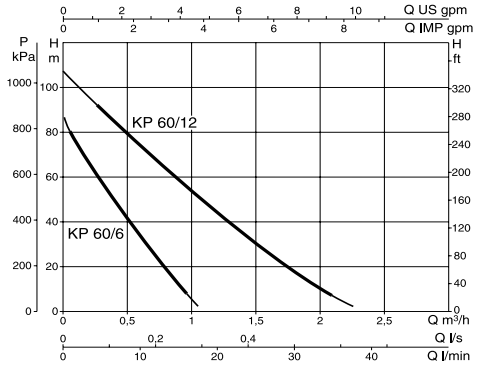
KPF



KP 38/18



KP 60/6 - 60/12



MODEL	ELECTRICAL DATA							HYDRAULIC DATA										
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	CAPACITOR µF	CAPACITOR Vc	Q m³/h	0	0,3	0,6	0,9	0,96	1,2	1,8	2,16	2,4	3
								l/min	0	5	10	15	16	20	30	36	40	50
KPS 30/16 M	1x220-240 V ~	0,47	0,3	0,4	2	8	450	H (m)	32,5	28	25	22	20	17,5	10	6		
KPS 30/16 T	3x230/400 V~	0,42	0,3	0,4	1,4-0,8	–	–											
KPF 30/16 M	1x220-240 V ~	0,53	0,37	0,5	2,37	8	450	H (m)	32,5	31	25	22		17,5	10	6		
KPF 30/16 T	3x230/400 V~	0,47	0,37	0,5	1,45-0,82	–	–											
KP 38/18 M	1x220-240 V ~	0,86	0,6	0,8	3,8	12,5	450	H (m)	54	50	46	41	40	36	27,5	25	22	9
KP 38/18 T	3x230/400 V~	0,81	0,6	0,8	2,6-1,5	–	–											
KP 60/6 M	1x220-240 V ~	0,54	0,37	0,5	2,4	10	450	H (m)	87	57	33	13	9					
KP 60/6 T	3x230/400 V~	0,52	0,37	0,5	1,8-1	–	–											
KP 60/12 M	1x220-240 V ~	1,15	0,75	1	5,2	20	450	H (m)	107	91	74	58	55	43	17	7		
KP 60/12 T	3x230/400 V~	1,12	0,75	1	3,8-2,2	–	–											

NOVA - FEKA

SUBMERSIBLE PUMPS FOR DRAINAGE AND WASTE WATER

CE

Pump body, impeller, cap and suction grid in technopolymer.
Motor, rotor shaft and screws in stainless steel.
Triple O-ring seal interposed with an oil precombustion chamber.
Continuous duty submersible asynchronous motor.
Stator fitted in an airtight stainless steel casing.
Rotor mounted on overdimensioned, greased-for-life ball bearings.
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.
Supplied with standard power cables for the single-phase version:

5 metres HO5RN-F cable for:	NOVA 180 M-A	NOVA 300 M-A
	NOVA 600 M-A	FEKA 600 M-A
10 metres HO5RN-F cable for:	NOVA 180 M-NA	NOVA 200 M-NA
10 metres HO7RN-F cable for:	NOVA 600 M-NA	FEKA 600 M-NA

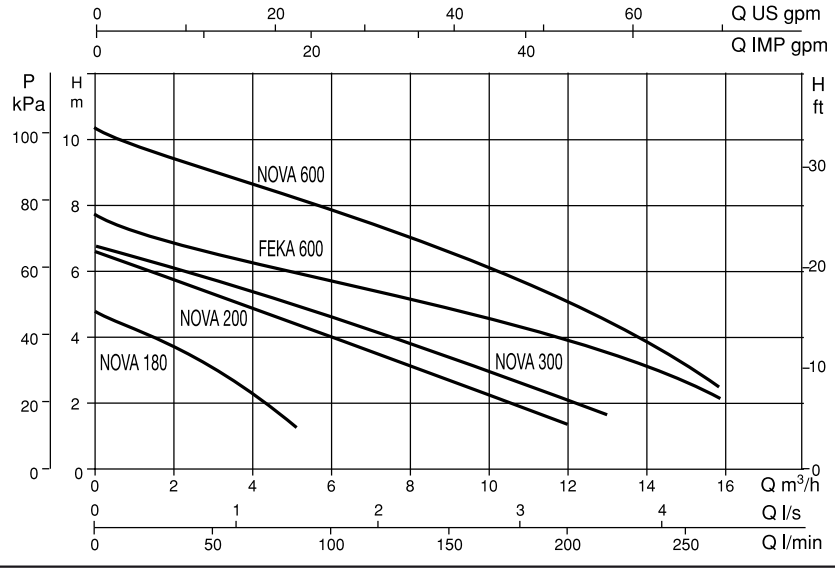
Standard cables supplied for the three-phase version: 5 metres of HO7RN-F cable.
For the single phase the standard is a SCHUKO plug EEC VII.
For special version available with special stainless steel motor shaft.

Operating range: from 1 to 16 m^3/h with head up to 10.2 metres
Liquid temperature range: from 0°C to +35° C for domestic use
Pumped liquid characteristics: NOVA fibre-less murky water
FEKA sewage water from septic tanks

Granulometric passage through the suction grid:	NOVA 180 – NOVA 200	5 mm
	NOVA 300 – NOVA 600	10 mm
	FEKA 600	25 mm
Min. suction depth:	NOVA 180 A	77 mm
	NOVA 180 NA – NOVA 200	8 mm
	NOVA 300	85 mm
	NOVA 600 A – FEKA 600 A	175 mm
	NOVA 600 NA – FEKA 600 NA	38 mm

Maximum immersion depth: 7 metres
Maximum dry running time: 1 minute
Protection level: IP 68
Insulation class: F

HYDRAULIC DATA



MODEL	ELECTRICAL DATA							HYDRAULIC DATA														
	VOLTAGE 50 Hz	P1 MAX kW	P2 NOMINAL kW	P2 NOMINAL HP	In A	CAPACITOR µF	CAPACITOR Vc	Q m³/h	0	1,2	2,4	3	3,6	4,5	5	6	7,5	9	12	12,9	15	15,9
								l/min	0	20	40	50	60	75	83,3	100	125	150	200	215	250	265
NOVA 180 M	1x220-240 V~	0,10	0,20	0,28	0,9	5	450	H (m)	4,8	4,2	3,5	3,15	2,4	1,4								
NOVA 180 M SV *	1x220-240 V~	0,10	0,20	0,28	0,9	5	450															
NOVA 200 M-NA	1x220-240 V~	0,35	0,22	0,3	1,5	8	450		6,6	6,5	5,9	5,2	5,3	4,6	4,7	4	3,2	2,6	1,4			
NOVA 200 M-NA SV *	1x220-240 V~	0,35	0,22	0,3	1,5	8	450															
NOVA 300 M-A	1x220-240 V~	0,35	0,22	0,3	1,6	8	450		6,8	6,7	6	5,86	5,6	5,1	5	4,6	4	3,4	2,2	1,8		
NOVA 300 M-A SV *	1x220-240 V~	0,35	0,22	0,3	1,6	8	450															
NOVA 600 M	1x220-240 V~	0,80	0,55	0,75	3,4	14	450		10,2	9,5	9,1	8,9	8,7	8,3	8,1	7,8	7,2	6,6	5	4,8	3,1	2,2
NOVA 600 T	3x400 V~	0,80	0,55	0,75	1,6	–	–															
NOVA 600 M SV *	1x220-240 V~	0,80	0,55	0,75	3,4	14	450															
NOVA 600 T SV *	3x400 V~	0,80	0,55	0,75	1,6	–	–															
FEKA 600 M-A	1x220-240 V~	1,00	0,55	0,75	4,3	14	450		7,45	7	6,6	6,45	6,3	6,1	5,9	5,7	5,35	4,95	4,1	3,9	2,8	2,2
FEKA 600 (M-T)-NA	3x400 V~	0,97	0,55	0,75	1,7	–	–															
FEKA 600 M-A SV *	1x220-240 V~	1,00	0,55	0,75	4,3	14	450															
FEKA 600 (M-T)-NA SV *	3x400 V~	0,97	0,55	0,75	1,7	–	–															

* With special stainless steel motor shaft.

DRENAG 300 MA - 600 MA - FEKA VS 450 MA

DRENAG

FEKA

Applications

Rain, seepage, sump pit and catch tank water pump Out. Garden and vegetable-garden mini flood Irrigation system rainwater catch tank pump Down.
White water pump over from reservoirs and vats.
Pumping dirty water with possible floating solid contents (only Feka VS 450)

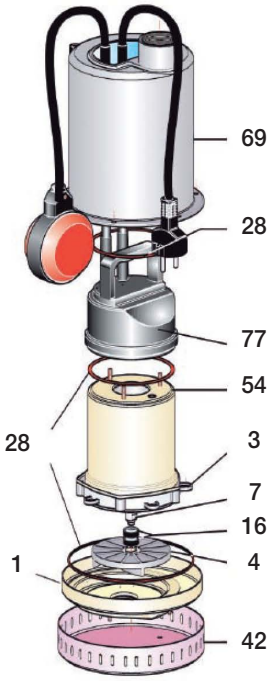
Characteristics

- Semi wet motor watercooled.
- Mechanical seal: oil bath mechanical seals (pump face), sealing ring (motor face).
- Permissible draught of water: 5 m
- By pass section: 10 mm (Drenag 300 - 600)
  20 Mm (Feka vs 450)
- Versions: single-phase 220-230 v / 50 hz
  With built in thermal protection and permanent capacitor.
- Standard cable features: 10 m H0NR-F with schuko plug
- Customised voltage and frequency rating available on demand.

TECHNICAL DATA

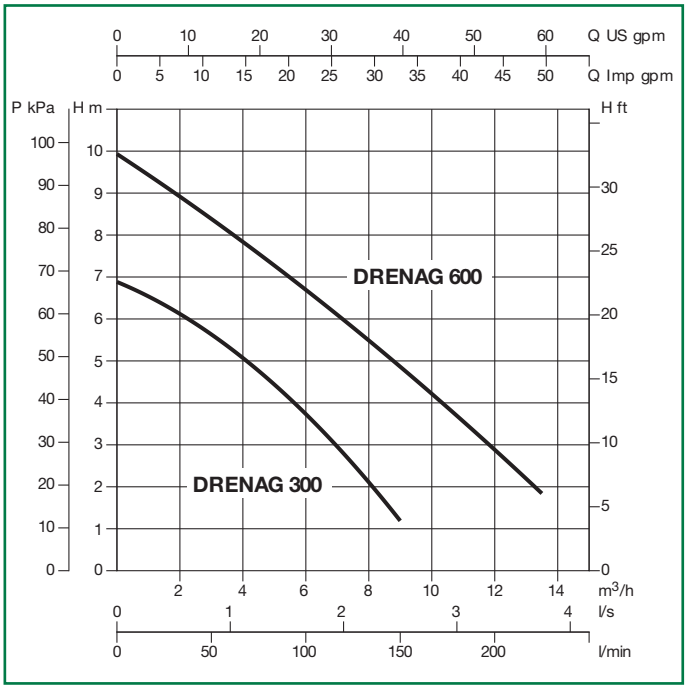
Voltage:	1x230 V~ 50 Hz
Power:	250 W - 450 W
Flow rate Q:	from 0 to 13,2 m³/h
Head H:	up to 10 m
Max liquid temperature:	50°C
Protection level:	IP 68
Insulation class:	F

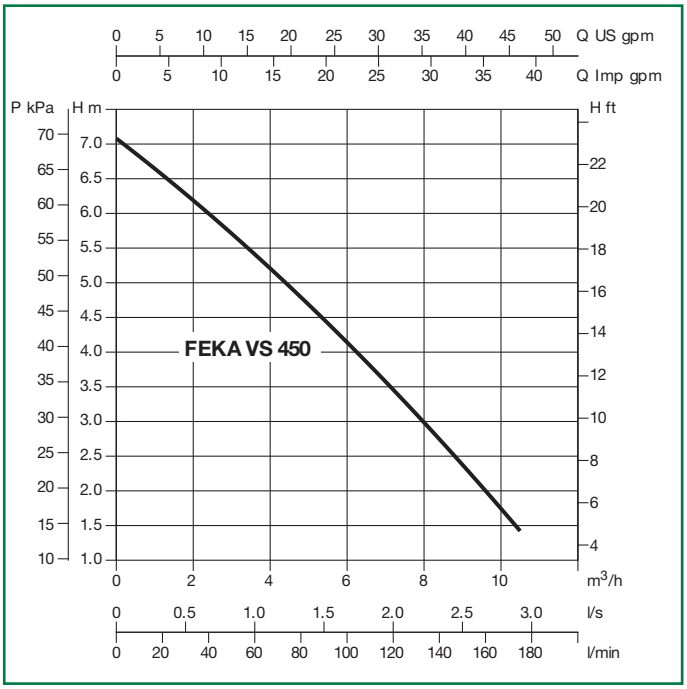
N	Description		Material
1	Pump body		Stainless steel AISI 304
3	Support		Stainless steel AISI 304
4	Impeller		Stainless steel AISI 304
7	Shaft		Stainless steel AISI 416
16	Mechanical seal	pump face	Silicon carbide/allumina
		motor face	With ring
28	O ring		NBR
42	Filter		Stainless steel AISI 304
54	Motor casing		Stainless steel AISI 304
69	Pump liner		Stainless steel AISI 304
77	Protection cover		Noryl



DRENAG 300 MA - 600 MA - FEKA VS 450 MA

ELECTRICAL AND HYDRAULIC DATA

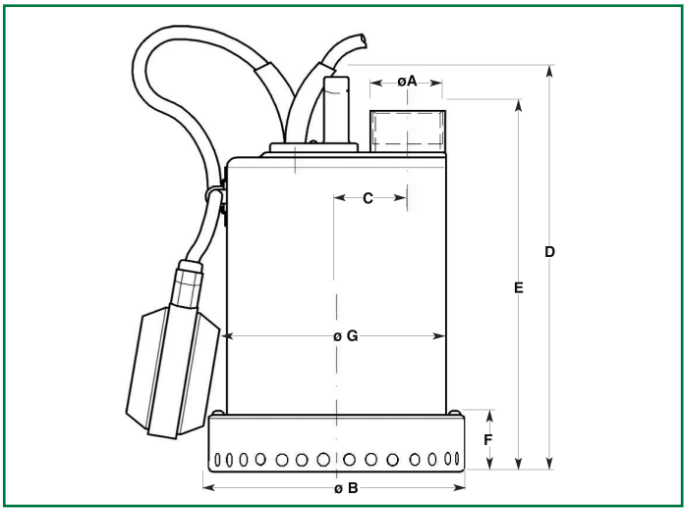




MODEL	ELECTRICAL DATA							HYDRAULIC DATA									
	VOLTAGE 50 Hz	P1 MAX	P2 NOMINAL		In	CAPACITOR		Q m³/h	0	1,5	3	4,5	6	7,5	9	10,5	13,5
		kW	kW	HP	A	µF	Vc	l/min	0	25	50	75	100	125	150	175	225
DRENAG 300 MA	1 x 220-230 V ~	0,5	0,25	0,33	1,8	8	450	H (m)	7	6,3	5,6	4,7	3,7	2,5	1,2		
DRENAG 600 MA	1 x 220-230 V ~	0,7	0,45	0,6	3	10	450		10	9,3	8,4	7,5	6,5	5,5	4,6	3,6	1,8

MODEL	ELECTRICAL DATA							HYDRAULIC DATA								
	VOLTAGE 50 Hz	P1 MAX	P2 NOMINAL		In	CAPACITOR		Q m³/h	0	1,5	3	4,5	6	7,5	9	10,5
		kW	kW	HP	A	µF	Vc	l/min	0	25	50	75	100	125	150	175
FEKA VS 450 MA	1 x 220-230 V ~	0,7	0,45	0,6	2,8	10	450	H (m)	7	6,5	5,8	5	4,2	3,3	2,4	1,5

WEIGHT AND DIMENSIONS



MODEL	Ø A	B	C	D	E	F	G	PACKING DIMENSIONS L	M	N	WEIGHT Kg
DRENAG 300 MA	1 1/4"	154	43	234	213,5	35	132	220	190	280	5,5
DRENAG 600 MA	1 1/4"	154	43	234	213,5	35	132	220	190	280	6,2
FEKA VS 450 MA	1 1/4"	154	43	264	243,5	65	132	220	190	280	6,5

JET - JETINOX - EURO - EUROINOX

SELF-PRIMING CENTRIFUGAL PUMPS - FITTED

CE

SINGLE-PHASE VERSION
Self-priming pump equipped with gauge, pressure switch, power supply cable with plug and three-way brass fitting for connecting to a tank.

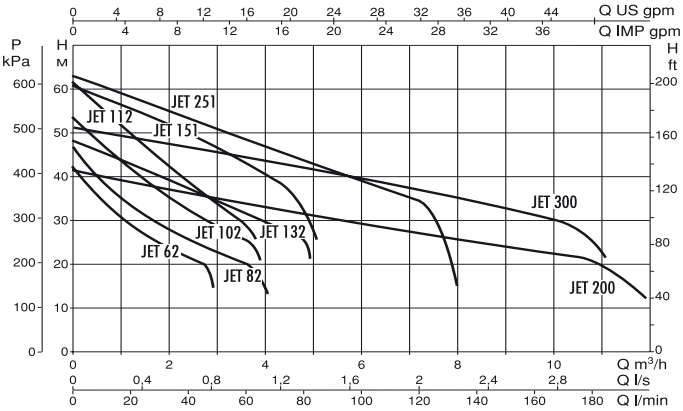
THREE-PHASE VERSION
Self-priming electropump equipped with gauge, pressure switch, overload cutout and three-way brass fitting for connecting to a tank

HYDRAULIC DATA

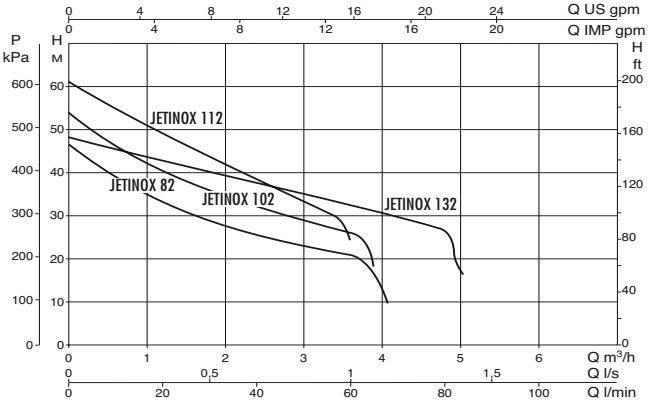
MODEL	VOLTAGE 50 Hz	MOTOR		
		HP	kW	A
JET 62 M-P	1x220-240 V ~	0,6	0,44	3,12
JET 82 M-P	1x220-240 V ~	0,8	0,6	3,8
JET 102 M-P	1x220-240 V ~	1	0,75	5,1
JET 112 M-P	1x220-240 V ~	1,36	1	6,2
JET 132 M-P	1x220-240 V ~	1,36	1	6,6
JET 200 M-P	1x220-240 V ~	2	1,5	9
JET 200 T-P	3x400 V~	2	1,5	3,9
JET 300 M-P	1x220-240 V ~	3	2,2	12
JET 300 T-P	3x400 V~	3	2,2	8,5-4,9
JET 151 M-P	1x220-240 V ~	1,5	1,1	7,2
JET 151 T-P	3x400 V~	1,5	1,1	5,2-3
JET 251 M-P	1x220-240 V ~	2,5	1,85	10
JET 251 T-P	3x400 V~	2,5	1,85	6,9-4
JETINOX 82 M-P	1x220-240 V ~	0,8	0,6	3,8
JETINOX 102 M-P	1x220-240 V ~	1	0,75	5,1
JETINOX 112 M-P	1 x 220-240 V~	1,36	1	6,2
JETINOX 132 M-P	1 x 220-240 V~	1,36	1	6,6
EURO 30/50 M-P*	1 x 220-240 V~	0,75	0,55	3,9
EURO 40/50 M-P*	1 x 220-240 V~	1,1	0,8	5,3
EURO 30/80 M-P*	1 x 220-240 V~	1	0,75	5,3
EURO 40/80 M-P*	1 x 220-240 V~	1,36	1	6,3
EUROINOX 30/30 M-P	1 x 220-240 V~	0,6	0,45	3,2
EUROINOX 40/30 M-P	1 x 220-240 V~	0,75	0,55	3,9
EUROINOX 30/50 M-P	1 x 220-240 V~	0,75	0,55	3,9
EUROINOX 40/50 M-P	1 x 220-240 V~	1,1	0,8	5,3
EUROINOX 50/50 M-P	1 x 220-240 V~	1,36	1	6,3
EUROINOX 25/80 M-P	1 x 220-240 V~	0,75	0,55	3,9
EUROINOX 30/80 M-P	1 x 220-240 V~	1	0,75	5,3
EUROINOX 40/80 M-P	1 x 220-240 V~	1,36	1	6,3

* Not self-priming

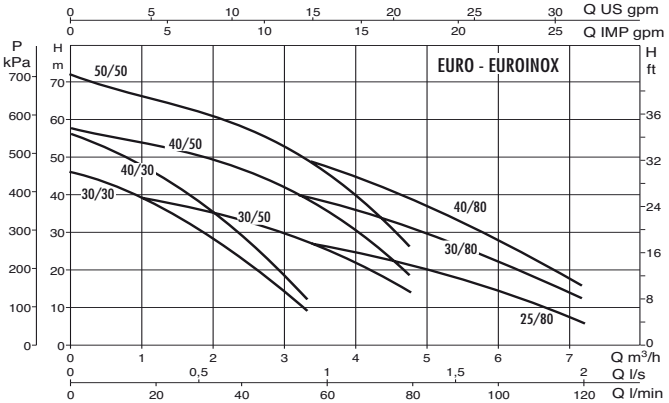
JET



JETINOX



EURO - EUROINOX



DAB PUMPS reserve the right to make modifications without prior notice

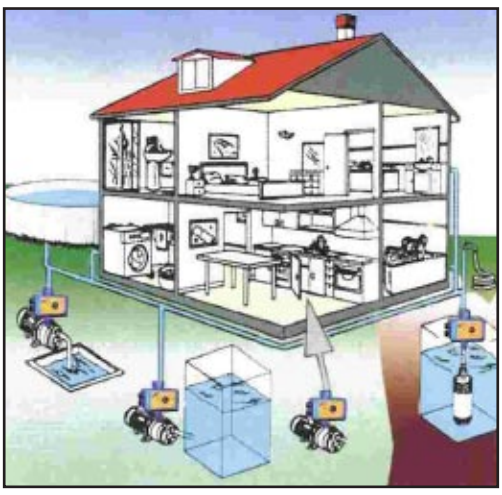
DAB
PUMP PERFORMANCE

SMART PRESS WG

1,5 & 3 HP versions

- ✓ ***PRICE COMPETITIVE***
- ✓ ***ADJUSTABLE CUT-IN PRESSURE***
- ✓ ***RESISTANCE TO HIGH PRESSURES***
- ✓ ***GREAT WATER DELIVERY***
- ✓ ***AUTOMATIC RE-START***

NEW



DAB
PUMP PERFORMANCE

SMART PRESS WG

DESCRIPTION
AUTOMATIC REGULATOR FOR PUMPS

Smart Press is an automatic electronic device,designed to regulate pump operation, without using autoclave tanks.
Smart Press performs the following operations:

1) Controls pump operation, automatically and without interruption, with constant pressure and delivery during supply from one or more distribution points. The pump starts when the pressure of the system is less than the fixed pressure (std 1.5 bar). Il stops when Smart Press no longer detects an appreciable outlet flow (see point 2).
2) Keeps the pump operating for a brief period (approximately 5 seconds) after supply has stopped at the tap closing.
3) If there is no water at the suction point, it blocks the pump, without using level probes or float switches. Or it releases automatically when a pressure above the one required to start the motor-driven pump is injected in the delivery line.

   In case of block due to lack of water, this system effects some tries of automatic random, as equal as pressing the pushbutton of manual reset, every 30 Min.

4) It is supplied with a flow sensor, manufactured with a geometry which reduces the loading losses even with very high flows.
5) Lights indicate the various operation phases:

   green LED on: present power supply
   yellow LED on: pump working
   red LED on: blocked due to lack of water at supply point

OPERATING CONDITIONS

Maximum working pressure	15 BAR	For 1,5 HP model Max. current strength	In 10 A cosφ 0,7
Standard starting calibration	1,5 BAR	For 3,0 HP model Max. current strength	In 20 A cosφ 0 0,7
Maximum liquid temperature	45° C	Protection degree	
Power supply	230 V ~ 50 Hz		

EUROSWIM: THE WINNING FEATURES

MOTOR OUTPUT RANGE FROM 0.5 HP TO 3 HP

Wide coverage of all requirements on the domestic and residential market.

LARGE SIZE PREFILTER

Limits the risk of clogging, facilitates cleaning and reduces the frequency of maintenance.

ULTRA SILENT MOTOR WITH TOP PERFORMANCE RATING

The low sound emissions (64-67dBA) and high operating efficiency conceal the fact that there is a filtration pump at all, reducing energy consumption and respecting the environment.

RELIABLE AND READY TO USE

Thanks to the 2” threaded suction and discharge ports reinforced with metal rings.

EUROSWIM

CE

APPLICATIONS

Self-priming centrifugal **high performance** electric pumps with incorporated high capacity pre-filter. **Completely watertight motor**. Extremely **silent** and **highly reliable**, developed for the circulation and filtration of water in domestic and residential swimming pools. Suitable also for special applications requiring handling of aggressive liquids, such as in fish farming, agriculture and industry.

PUMP CONSTRUCTION CHARACTERISTICS

Pump body and pre-filter ring nut in technopolymer reinforced with glass fibre. Pre-filter cover in transparent anti-oxidising polycarbonate to guarantee constant visibility over time. Filter in nylon. Impeller in technopolymer reinforced with glass fibre, developed to guarantee total coverage and separation of motor shaft from the pumped liquid. Diffuser in reinforced technopolymer. Mechanical seal in carbon /alumina / NBR / AISI 316. Pump body O-ring in NBR, screws and reinforcement ring nuts in AISI 316 stainless steel. Butterfly filling and drain caps do not require special tools for removal or refitting.

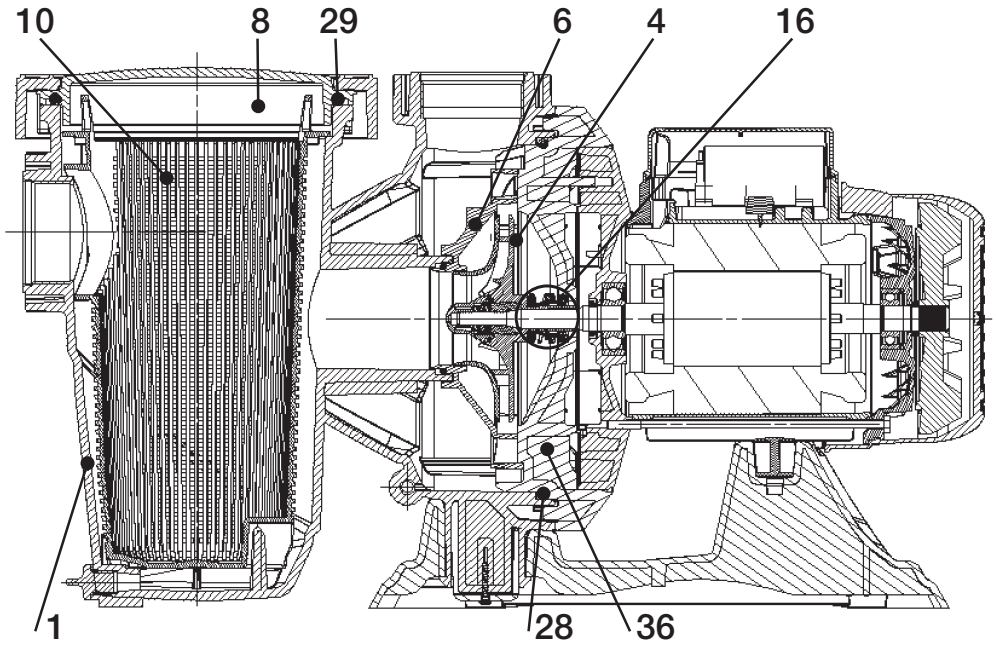
MOTOR CONSTRUCTION CHARACTERISTICS

Continuous duty asynchronous motor (S1) 2-pole with wide range of outputs from 0.5 HP to 3 HP both single and three phase (see technical specifications). Motor housing in die cast aluminium with cataphoresis paint treatment to prevent oxidation also in aggressive environments. Support base supplied as standard with rubber feet to dampen vibrations. Single phase version with built-in thermal and current overload protection and a capacitor permanently on (PSC), assembled inside the terminal board box on all versions.

Protection rating of motor and terminal board box. IP55
Insulation class: F
Ball bearings: water-proof – watertight, resistant to water and humidity.
Motor built to EN 60335-2-41 standards.
Standard voltage: Single phase 220-240V 50Hz
Three phase 230/400V 50Hz

TECHNICAL DATA

Operating range:	up to 42 to m^3/h with head up to 22 m.
Characteristics of pumped liquid:	clean water or water slightly contaminated with suspended solid bodies, long fibres; particularly aggressive water with high percentages of chlorine/bromine and PHMB (Polyhexamethylene Biguanide) or water treated with chlorine electrolysis process.
PH range:	6.5 – 8.4
Liquid temperature range:	**up to 60°C**
Maximum ambient temperature:	**50°C**
Maximum working pressure:	2.5 bar
Nominal operating pressure:	0.8 – 1.2 Bar (ideal 1 Bar)
Installation:	fixed or portable in horizontal position
Special versions on request:	high frequencies and/or voltages
Unions on request:	kit 2"/50 - 63 (two unions + O-ring - see "Accessories")
Reference standard:	IEC - 60364



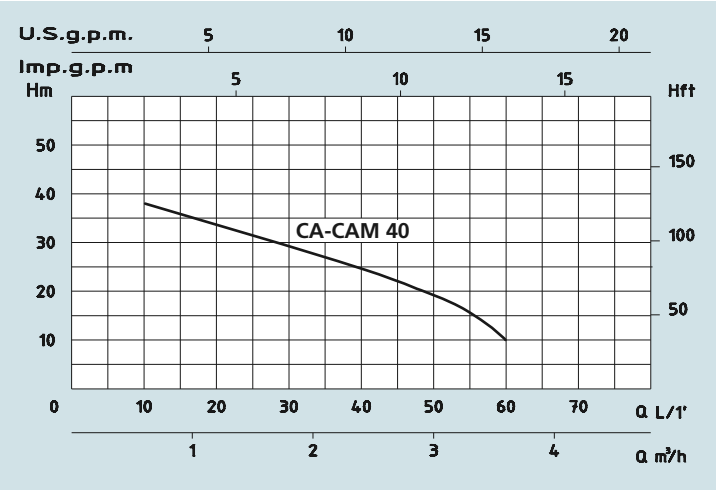
N.	PARTS (*)	MATERIALS
1	PUMP BODY	REINFORCED TECHNOPOLYMER
4	IMPELLER	REINFORCED TECHNOPOLYMER
6	DIFFUSER	REINFORCED TECHNOPOLYMER
8	FILTER COVER	POLYCARBONATE
10	FILTER	TECHNOPOLYMER
16	MECHANICAL SEAL	CARBON/ALUMINA/NBR/AISI316
28	O-RING	NBR
29	O-RING	NBR
39	SEAL DISC	REINFORCED AND STABILISED TECHNOPOLYMER

APPLICAZIONI

Elettropompe autoadescanti Jet garantiscono un'ottima resa idraulica e una notevole capacità di pressione.
Possono aspirare fino a 8 mt. di profondità e sono in grado di funzionare perfettamente anche in presenza di acque miscelate a gas.
Adatte per il sollevamento e la distribuzione negli impianti domestici a mezzo di piccoli e medi serbatoi (autoclavi).

APPLICATION

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



LIMITI D'IMPIEGO

- Pressione max. d'esercizio 6 bar
- Temperatura liquido fino a 35° C
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 8 mt.
- Servizio continuo

OPERATING CONDITIONS

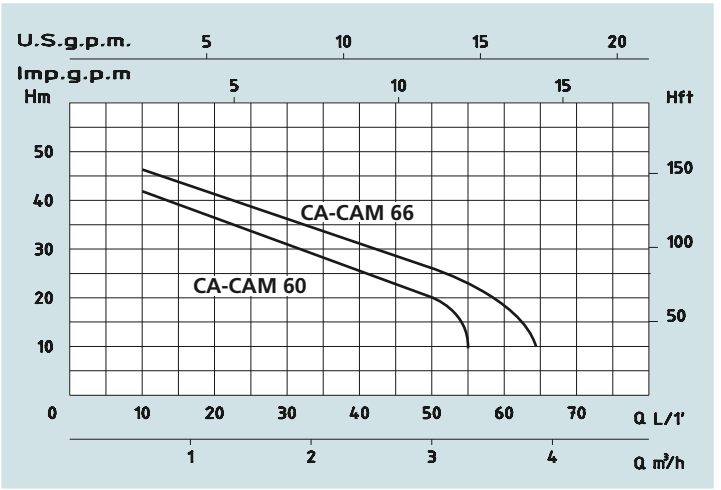
- *Max. working pressure 6 bar*
- *Liquid temperature up to 35°C*
- *Ambient temperature up to 40°C*
- *Total suction lift upt o 8 mt.*
- *Continuous duty*

MOTORE

- Motore elettrico ad induzione a 2 poli (n = 2850 min^{-1})
- Isolamento Classe F
- Protezione IP 44

MOTOR

- *Two-Pole induction motor (n = 2850 min^{-1})*
- *Insulation Class F*
- *Protection IP 44*



MATERIALI

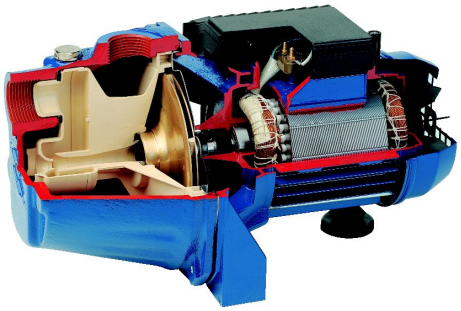
- Corpo pompa	Ghisa
- Supporto motore	Alluminio
- Girante	Noryl
- Diffusore	Noryl
- Flangia portatenuta	Acciaio Inox
- Albero motore	Acciaio Inox
- Tenute meccaniche	Ceramica/Carbone

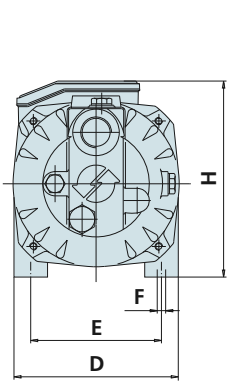
MATERIALS

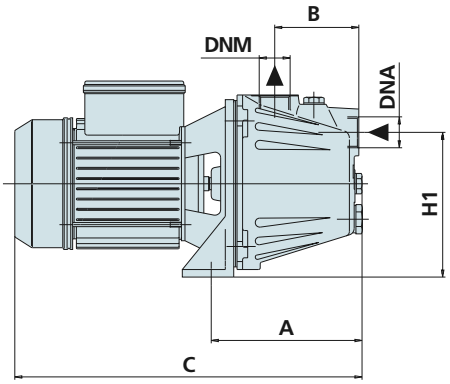
- *Pump body*	*Cast Iron*
- *Motor Support*	*Aluminium*
- *Impeller*	*Noryl*
- *Diffuser*	*Noryl*
- *Pump flange*	*Stainless Steel*
- *Shaft with rotor*	*Stainless Steel*
- *Mechanical seal*	*Carbon/Ceramic*

DATI TECNICI - *TECHNICAL DATA*

TIPO - *TYPE*		POTENZA NOMINALE *NOMINAL POWER* P2		POTENZA ASSORBITA *INPUT POWER* P1	AMPERE		Q = PORTATA - *CAPACITY*										
Monofase *Single-phase*	Trifase *Three-phase*				Monofase *Single-phase*	Trifase *Three-phase*	m^3/h	0,6	0,9	1,2	1,5	1,8	2,1	2,4	2,7	3	3,6
							lt/1	10	15	20	25	30	35	40	45	50	60
		HP	kW	kW			Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.*										
230V-50Hz	230/400V-50Hz				1 x 230V	3 x 400V											
CAM 40	CA 40	0,8	0,6	0,8	3,8	1,9	H (m)	38	36	34	32	29	27	25	22	19	
CAM 60	CA 60	0,8	0,6	0,8	3,8	1,9		42	38	36	33	30	27	26	23	20	
CAM 66	CA 66	1	0,7	1	4,9	2,3		46	43	40	37	35	33	30	29	26	







DIMENSIONI E PESI - *DIMENSIONS AND WEIGHTS*

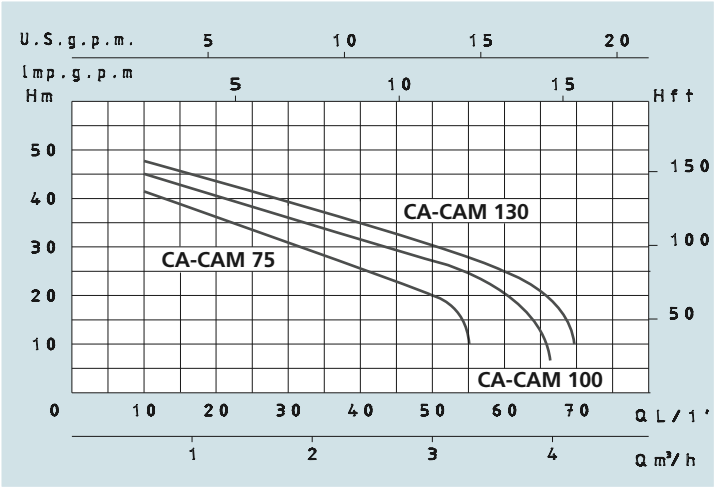
TIPO - *TYPE*		DIMENSIONI mm - *DIMENSIONS mm*										DIMENSIONI *DIMENSIONS* mm			Peso *Weight*
Monofase *Single-phase*	Trifase *Three-phase*	A	B	C	D	E	F	H	H1	DNA	DNM	P	L	H	Kg
CAM 40	CA 40	150	77	328	162	126	9	193	123	1	1	180	350	200	9
CAM 60	CA 60	162	90	352	176	140	9	210	150	1	1	190	390	230	10,5
CAM 66	CA 66	162	90	373	176	140	9	210	150	1	1	190	390	230	12,5

APPLICAZIONI

Elettropompe autoadescanti Jet garantiscono un'ottima resa idraulica e una notevole capacità di pressione. Possono aspirare fino a 8 mt. di profondità e sono in grado di funzionare perfettamente anche in presenza di acque miscelate a gas. Adatte per il sollevamento e la distribuzione negli impianti domestici a mezzo di piccoli e medi serbatoi (autoclavi).

APPLICATION

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



LIMITI D'IMPIEGO

- Pressione max. d'esercizio 8 bar
- Temperatura liquido fino a 35° C
- Temperatura ambiente fino a 40° C
- Altezza d'aspirazione manometrica fino a 8 mt.
- Servizio continuo

OPERATING CONDITIONS

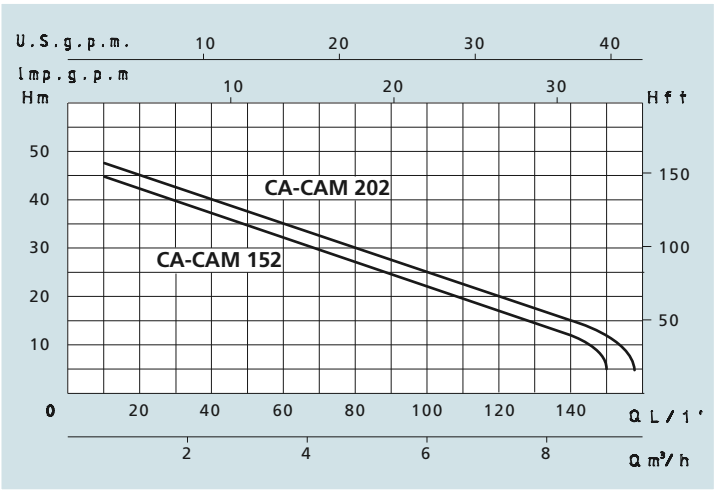
- *Max. working pressure 8 bar*
- *Liquid temperature up to 35°C*
- *Ambient temperature up to 40°C*
- *Total suction lift up to 8 mt.*
- *Continuous duty*

MOTORE

- Motore elettrico ad induzione a 2 poli (n = 2850 min^{-1})
- Isolamento Classe F
- Protezione IP 44

MOTOR

- *Two-Pole induction motor (n = 2850 min^{-1})*
- *Insulation Class F*
- *Protection IP 44*



MATERIALI

- Corpo pompa	Ghisa
- Supporto motore	Alluminio
- Supporto motore (CA-CAM 152-202)	Ghisa
- Girante	Noryl
- Girante (CA-CAM 152-202)	Ottone
- Diffusore	Noryl
- Flangia portatenuta	Acciaio Inox
- Albero motore	Acciaio Inox
- Tenute meccaniche	Ceramica/Carbone

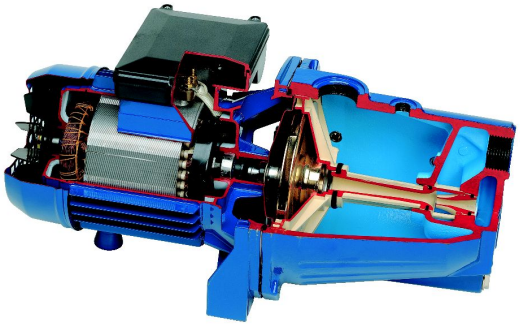
MATERIALS

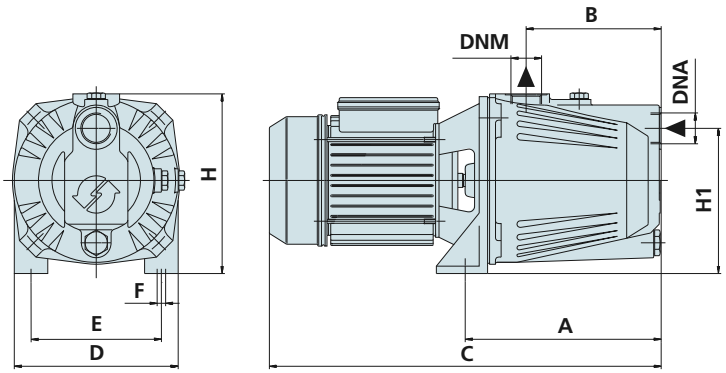
- *Pump body*	*Cast Iron*
- *Motor Support*	*Aluminium*
- *Motor Support (CA-CAM 152-202)*	*Cast Iron*
- *Impeller*	*Noryl*
- *Impeller (CA-CAM 152-202)*	*Brass*
- *Diffuser*	*Noryl*
- *Pump flange*	*Stainless Steel*
- *Shaft with rotor*	*Stainless Steel*
- *Mechanical seal*	*Carbon/Ceramic*

DATI TECNICI - *TECHNICAL DATA*

TIPO - *TYPE*		POTENZA NOMINALE *NOMINAL POWER* P2		POTENZA ASSORBITA *INPUT POWER* P1	AMPERE		Q = PORTATA - *CAPACITY*										
Monofase *Single-phase*	Trifase *Three-phase*				Monofase *Single-phase*	Trifase *Three-phase*	m^3/h	0,6	0,9	1,2	1,5	1,8	2,1	2,4	2,7	3	3,6
							lt/1	10	15	20	25	30	35	40	45	50	60
230V-50Hz	230/400V-50Hz	HP	kW	kW	1 x 230V	3 x 400V	Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.*										
CAM 75	CA 75	0,8	0,6	0,8	3,8	1,9	H (m)	42	38	35	32	28	25	24	22	20	
CAM 100	CA 100	1	0,75	1,1	5	2,5		45	43	40	38	35	33	30	29	26	22
CAM 130	CA 130	1,3	1	1,3	5,8	2,8		47	44	42	40	38	36	34	32	28	25

TIPO - *TYPE*		POTENZA NOMINALE *NOMINAL POWER* P2		POTENZA ASSORBITA *INPUT POWER* P1	AMPERE		Q = PORTATA - *CAPACITY*										
Monofase *Single-phase*	Trifase *Three-phase*				Monofase *Single-phase*	Trifase *Three-phase*	m^3/h	0,6	1,2	1,8	2,7	3,6	4,8	5,4	6	7,5	9
							lt/1	10	20	30	45	60	80	90	100	125	150
230V-50Hz	230/400V-50Hz	HP	kW	kW	1 x 230V	3 x 400V	Prevalenza manometrica totale in m.C.A. - *Total head in meters w.c.*										
CAM 152	CA 152	1,5	1,1	1,5	7	3	H (m)	45	42	40	36	33	27	25	22	16	10
CAM 202	CA 202	2	1,5	2	9,3	4,2		47	45	43	39	35	30	27	25	18	13





DIMENSIONI E PESI - *DIMENSIONS AND WEIGHTS*

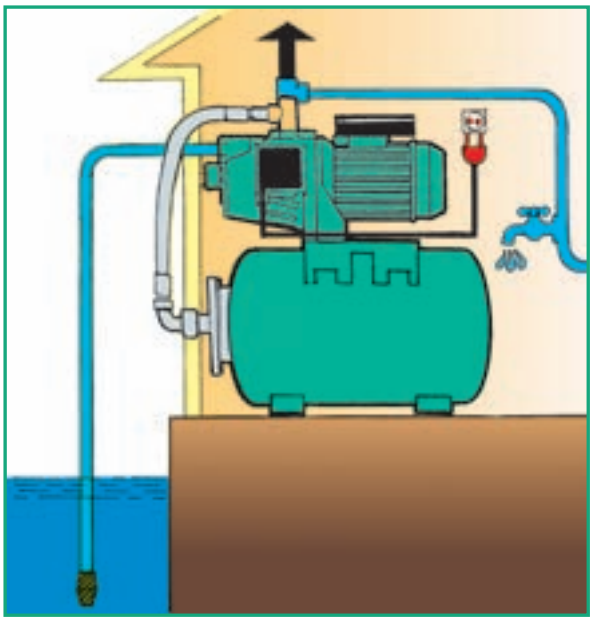
TIPO - *TYPE*		DIMENSIONI mm - *DIMENSIONS mm*										DIMENSIONI *DIMENSIONS* mm			Peso *Weight*
Monofase *Single-phase*	Trifase *Three-phase*	A	B	C	D	E	F	H	H1	DNA	DNM	P	L	H	Kg
CAM 75	CA 75	211	145	405	176	140	9	194	156	1	1	200	450	210	12,5
CAM 100	CA 100	211	145	421	176	140	9	194	156	1	1	200	450	210	15
CAM 130	CA 130	211	145	421	176	140	9	194	156	1	1	200	450	210	15,5
CAM 152	CA 152	282	171	570	236	198	12	274	198	1 ½	1 ¼	255	590	280	38
CAM 202	CA 202	282	171	570	236	198	12	274	198	1 ½	1 ¼	255	590	280	40

EASYCAM

AUTOMATIC WORKING PRESSURE SYSTEM

APPLICATION

Automatic high pressure groups coupled with selfpriming jet pumps.
They are very silent and reliable and particularly suitable to increase pressure from a water system, to supply water from wells and in domestic high pressure groups.



EASYCAM 40/22-C

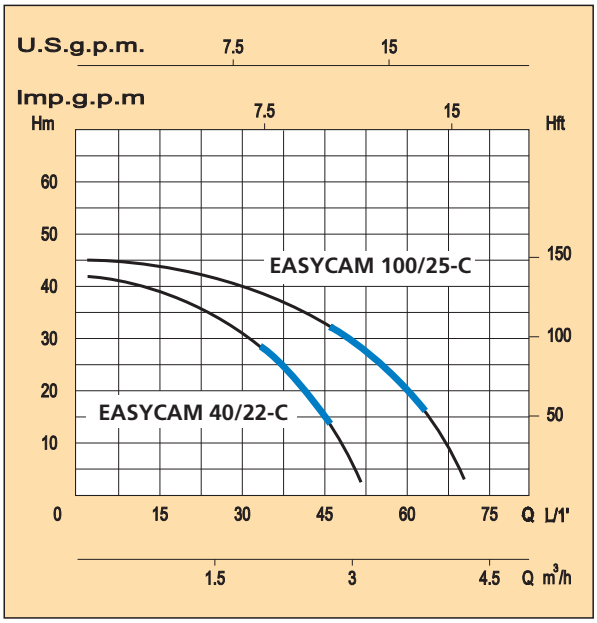
800 watt

Q max.	50 l/min. 3000 l/h
H max.	42 m 4,2 bar

EASYCAM 100/25-C

1100 watt

Q max.	70 l/min. 4200 l/h
H max.	45 m 4,5 bar



DATI TECNICI - *TECHNICAL DATA*

Type	nominal power Watt	Ampere A	voltage	capacity l/min	total heat m	total suction m	DNA-DNM	QTY 20'C TN	QTY 40'C TN	weight kg
EASYCAM 40/22-C	800	3,2	V 230~50 Hz	50	42	8	1" x 1"	330	790	16,3
EASYCAM 100/25-C	1100	5	V 230~50 Hz	70	45	8	1" x 1"	320	770	23,1

SUBMERSIBLE PUMPS FOR CLEAR WATER

APPLICATION

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

SPD 350 N

350 watt

Q max. 110 l/min. 6600 l/h

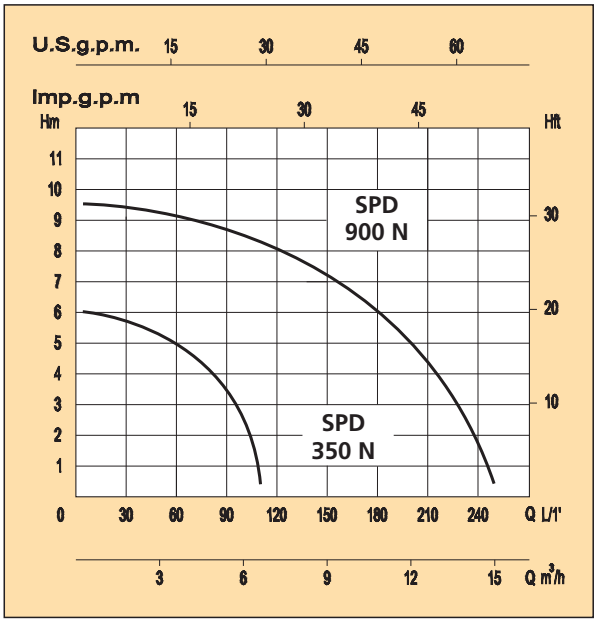
H max. 6 m 0,6 bar

SPD 900 N

900 watt

Q max. 250 l/min. 15000 l/h

H max. 9,5 m 0,95 bar



DATI TECNICI - *TECHNICAL DATA*

Type	nominal power Watt	Ampere A	voltage	capacity l/min	total heat m	total suction m	DNM	QTY 20'C TN	QTY 40'C TN	weight kg
SPD 350 N	350	1,3	V 230~50 Hz	110	6	5	1"1/2	1900	3900	6,3
SPD 900 N	900	2,8	V 230~50 Hz	250	9,5	5	1"1/2	1720	3540	6,5

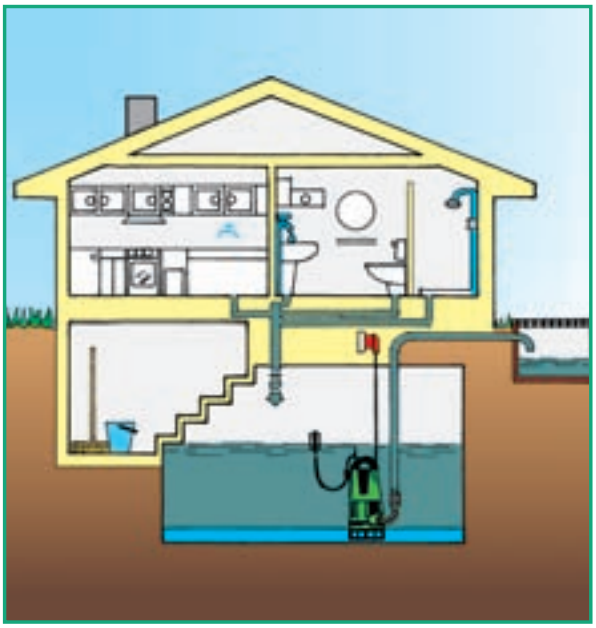
SPV

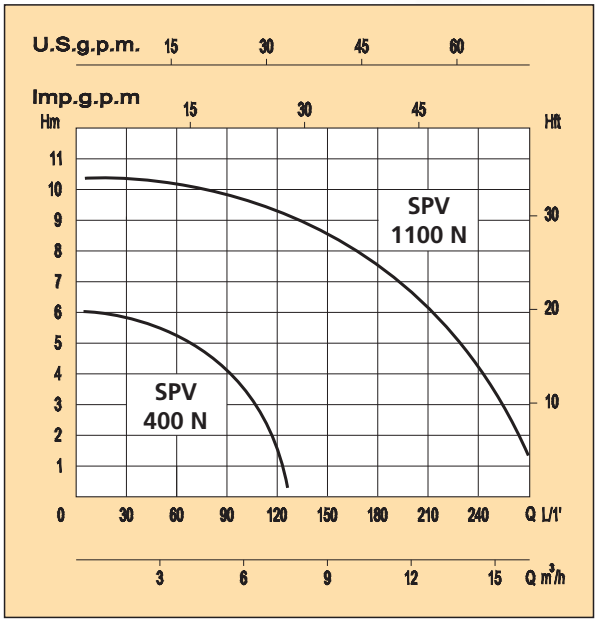
marina international

SUBMERSIBLE PUMPS FOR DIRTY WATER

APPLICATION

Submersible water pumps with back impeller suitable to lift waste liquid even with suspended solids. Able to drain infiltrating water, cesspools or reservoirs, decating water and clean, dirty or muddy swimming pools.





SPV 400 N

400 watt

Q max. 125 l/min. 7500 l/h

H max. 6 m 0,6 bar

SPV 1100 N

1100 watt

Q max. 285 l/min. 17100 l/h

H max. 10,5 m 1,05 bar

DATI TECNICI - *TECHNICAL DATA*

Type	nominal power Watt	Ampere A	voltage	capacity l/min	total heat m	total suction m	DNM	QTY 20'C TN	QTY 40'C TN	weight kg
SPV 400 N	400	1,6	V 230~50 Hz	125	6	5	1"1/2	1680	3440	6,4
SPV 1100 N	1100	3,8	V 230~50 Hz	285	10,5	5	1"1/2	1600	3280	6,6

C2 Lite CAD™ SERIES

FEATURES

- Patented CAD-2 diaphragm technology
- Unique 3 piece construction
- Reinforced Plastic Connection
- Durable continuous strand fiberglass sealed with epoxy resin
- NSF Standard 61, CE/PED, WRAS, ACS, ISO:9001 , Evrazes approved
- Rugged copolymer polypropylene base
- Quality brass air stem with o-ring seal
- No sweat design
- Comprehensive testing
- No maintenance

If you are looking for the proven performance of a GWS steel tank in a lightweight composite design, C2-Lite CAD™ series is the answer. Efficient and cost effective, C2-Lite CAD™ tanks are designed with the patented controlled action diaphragm design of GWS Challenger™ tanks. Unlike other composite tanks that hide tired old bag technology in a plastic shell, the patented CAD-2 diaphragm design is stronger and will not crease and wear out. It features a chlorine resistant 100% butyl diaphragm with a precision molded copolymer polypropylene liner for superior air and water separation. This patented design allows each size tank to have a properly sized water chamber matched to the drawdown performance of that tank. C2-Lite CAD™ tanks are easy to install, weather resistant and engineered to withstand even extreme environmental conditions. When it comes to performance and durability, the GWS C2-Lite CAD™ design cannot be beat.

C2-Lite CAD™ tanks are quality tested at several stages on the production line to insure the structural integrity of every tank. C2-Lite CAD™ tanks represent the best value for the investment and are the best quality composite vessels available today.

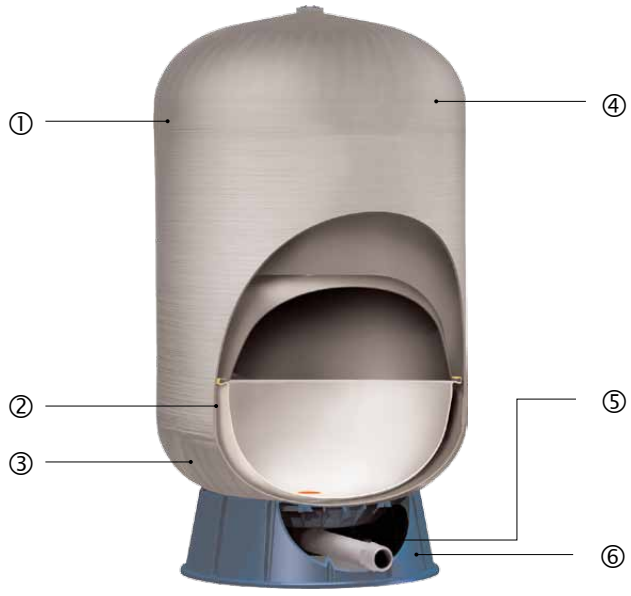
SPECIFICATIONS

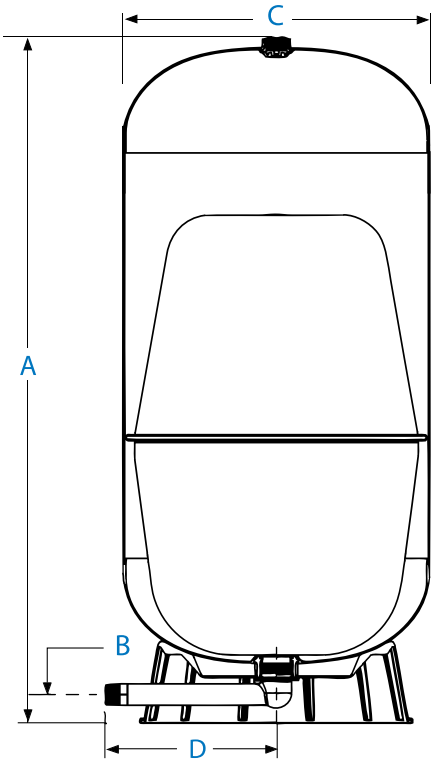
C2-Lite CAD™ Series Models

BSP		NPT		Nominal Volume		Shipping (box) Volume		Shipping (box) Weight		Dimensions							
										A		B		C		D	
Old Part Number	New Part Number	Old Part Number	New Part Number	liter	gal	m^3	ft^3	kg	lbs	cm	inches	cm	inches	cm	inches	cm	inches
C2B-60	C2B-60LV	C2N15	C2N-15GV	60	15	0.13	4.44	8.60	19.0	64.90	25.60	4.50	1.80	41.80	16.60	23.88	9.40
C2B-80	C2B-80LV	C2N20	C2N-20GV	80	20	0.16	5.79	10.90	24.0	85.20	34.06	4.50	1.80	41.80	16.60	23.88	9.40
C2B-100	C2B-100LV	C2N25	C2N-25GV	100	25	0.19	6.66	12.70	28.0	96.70	38.60	4.50	1.80	41.80	16.60	23.88	9.40
C2B-130	C2B-130LV	C2N35	C2N-35GV	130	35	0.23	8.26	15.20	33.5	122.70	48.88	4.50	1.80	41.80	16.60	23.88	9.40
C2B-200	C2B-200LV	C2N50	C2N-50GV	200	50	0.35	12.24	20.20	44.5	109.80	43.30	5.70	2.30	54.20	21.50	30.23	11.90
C2B-250	C2B-250LV	C2N65	C2N-65GV	250	65	0.41	14.50	24.97	55.0	130.30	51.30	5.70	2.30	54.20	21.50	30.23	11.90
C2B-300	C2B-300LV	C2N80	C2N-80GV	300	80	0.52	18.23	28.15	62.0	164.40	64.70	5.70	2.30	54.20	21.50	30.23	11.90
C2B-350	C2B-350LV	C2N90	C2N-90GV	350	90	0.59	20.66	33.14	73.0	144.80	57.00	5.70	2.30	61.40	24.30	34.04	13.40
C2B-450	C2B-450LV	C2N120	C2N-120GV	450	120	0.74	26.06	36.32	80.0	183.10	72.10	5.70	2.30	61.40	24.30	34.04	13.40

* Minor dimensional variation may occur

Max. Working Pressure 8.6 bar / 125 psi
Max. Working Temperature 49°C / 120°F
Connection C2B-60LV - C2B-130LV 1" BSP
C2B-200LV-C2B-450LV 1 1/4" BSP
C2N-15GV - C2N-35GV 1" NPT C2N-50GV - C2N-120GV 1 1/4" NPT
Please refer to tank packaging for correct factory set pre-charge information.





① Precision injection molded domes
② High-tech spin welding process
③ Patented CAD-2 controlled action diaphragm design
④ Durable continuous strand fiberglass sealed with epoxy resin
⑤ Reinforced Plastic Connection
⑥ Rugged base

ISO:9001 CE ACS Approved WRAS APPROVED PRODUCT NSF Certified to ANSI/NSF 61 ЕвроАзЭС

Linea Sollevamento Acqua [LS] Water Booster System Line

Vasi idrici / Autoclavi – *Pressure Tanks*

IDROVAREM CE

-10 +99 °C



Codice *Item*	Capacità (l) *Capacity (lts.)*	Pressione max. *Max pressure* (bar)	Raccordo *Connector*	Dimensioni *Dimensions* D	Dimensioni *Dimensions* H	Imballo *Packaging* (volume m³)	Quantità per paletta *Quantity in std pallet*
VERTICALI – *VERTICAL*				**D**	**H**		
S1 019 3D1	**19**	8	1“	270	418	0,031	63
E1 024 3D1	**24**	8	1“	351	347	0,045	54
ORIZZONTALI – *HORIZONTAL*				**H**	**L**		
S1 019 3D1 BP	**19**	8	1”	300	418	0,038	63

- Vasi di espansione con membrana intercambiabile per acqua alimentare, sollevamento acqua, elettropompe, per accumulo acqua sanitaria calda e fredda
- Flangia in acciaio al carbonio zincata
- Precarica 2 bar (verticali), 1.5 bar (orizzontali)

- Replaceable EPDM membrane expansion vessels for booster systems, pumps and for potable water storage
- Galvanized carbon steel flange
- Precharge 2 bar (vertical), 1.5 bar (horizontal)

Not CE-marked Pressure Tanks

MAXIVAREM LS non certificati CE – *not CE-marked – only export*

-10 +99 °C

Codice *Item*	Capacità (l) *Capacity (lts.)*	Pressione max. *Max pressure* (bar)	Raccordo *Connector*	Dimensioni *Dimensions* D	Dimensioni *Dimensions* H	Imballo *Packaging* (volume m³)	Quantità per paletta *Quantity in std pallet*
VERTICALI – *VERTICAL*				**D**	**H**		
S3 750 461	**750**	10	1“ ½	780	1961	2,000	1
S3 N10 H61	**1000**	10	2”	930	1913	2,200	1
S3 N15 H61	**1500**	10	2”	1150	2083	2,400	1
S3 N20 H61	**2000**	10	2“	1280	2241	2,500	1

- Autoclavi verticali a membrana intercambiabile per acqua uso alimentare,
- Flangia in acciaio al carbonio verniciata
- Precarica 2 bar

- Replaceable membrane pressure tanks for potable water, vertical shape
- Coated carbon steel flange
- Precharge 2 bar

Vasi idrici / Autoclavi per alta pressione – *High Pressure Tanks*

PLUSVAREM 16 BAR

-10 +99 °C



Codice *Item*	Capacità (l) *Capacity (lts.)*	Pressione max. *Max pressure* (bar)	Raccordo *Connector*	Dimensioni *Dimensions* D	Dimensioni *Dimensions* H	Imballo *Packaging* (volume m³)	Quantità per paletta *Quantity in std pallet*
IN LINEA – *IN LINE*				**D**	**H**		
S5 020 361	**20**	16	1“	250	509	0,038	56
VERTICALI – *VERTICAL*				**H**	**L**		
S5 100 361	**100**	16	1”	453	915	0,200	12
S5 200 461	**200**	16	1” ½	556	1218	0,407	8
S5 300 461	**300**	16	1” ½	626	1373	0,596	6
S5 500 461	**500**	16	1” ½	777	1457	1,300	1
S5 750 461	**750**	16	1” ½	786	1925	2,000	1
S5 N10 H61	**1000**	16	2”	933	1912	2,200	1

- Autoclavi a membrana intercambiabile per acqua potabile per impianti antincendio e impianti di pressurizzazione
- Flangia in acciaio al carbonio zincata

- Replaceable membrane pressure tanks for fire protection systems and water pressurizing systems
- Galvanized carbon steel flange

Dimensioni: D = diametro; H = altezza; L = lunghezza – *Dimensions: D = diameter; H = height; L = length.*

Linea Sollevamento Acqua [LS] Water Booster System Line

Autoclavi certificati CE – *CE-marked Pressure Tanks*

MAXIVAREM LS CE

-10 +99 °C

Codice *Item*	Capacità (l) *Capacity (lts.)*	Pressione max. *Max pressure* (bar)	Raccordo *Connector*	Dimensioni *Dimensions* D	H	Imballo *Packaging* (volume m³)	Quantità per paletta *Quantity in std pallet*
VERTICALI – *VERTICAL*							
S3 050 361	**50**	10	1“	379	759	0,126	15
US 060 361	**60**	10	1“	379	815	0,131	15
US 080 361	**80**	10	1“	450	789	0,170	15
US 100 361	**100**	10	1“	450	910	0,200	12
NEW US 150 461	**150**	10	1” ½	554	1020	0,340	8
US 200 461	**200**	10	1” ½	554	1213	0,407	8
US 300 461	**300**	10	1” ½	624	1373	0,596	6
US 500 461	**500**	10	1” ½	775	1460	1,300	1
US 750 461	**750**	10	1” ½	786	1925	2,000	1
US N10 H61	**1000**	10	2”	933	1912	2,200	1
NEW US N20 H61	**2000**	10	2”	1280	2230	2,500	1
ORIZZONTALI – *HORIZONTAL*				H	L		
S3 041 361	**40**	10	1“	352	590	0,071	36
S3 051 361	**50**	10	1“	412	601	0,104	25
US 061 361	**60**	10	1“	412	649	0,114	25
US 081 361	**80**	10	1“	479	637	0,157	16
US 101 361	**100**	10	1“	484	756	0,183	16
US 201 461	**200**	10	1” ½	606	1018	0,372	6
US 301 461	**300**	10	1” ½	654	1188	0,509	6

- Autoclavi a membrana intercambiabile per acqua uso alimentare
- Flangia in acciaio al carbonio zincata; precarica 2 bar
- **Kit valvola e manometro disponibile su richiesta**

- Replaceable membrane pressure tanks for potable water
- Galvanized carbon steel flange
- Precharge 2 bar

Autoclavi certificati CE flangia in acciaio inox – *CE-marked Pressure Tanks stainless steel flange*

MAXIVAREM LS CE flangia inox – *stainless steel flange*

-10 +99 °C

Codice *Item*	Capacità (l) *Capacity (lts.)*	Pressione max. *Max pressure* (bar)	Raccordo *Connector*	Dimensioni *Dimensions* D	H	Imballo *Packaging* (volume m³)	Quantità per paletta *Quantity in std pallet*
VERTICALI – *VERTICAL*							
S3 050 366	**50**	10	1“	379	759	0,120	15
US 060 366	**60**	10	1“	379	815	0,150	15
US 080 366	**80**	10	1“	450	789	0,170	15
US 100 366	**100**	10	1“	450	910	0,240	12
NEW US 150 466	**150**	10	1” ½	554	1020	0,340	8
US 200 466	**200**	10	1” ½	554	1213	0,407	8
US 300 466	**300**	10	1” ½	624	1373	0,596	6
US 500 466	**500**	10	1” ½	775	1460	1,300	1
US 750 466	**750**	10	1” ½	786	1925	2,000	1
ORIZZONTALI – *HORIZONTAL*				H	L		
S3 041 366	**40**	10	1“	352	590	0,071	36
S3 051 366	**50**	10	1“	412	601	0,104	25
US 061 366	**60**	10	1“	412	649	0,114	25
US 081 366	**80**	10	1“	479	637	0,157	16
US 101 366	**100**	10	1“	484	756	0,183	16
US 201 466	**200**	10	1” ½	606	1018	0,372	6
US 301 466	**300**	10	1” ½	654	1188	0,509	6

- Autoclavi a membrana intercambiabile per acqua uso alimentare
- Flangia in acciaio al carbonio zincata; precarica 2 bar
- **Kit valvola e manometro disponibile su richiesta**

- Replaceable membrane pressure tanks for potable water
- Stainless steel flange
- Precharge 2 bar

Dimensioni: D = diametro; H = altezza; L = lunghezza - *Dimensions: D = diameter; H = height; L = length.*

Valvola di ritegno EUROPA®
EUROPA® check valve

VOCI DI CAPITOLATO - *TECHNICAL FEATURES*

Corpo in ottone.
Piattello in acciaio inox.
Tenuta in NBR.
Molla in acciaio inox.
Temperature minima e massima di esercizio: -20°C, 100°C.
Attacchi filettati ISO228 (equivalente a DIN EN ISO 228 e BS EN ISO 228).

Body in brass.
Plate in stainless steel.
Seal in NBR.
Spring in stainless steel.
Minimum and maximum working temperatures: -20°C, 100°C.
Threads: ISO228 (equivalent to DIN EN ISO 228 and BE EN ISO 228).

MISURA/SIZE	3/8" (DN 10)	1/2" (DN 15)	3/4" (DN 20)	1" (DN 25)	1"1/4 (DN 32)	1"1/2 (DN 40)	2" (DN 50)	2"1/2 (DN 65)	3" (DN 80)	4" (DN 100)
PRESSIONE/PRESSURE	25bar/362.5psi	25bar/362.5psi	25bar/362.5psi	25bar/362.5psi	18bar/261psi	18bar/261psi	18bar/261psi	12bar/174psi	12bar/174psi	12bar/174psi
CODICE/CODE	1000038	1000012	1000034	1000100	1000114	1000112	1000200	1000212	1000300	1000400
IMBALLO/PACKING	10/170	10/170	8/120	6/78	4/48	4/36	2/24	1/12	1/8	1/5

Valvola di fondo EUROPA®
EUROPA® foot valve

VOCI DI CAPITOLATO - *TECHNICAL FEATURES*

Corpo in ottone.
Piattello in acciaio inox.
Tenuta in NBR.
Molla in acciaio inox.
Filtro in nylon e acciaio inox.
Grado di filtrazione: da 3/8" a 2": 1200 µm; da 2"1/2 a 4": 2000 µm.
Temperature minima e massima di esercizio: -20°C, 100°C.
Attacchi filettati ISO228 (equivalente a DIN EN ISO 228 e BS EN ISO 228).

Body in brass.
Plate in stainless steel.
Seal in NBR.
Spring in stainless steel.
Strainer in nylon and stainless steel.
Filtration degree: 3/8" trhough 2": 1200 µm; 2"1/2 through 4": 2000 µm.
Minimum and maximum working temperatures: -20°C, 100°C.
Threads: ISO228 (equivalent to DIN EN ISO 228 and BE EN ISO 228).

MISURA/SIZE	3/8" (DN 10)	1/2" (DN 15)	3/4" (DN 20)	1" (DN 25)	1"1/4 (DN 32)	1"1/2 (DN 40)	2" (DN 50)	2"1/2 (DN 65)	3" (DN 80)	4" (DN 100)
PRESSIONE/PRESSURE	25bar/362.5psi	25bar/362.5psi	25bar/362.5psi	25bar/362.5psi	18bar/261psi	18bar/261psi	18bar/261psi	12bar/174psi	12bar/174psi	12bar/174psi
CODICE/CODE	1050038	1050012	1050034	1050100	1050114	1050112	1050200	1050212	1050300	1050400
IMBALLO/PACKING	8/160	8/160	6/114	4/76	4/48	2/36	2/20	1/9	1/6	1/5

Flessibile in treccia acciaio inox AISI 304 per monocomando Ø10mm, M10x1 gambo 7
Flexible, inox AISI304 steel, for single-lever mixer Ø 10mm, M10x1 shank 7

F/cm	25	30	35	45	60	90	120	150
02 (3/8)	160 02 25	160 02 30	160 02 35	160 02 45	160 02 60	160 02 90	160 02 120	160 02 150
04 (1/2)	160 04 25	160 04 30	160 04 35	160 04 45	160 04 65	160 04 90	160 04 120	160 04 150

Flessibile in treccia acciaio inox AISI 304 per monocomando Ø12mm, M10x1 gambo 9
Flexible , inox AISI304 steel,for single-lever mixer Ø 12mm, M10x1 shank 9

F/cm	25	30	35	45	60	90	120	150
02 (3/8)	170 02 25	170 02 30	170 02 35	170 02 45	170 02 60	170 02 90	170 02 120	170 02 150
04 (1/2)	170 04 25	170 04 30	170 04 35	170 04 45	170 04 65	170 04 90	170 04 120	170 04 150

425 CR

Flessibile doccia in pvc atossico con piattina cromata e attacco conico
Flexible hose for shower in atoxic pvc and chrome flat wire inside all around with one conical nut
cm 120, 150, 200

457 BI

Flessibile doccia a doppia ghiera in nylon bianco
Flexible hose for shower in white nylon, with double nut connection
cm 120, 150, 200

R123 1/2 10

Rubinetto sottolavabo con filtro e calotta alta con rosetta in ottone cromato
C.p. brass angle valve with filter and flange
1/2x10mm

R515

Viti doppie ridotte in ottone cromato
Reducing nipple in c.p. brass
3/8x1/2, 1/2x3/4

PP – 5 – 3 – 5” PP WATER FILTER
PP – 10 – 4 – 10” PP WATER FILTER

String wound polypropylene filter core

Material : polypropylene core (FDA and EEC approved)

Max sustained temperature:120F (50° C)

High pollutant retaining capacity

High flow rates with minimum pressure drop 20 micron

CTO –5–1- 5” ACTIVATED CARBON FILTER
CTO–10–1-10” ACTIVATED CARBON FILTER

Carbon block filter core

Material : compressed extruded carbon
Chlorine and odour removal

Max sustained temperature:120F (50° C)
Core and caps made of polypropylene

Excellent removal of organic pollutants

Combined action of filtration and absorbtion

RY – 5 – 5” - FILTER HOUSING
RY – 10 - 10” - FILTER HOUSING

Filter Housing

Material: Polypropylene vessel
Size: 5” , 10"
Color: blue or white
Inlet & outlet port: 3/4” brass thread

Max sustained pressure:125psi (8.8kg/cm2)
Max sustained temperature:120F (50 o C)
Failure test pressure:500psi
Cycle test pressure:0-150 psi, 100,000 cycles

Water flow and pressure loss depend on filter cartridge type

Under-sink water filter
Model: RY-F7

Description:

water inlet fittings including 1/2"x1/2"x1/4" water inlet tee and 1/4" ball valve,

uses 10"standard filter cartridge available on current market
Inlet pressure:15-125psi/1 -8.6kg /cm2
Max waterflow:1.0GPM
Max temperature:45^{o}

Under-sink water filter
Model: RY-F4

Description:
water inlet fittings including 1/2"x1/2"x1/4" water inlet tee and 1/4" ball valve

Uses 10"standard filter cartridge available on current market
Inlet pressure:15-125psi/1 -8.6kg /cm2
Max waterflow:1.0GPM
Max temperature:45^{o}