

DOMESTIC & RESIDENTIAL PUMPS





ALGO Profile

Algo positions itself as not just a pump manufacturing company but as a dependable, technologically sound and one stop solution provider to meet the diverse needs of customers across the globe. Understanding the need of efficient and cost effective pumping solutions and fluid management systems ALGO is established by the veterans having more than 33 years of diversified experience.

To overcome the current challenges in providing energy efficient and complete pumping solutions and meet the requirement of discerning customers ALGO is determined to offer technologically integrated and inventive pumping systems & Solutions at affordable prices.

With the vast experience gained in both domestic and international markets ALGO products are designed and produced with synergy of best in class technologies and processes with international standards. Most of its products are ISI certified and manufacturing facilities are accredited with ISO 9001 & 14001 COMPANY

Algo stays abreast of the major changes worldwide in terms of technology and processes. This combines with the ability to understand customers' requirement allows for the development of products that meet the challenges of tomorrow.

Algo has comprehensive range of products to cater Residential, Agriculture, Building services, Industrial & waste water segments. Algo's highly qualified Engineers and technicians assure satisfactory service at all time

The ability & Impetus of ALGO in product development, Pricing, Promotion, e-commerce strategies will result in sustainable competitive advantages for all stake holders. We at ALGO always strive to focus on current industry trend and meet the next generation pumping requirements.



ALGO Value proposition

- Affordable Price
- Longer Life
- Greater Performance
- Outstanding Service



Vision, Mission & Values

To provide technologically integrated and ultramodern fluid management systems and solutions for diversified applications at affordable prices and become one of the pump majors globally.

To ensure that we meet all the standards of safety, efficiency, hygiene and environment protection and contribute significantly in developing systems for energy saving.

Our Values are defined by our dedication to Quality, Principles & Integrity that lead to customers' satisfaction all time and ultimate success of the company and its stakeholders.

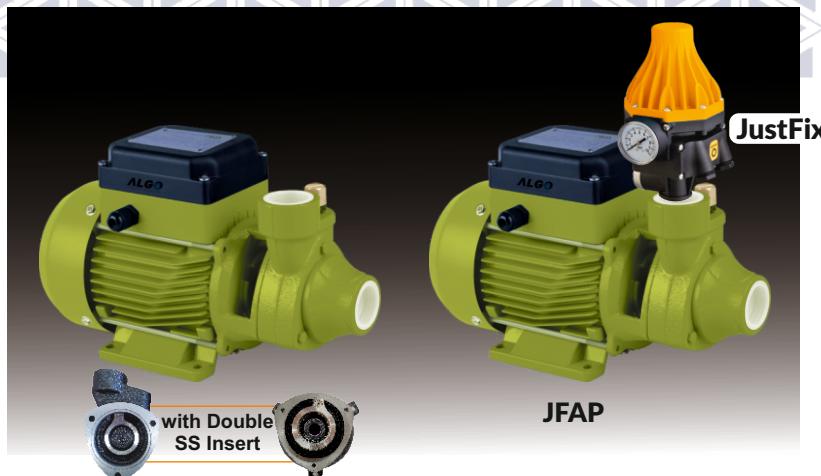


Quality Policy

We are determined to offer reliable & Innovative products and services with high standards, Dedicated to understand & meet customers' requirements on time.

We are committed to focus on introducing industry best technologies & Concepts to save energy, protect environment and to give high priority for customers' satisfaction all time.

AP SERIES



Peripheral Pumps

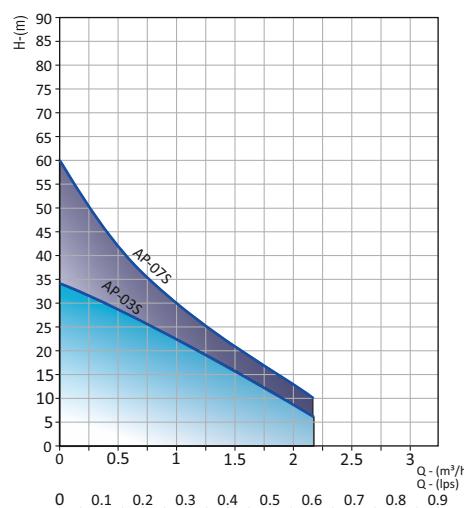
Materials of Construction

Casing	: Cast Iron with SS Insert
Motor Body	: Aluminium
Impeller	: Forged Brass
Pump Bracket	: Cast Iron
Shaft	: SS 410
Mechanical Seal	: Carbon & Ceramic
O Ring	: NBR

Applications

- Residential
- Gardens
- Washing Systems
- Pressure Boosting Unit
- Civil Applications

Performance Curves



Specification

Power	: 0.37 & 0.75 kW
Speed	: 2900 rpm
Type	: 1Ph 230V, 50Hz, (PSC) Inbuilt with T.O.P.
Duty	: S1 (Continuous)
Direction of Rotation	: Clockwise Viewed from Driving end
Protection	: IP54 / IP55
Insulation Class	: 'B' / f
Inlet & Outlet Size	: 1" X 1"

Operating Conditions

Suction Lift	: 8m
Flow Rate	: 2.2 m³/h
Maximum Head Max	: 55m
Max. Operating Pressure	: 5.5bar
Max. Liquid Temperature	: 50°C
Ambient Temperature	: 55°C (Max)

Performance Table

Pump Model	Power		Pump Size In Inches (suc X Del)	Discharge in lps / m³/h									
	kW	HP		lps	0	0.13	0.20	0.26	0.36	0.40	0.55	0.66	
				m³/h	0	0.48	0.72	0.96	1.32	1.50	2.00	2.40	
AP - 03S	0.37	0.5	1 x 1	Total Head In Meters	34	30	27	22	16	12	7	-	
AP - 07S	0.75	1.0	1 x 1	Total Head In Meters	55	48	41	38	26	16	16	10	

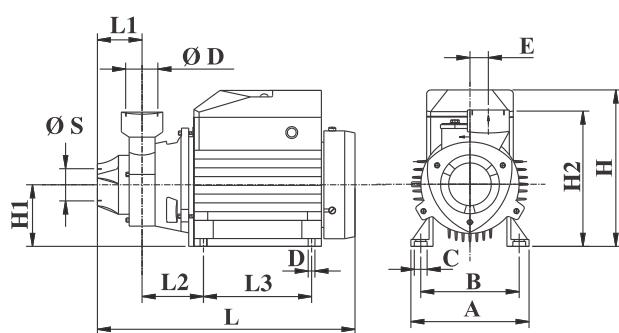
Dimensional Details

Pump Model	ØS	ØD	L2	L3	L	A	B	C	D	E	H	H1	H2	L1	Gross Weight in Kg
AP - 03S	1"	1"	60	100	260	110	75	10	17	75	155	60	120	50	5.3
AP - 07S	1"	1"	66	90	305	136	112	10	10	21	181	150	50	73	10

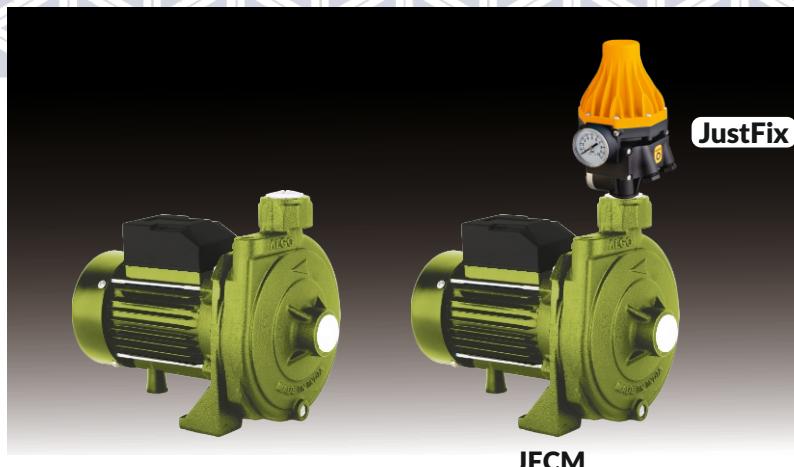
In view of continuous improvements in our design and process, The information, dimensions and specifications given herein are subject to change without notice.

* All Dimensions are in mm.

Dimensional Drawing



CM SERIES



JFCM Centrifugal Monoblock Pumps

Specification

Power	: 0.37 - 2.2kW
Speed	: 2900 rpm
Protection	: IP 44 / IP 54
Insulation Class	: "B" / 'F'
Versions	1Ph - 230V, 50Hz (PSC) Inbuilt with T.O.P. 3Ph - 380 - 415V, 50Hz
Direction of Rotation	: Clockwise Viewed from Driving end
Duty	: S1 (Continuous).
Inlet & Outlet Size	: 1" X 1", 1¼" x 1", 2 x 2", 3 x 3"

Materials of Construction

Pump Casing	: Cast Iron
Motor Body	: Aluminium
Impeller	: Brass / SS
Shaft	: SS 410
Mechanical Seal	: Carbon & Ceramic

Operating Conditions

Head Max	: 53m
Suction Lift	: 7m (Max)
Max. Liquid Temperature	: 40°C
Ambient Temperature	: 55°C (Max)

Applications

Residential	Industrial Water Supply
Irrigation	General Water Supply
Farms	Drip & Sprinkler Systems
	Water Treatment Plants

Performance Table

Pump Model	Power		Pump Size In Inches (suc X Del)	Discharge in lps / m³/h									
	kW	HP		lps	0	0.27	0.55	0.80	1.0	1.25	1.36	1.70	
					0	1.0	2.0	2.80	3.55	4.50	5.00	6.0	
CMA - 3/03S	0.37	0.5	1 x 1	Total Head In Meters	22	18	17	16	14	12	7	-	
CMA - 4/05S	0.55	0.75	1 x 1		25	21	20.5	19	16	13	7.5	-	
CMA - 5/07S	0.75	1.0	1 x 1		28	24	22	20	15	13	7.5	-	
CMA - 5/07SN	0.75	1.0	1 x 1		30	26	23.5	19.5	17	12	8	-	
CMA - 6/07S	0.75	1.0	1 x 1		33	30	29	20	17.5	12	8.5	6	

Pump Model	Power		Pump Size In Inches (suc X Del)	Discharge in lps / m³/h												
	kW	HP		lps	3.1	3	2.8	2.6	2.3	2.0	1.6	1.3	1	0.8	0.6	
					0	1.0	2.0	2.80	3.55	4.50	5.00	6.0				
MCC - 8/11S (Flange Type)	1.1	1.5	1.5 x 1.5	($\frac{\text{m}}{\text{h}}$)	12	14	16	18	20	22	24	26	28	30	32	

Pump Model	Power		Pump Size In Inches (suc X Del)	Discharge in lps / m³/h										
	kW	HP		lps	4.5	4.3	4	3.8	3.5	3.1	3	2.5	1.8	
					0	1.0	2.0	2.80	3.55	4.50	5.00	6.0		
MCC - 10/15SH (Flange Type)	1.5	2.0	2 x 2	($\frac{\text{m}}{\text{h}}$)	14	16	18	20	22	24	26	28	30	

Note: In the Model Name replace the last latter "S" with "T" for 3 Phase Models.

CM SERIES

Performance Table

Pump Model	Power		Pump Size In Inches (suc X Del)	Discharge in lps / m³/h								
	kW	HP		lps	0	1.4	2.1	2.8	3.5	4.2	5.6	6.7
			m³/h	0	5	7.5	10	12.5	15	20	24	
CMB - 7/11S	1.1	1.5	1½ x 1	32	28	25	21	15	5	-	-	
CMB - 15/11S	1.1	1.5		20	19.5	19.5	19	18.5	17.5	13	10	
CMB - 18/15S	1.1	2.0		24	22	23	22.5	21	20	15	11.5	

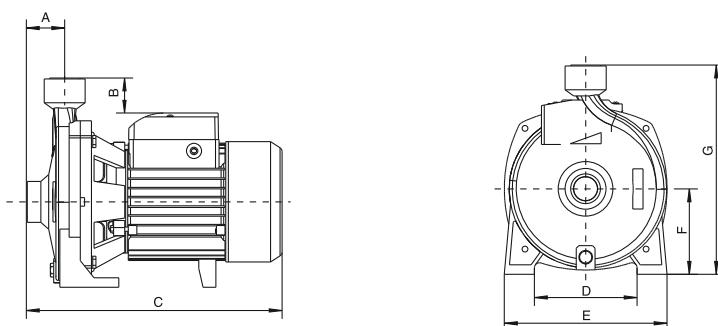
Pump Model	Power		Pump Size In Inches (suc X Del)	Discharge in lps / m³/h									
	kW	HP		lps	0	2.8	4.17	5.56	6.94	8.33	9.72	11.11	12.5
			m³/h	0	10	15	20	25	30	35	40	45	
CMB - 30/22S	2.2	3.0	3 x 3	H(m)	14.5	14	13.5	13	12.5	12	10.5	9	8 (42m³/h)

Performance Table (Twin Impeller)

Pump Model	Power		Pump Size In Inches (suc X Del)	Discharge in lps / m³/h									
	kW	HP		lps	0	0.6	0.8	1.1	1.4	1.7	1.9	2.2	2.5
			m³/h	0	2	3	4	5	6	7	8	9	
CMBT - 5/11S	1.1	1.5	1½ x 1	47.5	43	41	38	35.5	32	27.5	22	-	
CMBT - 6/15S	1.5	2.0		50.5	47	43	41	38	35	30	25	-	
CMBT - 8/22S	2.2	3.0		52.5	48.5	46	44	42	38.5	35	31	26	

Dimensional Details & Drawings

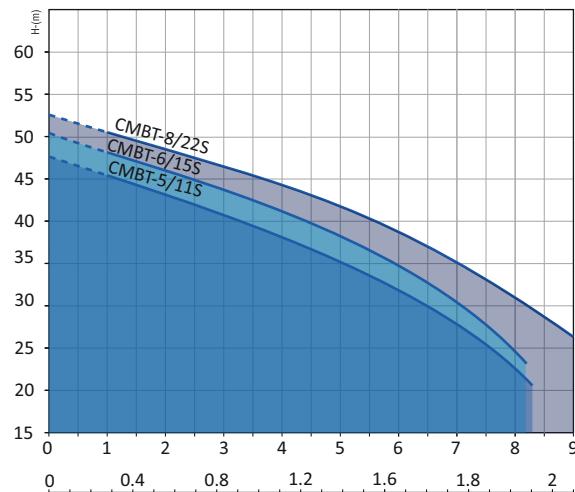
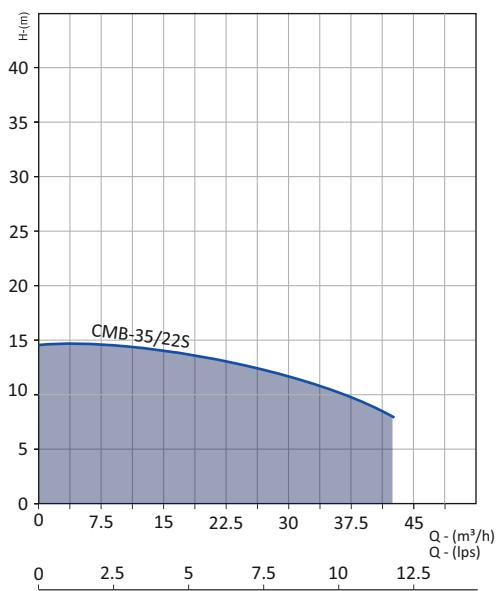
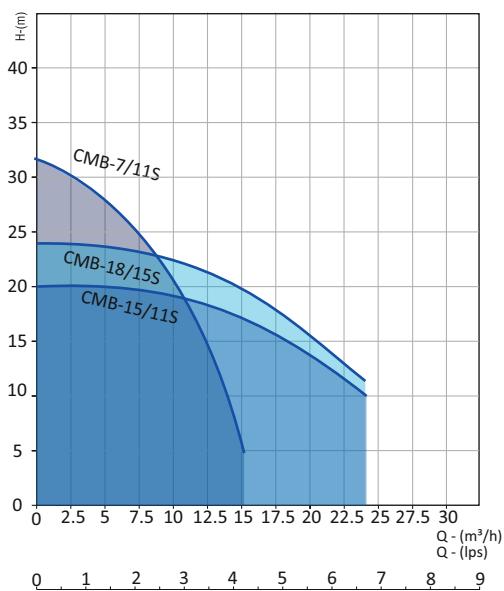
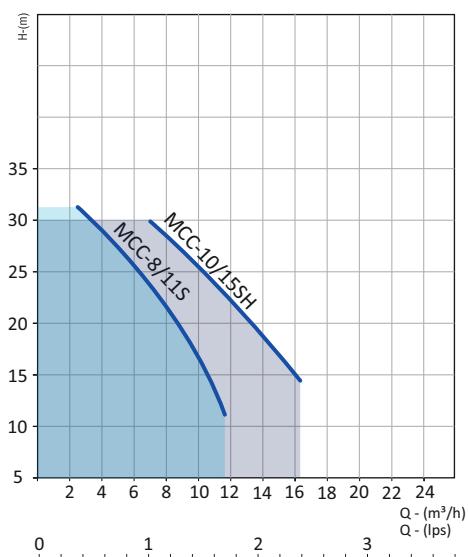
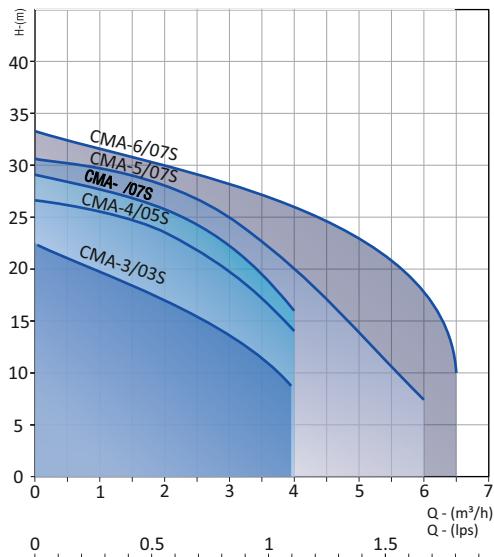
Note: In the Model Name replace the last letter "S" with "T" for 3 Phase Models.



Pump Model	Power		A	B	C	D	E	F	G	Gross Weight in Kg
	kW	HP								
CMA - 3/03S	0.37	0.5	35	50	315	65	163	90	235	9.4
CMA - 4/05S	0.55	0.75	35	50	315	65	163	90	235	12.6
CMA - 5/07S	0.75	1.0	35	50	315	65	163	90	235	13.26
CMA - 5/07SN	0.75	1.0	35	50	315	65	163	90	235	14
CMA - 6/07S	0.75	1.0	38	27	320	140	182	100	240	15.5
MCC - 8/11S	1.1	1.5	-	255	450	110	160	125	-	28
MCC - 10/15SH	1.5	2.0	-	255	450	110	160	125	-	32
CMB - 7/11S	1.1	1.5	44	46	352	180	220	115	284	21.5
CMB - 15/11S	1.1	1.5	60	20	375	160	207	112	159	22
CMB - 18/15S	1.5	2.0	57	20	385	135	182	107	218	23
CMB - 35/22S	2.2	3.0	68	65	435	190	240	120	312	30
CMBT - 5/11S	1.1	1.5	81	20	387	170	210	117	264	21.5
CMBT - 6/15S	1.5	2.0	81	20	387	170	210	117	264	22.5
CMBT - 8/22S	2.2	3.0	90	38	450	190	240	135	300	30.5

* All Dimensions are in mm.

Performance Curves

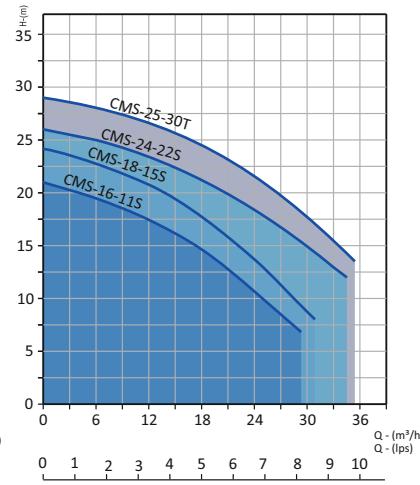
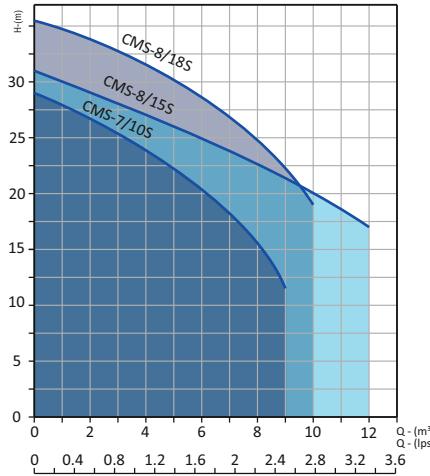
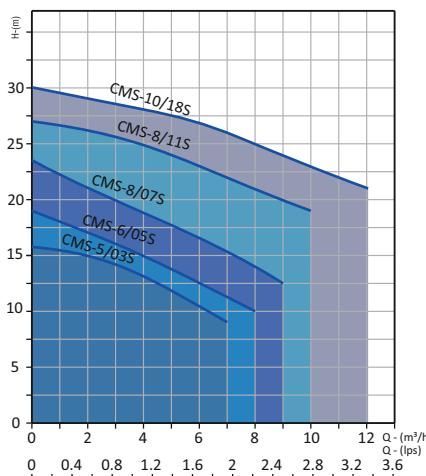


CMS SERIES



**Stainless Steel
Centrifugal Pumps**

Performance Curves



Specification

Power	: 0.37 - 3.0kW
Speed	: 2900 rpm
Protection	: IP 55 / IP 54
Insulation Class	: 'F' / 'B'
Versions	1Ph - 230V, 50Hz (PSC) Inbuilt with T.O.P. 3Ph - 380 - 415V, 50Hz
Direction of Rotation	: Clockwise Viewed from Driving end
Duty	: S1 (Continuous).
Inlet & Outlet Size	: 1½" X 1", 1½" x 1¼", 2 x 2"

Applications

Residential	Pressure Boosting Units
Irrigation	Industrial Water Supply
Small Farms	Food Processing
	Washing Systems

Performance Table

Pump Model	Power		Pump Size In Inches (suc X Del)	Discharge in lps / m³/h													
	kW	HP		lps	0	0.3	0.6	0.8	1.1	1.4	1.6	1.9	2.2	2.5	2.8	3.3	
				m³/h	0	1	2	3	4	5	6	7	8	9	10	12	
CMS - 5/03S	0.37	0.5	1½" X 1"	16.5	15.5	15	14.5	13	12	10.5	9	-	-	-	-		
CMS - 6/05S	0.55	0.75		19	18	17	16	15	13.5	12.5	11	10	-	-	-		
CMS - 8/07S	0.75	1.0		23.5	22	21	20	18.5	17.5	16.5	15	14	12.5	-	-		
CMS - 7/10S	1.0	1.3		29	28	26.5	25.5	24	22.5	20.5	18.5	15.5	11.5	-	-		
CMS - 8/11S	1.1	1.5		27	26.5	26	25.5	25	24	23	22	21	20	19	-		
CMS - 8/15S	1.5	2.0		31	30	29	28	27	26	25	24	23	21	20	17		
CMS - 8/18S	1.8	2.5		36.5	35	34	33	32	30	28.5	27	24	22	19	-		
CMS - 10/18S	1.8	2.5		30	29.5	29	28.5	28	27.5	27	26	25	24	23	21		

Materials of Construction

Pump Casing	: SS 304
Motor Body	: Aluminium
Impeller	: SS 304
Shaft	: SS 304 + Carbon Steel
Mechanical Seal	: Carbon & Ceramic

Operating Conditions

Head Max	: 35m
Suction Lift	: 7m (Max)
Max. Liquid Temperature	: +5°C ~ +60°C / 110°C
Ambient Temperature	: 50°C (Max)

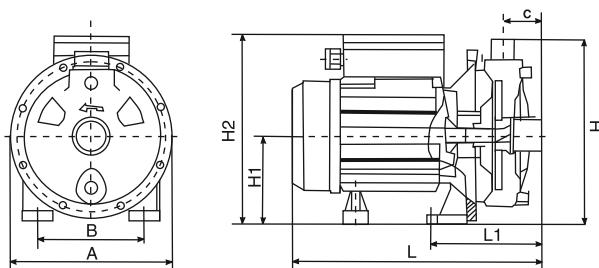
CMS SERIES

Pump Model	Power		Pump Size In Inches (suc X Del)	Discharge in lps / m³/h													
	kW	HP		lps	0	0.8	1.7	2.5	3.3	4.2	5.0	5.8	6.7	7.5	8.3	9.2	10
	m³/h	0		0	3	6	9	12	15	18	21	24	27	30	33	36	
CMS - 16/11S	1.1	1.5	2 x 2	Total Head In Meters	21	20	19	18.5	17.5	16.5	14.5	13	11	8.5	7 29m³/h	-	-
CMS - 18/15S	1.5	2.0			24	23.5	23	22	21	19	17.5	16	13.5	11	8.5	8 31m³/h	-
CMS - 24/22S	2.2	3.0			26	25.5	25	24.5	23.5	22.5	21.5	20	18.5	17	15	13	12 34m³/h
CMS - 25/30T	3.0	4.0			29	28.5	28	27.5	26.5	25.5	24.5	23	22	20	17.5	15.5	13.5 35m³/h

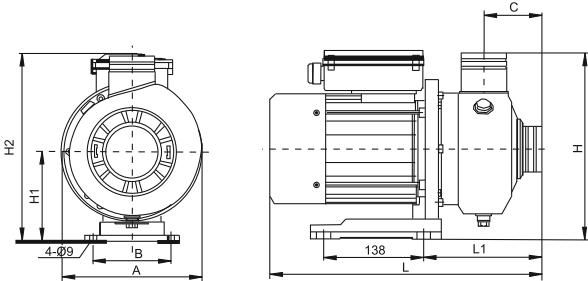
Note: In the Model Name replace the last letter "S" with "T" for 3 Phase Models.

Dimensional Drawing

CMS - 5/03S | CMS - 6/05S | CMS - 8/07S | CMS - 7/10S | CMS - 8/11S | CMS - 8/15S



CMS - 16/11S | CMS - 18/15S | CMS - 24/22S | CMS - 25/30S



Dimensional Details

Pump Model	Power		A	B	C	H	H1	H2	L	L1	Gross Weight in Kg
	kW	HP									
CMS - 5/03S	0.37	0.5	213	120	44	212	108	221	315	135	11.5
CMS - 6/05S	0.55	0.75	213	120	44	212	108	221	315	135	12
CMS - 8/07S	0.75	1.0	213	120	44	212	108	221	315	135	13
CMS - 7/10S	1.0	1.3	213	140	47	222	110	242	313	138	15.5
CMS - 8/11S	1.1	1.5	240	120	44	257	120	257	378	144	23
CMS - 8/15S	1.5	2.0	240	150	49	257	120	257	378	144	24
CMS - 8/18S	1.8	2.5	234	150	49	240	120	251	337	140	22
CMS - 10/18S	1.8	2.5	231	140	47	222	110	255	366	138	21.5
CMS - 16/11S	1.1	1.5	193	108	82	258	125	265	378	165	16.5
CMS - 18/15S	1.5	2.0	193	108	82	258	125	265	378	165	18
CMS - 24/22S	2.2	3.0	193	108	82	258	125	242	415	165	22
CMS - 25/30T	3	4.0	193	108	82	258	125	242	432	165	23

* All Dimensions are in mm.

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JS SERIES



Self Priming Jet Pumps

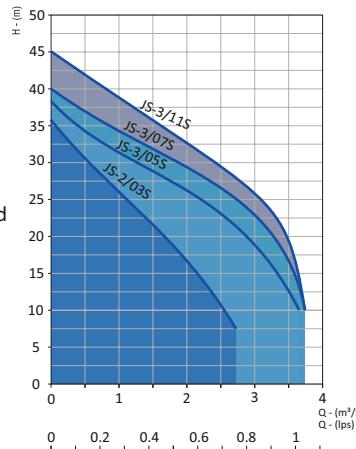
Specification

Power	: JS 0.37 - 1.1kW
Speed	: 2900 rpm
Protection	: IP 54 / IP 44
Insulation Class	: "B"
Versions	1Ph - 230V, 50Hz (PSC) Inbuilt with T.O.P. 3Ph - 380 - 415V, 50Hz
Direction of Rotation	: Clockwise Viewed from Driving end
Duty	: S1 (Continuous).
Inlet & Outlet Size	: 1" X 1", 1½ X 1" (BSP)

Applications

Residential	Pressure Boosting Units
Irrigation	Industrial Water Supply
Small Farms	Food Processing Industries
	Washing Systems

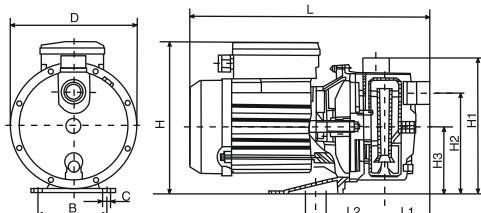
Performance Curves



Performance Table

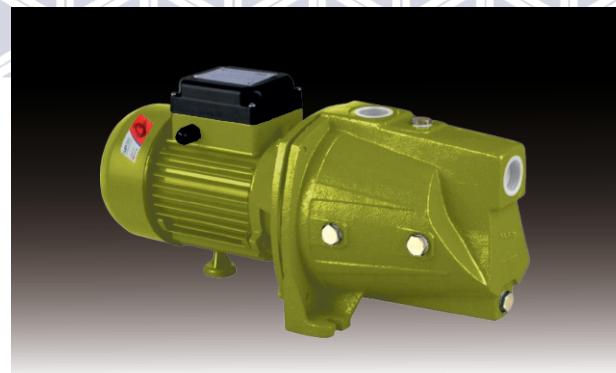
Pump Model	Power		Pump Size In Inches (suc X Del)	Discharge in lps / m³/h									
	kW	HP		lps	0	0.1	0.3	0.4	0.6	0.7	0.8	1.0	1.04
	m³/h	0		0	0.5	1	1.5	2	2.5	3	3.5	3.75	
JS - 2/03S	0.37	0.5	1 x 1	36	31	26.5	21.5	17	11	7 (2.75m³/h)	-	-	
JS - 3/05S	0.55	0.75		38	34	31.5	28.5	26.5	23	18.5	12.5	10 (3.7m³/h)	
JS - 3/07S	0.75	1.0		40	37	34	32	29	26.5	23	17	10	
JS - 3/11S	1.1	1.5		45	42	38.5	36	32.5	29.5	26.5	19.5	10	

Dimensional Drawing



Dimensional Details

Pump Model	Power		B	C	D	H	H1	H2	H3	L	Gross Weight in Kg
	kW	HP									
JS - 2/03S	0.37	0.5	160	8	196	218	206	161	105	380	9
JS - 3/05S	0.55	0.75	160	8	196	218	206	161	105	380	10
JS - 3/07S	0.75	1.0	160	8	196	218	206	161	105	380	11
JS - 3/11S	1.1	1.5	160	8	196	218	206	161	105	380	11.5



Self Priming Jet Pumps

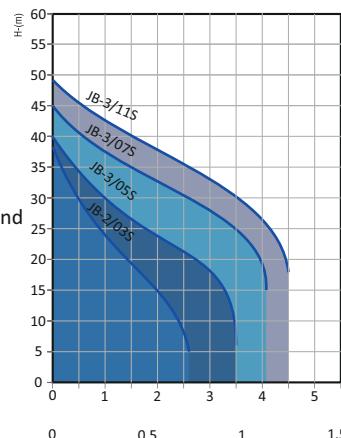
Specification

Power	: JB 0.37 - 1.1kW
Speed	: 2900 rpm
Protection	: IP 54 / IP 44
Insulation Class	: "B"
Versions	1Ph - 230V, 50Hz (PSC) Inbuilt with T.O.P. 3Ph - 380 - 415V, 50Hz
Direction of Rotation	: Clockwise Viewed from Driving end
Duty	: S1 (Continuous).
Inlet & Outlet Size	: 1" X 1", 1½ X 1" (BSP)

Applications

Residential	Pressure Boosting Units
Irrigation	Industrial Water Supply
Small Farms	Food Processing Industries
	Washing Systems

Performance Curves



Materials of Construction

Pump Casing	: Cast Iron
Motor Body	: Aluminium
Impeller	: Brass
Shaft	: SS 304
Mechanical Seal	: Carbon & Ceramic

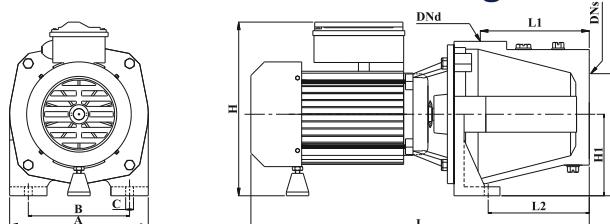
Operating Conditions

Head Max	: 48.5m
Suction Lift	: 7m (Max)
Max. Liquid Temperature	: +5°C ~ +60°C
Ambient Temperature	: 50° (Max)

Performance Table

Pump Model	Power		Pump Size In Inches (suc X Del)	Discharge in lps / m³/h						
	kW	HP		lps	0	0.3	0.6	0.8	1.1	1.4
			m³/h	0	1	2	3	4	5	
JB - 2/03S	0.37	0.5	1 x 1	Total Head In Meters	38	24	15	5 (2.6m³/h)	-	-
JB - 3/05S	0.55	0.75			40	30	24	18	10 (3.5m³/h)	-
JB - 3/07S	0.75	1.0			45	37	33	28	20	-
JB - 3/11S	1.1	1.5			49	42	38	33	27	20 (4.4m³/h)

Dimensional Drawing



Dimensional Details

Pump Model	Power		DNS	DND	L	L1	L2	A	B	C	H1	H2	H	Gross Weight in Kg
	kW	HP												
JB - 2/03S	0.37	0.5	1"	1"	440	140	235	181	140	10	100	158	213	14
JB - 3/05S	0.55	0.75	1"	1"	395	112.5	133	182	142	10	97	152.5	210	14.5
JB - 3/07S	0.75	1.0	1¼"	1"	395	112.5	133	182	142	10	97	152.5	210	15.5
JB - 3/11S	1.1	1.5	1¼"	1"	395	112.5	133	182	142	10	97	152.5	210	16.5

In view of continuous improvements in our design and process, The information, dimensions and specifications given herein are subject to change without notice.

* All Dimensions are in mm.

X STREME SERIES



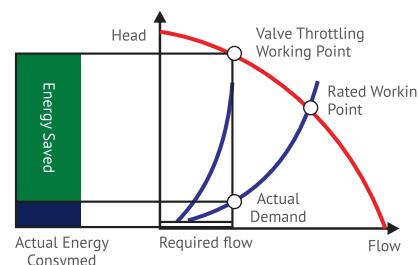
Automatic Pressure Booster System With VFD

Specification

Power	1 to 5.5 HP
Speed	2900 rpm
Version	1Ph 230V , 50Hz
Duty	S1 (Continuous)
Protection	IP 55
Insulation Class	F
Head Range	5 to 60m
Flow Range	17 to 265lpm

Applications

Domestic Pressure Boosting
Hotels / Restaurants
Commercial Centres
Washing Systems



Materials of Construction

Pump Suction & Delivery	SS 304 / Cast Iron / SS 316
Motor Body	Aluminium
Impeller	SS 304 / SS 316
Shaft	SS 410 / SS 304
Mechanical Seal	Carbon Ceramic
Bearing	Double Shielded Ball Bearing

Operating Conditions

Output Frequency	20 ~ 50 Hz / 20 ~ 60 Hz
Pressure setting Range	1 ~ 9 Bar
Pressure Transmitter	24V, 4-20mA
Ambient Temperature	40°C
Liquid Temperature	70°C

Technical Details

Model	Power	Voltage/Ph	Hmax	Rated Head	Rated Flow	Max Flow	Speed	Pump Size
Xstream 204H	650W	230V - 1Ph	45m	37m	2 m³/h	4.8 m³/h	5000rpm	1"x1"
Xstream 403	1000W	230V - 1Ph	40m	30m	4 m³/h	6.5 m³/h	3600 rpm	1½"x 1"

SIMPO SERIES



Swimming Pool Pump

Specification

Power	1 to 3 HP
Speed	2900rpm
Version	1Ph 230V , 50Hz 3Ph 380V , 50Hz
Duty	S1 (Continuous)
Protection	IP55
Insulation Class	F
Head Range	4 to 18m
Flow range	125 to 515lpm

Materials of Construction

Pump Body	Polypropylene + Glass Fiber
Motor Body	Aluminium
Impeller	Modified PPO >20 % GFN
Diffuser	Modified PPO >20 % GFN
Shaft	SS + Carbonsteel
Mechanical seal	Carbon/Ceramic/NBR

Operating Conditions

Max. Liquid Temp.	Up to 50° C
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Application

Recirculation & Filtering water from swimming pool

Performance Table

Model	HP	kW	Pump Size (mm)	Discharge in lpm	Head in meter						
					4	6	8	10	12	16	18
Simpo-10S	1	0.75	70x70		325	295	250	185	125		
Simpo-15S	1.5	1.1	70x70			370	340	300	255	130	
Simpo-20S	2	1.5	70x70			450	425	380	350	230	155
Simpo-30S	3	2.2	70x70				515	480	430	340	230

* Model name ends with S - 1Ph & T - 3Ph

ZINGO SERIES



**Dewatering Pump
(For Clear Water)**

Specification

Power	0.5 to 3 HP
Speed	2900rpm
Version	1Ph 230V, 50Hz 3Ph 380V, 50Hz
Duty	S1 (Continuous)
Protection	IP68
Insulation Class	F
Head Range	3 to 20m
Flow Range	16 to 463lpm

Applications

Sewage treatment plants Mines & Civil construction
Industrial Dewatering

Performance Table

Models	Power (watts)	Outlet Size (mm)		Head in meter						
				1	2	3	4	5	6	7
ZINGO-05	400	32	Discharge in lpm	156	130	102	68	40		
ZINGO-10	750	32		264	240	210	182	152	118	73



**Dewatering Pumps
(For Clear Water)**

Performance Table

Models	Power (watts)	Outlet Size (mm)		Head in meter						
				1	2	3	4	5	6	7

SENTRA SERIES



Sewage Pump

Specification

	SenDra Series	SenDra-H Series
Power	0.5 to 3 HP	2 to 10 HP
Speed	2900rpm	2900rpm
Version	1Ph 230V, 50Hz 3Ph 380V, 50Hz	3Ph 380V, 50Hz
Duty	S1 (Continuous)	S1 (Continuous)
Protection	IP68	IP68
Insulation Class	F	F
Head Range	3 to 20m	6 to 27m
Flow Range	16 to 463lpm	150 to 1693lpm

Materials of Construction

	SenDra Series	SenDra-H Series
Pump Body	Cast Iron	Cast Iron
Motor Body	SS 304	Cast Iron
Impeller	Cast Iron	Cast Iron
Shaft	Carbon Steel	Carbon Steel
Mechanical Seal	Carbon Ceramic	Sic / Hard Alloy
Cable	8 mtr H07RN-F	8 mtr H07RN-F

Operating Conditions

Max. Liquid Temp 50°C

Applications

Sewage treatment plants Mines & Civil construction
Industrial Dewatering

Performance Table- SenDra Series

Model	HP	kW	Outlet Size (mm)	Solid Size (mm)		Head in meter								
						3	4	6	8	10	12	14	16	18
CSV-10/C07	1	0.75	40	15	Discharge in lpm	287	275	217	163	108				
CSV-10/D07	1	0.75	50	15		388	387	310	245	170	92			
CSV-13/11	1.5	1.1	50	25		402	398	331	282	203	125	63		
CSV-15/15	2	1.5	50	25		463	442	402	353	295	248	170	108	63

Model	HP	kW	Outlet Size (mm)	Solid Size (mm)		Head in meter									
						5	6	7	8	10	12	14	16	18	20
SV-06/D03	0.5	0.37	25	15	Discharge in lpm	66	43	28	16						
SV-10/D07	1	0.75	50	25			300	260	225	170	50				
SV-13/D11	1.5	1.1	50	30			430	410	390	330	250	170	80		
SV-15/D15	2	1.5	50	30						310	292	255	220	146	73

JAWA SERIES



Cutter Sewage Pump

Specification

Power	1 to 2HP
Speed	2900 rpm
Version	1Ph 230V, 50Hz 3Ph 380V, 50Hz
Duty	S1 (Continuous)
Protection	IP68
Insulation Class	F
Head Range	6 to 27 m
Flow Range	30 to 1693 lpm

Materials of Construction

Pump Casing	Cast Iron
Motor Housing	SS / CI
Impeller	High Chrome
Shaft	SS / Carbon Steel
Cutter Blade	SS
Mechanical Seal	Graphite - Silicon Carbide
Cable	8 mtr H07RNF

Operating Conditions

Max. Liquid Temp. 50°C

Applications

Waste Water treatment plant
Medical waste disposal
Industrial waste disposal

Performance Table

Model	HP	kW	Outlet Size(mm)	Discharge In lpm	Head in meter					
					6	8		12	14	16
SC-06/D03	0.5	0.37	50		133	50				
SC-10/D07	1	0.75	50		240	175	120	30		
SC-12/D11	1.5	1.1	50		280	230	165	115		
SC-15/D15	2	1.5	50				340	280	215	130

EP SERIES

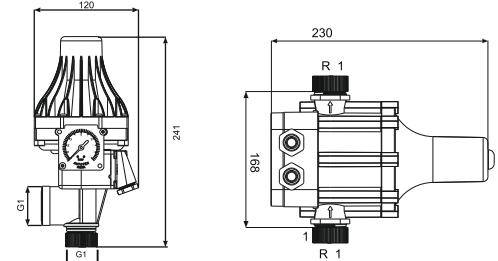
Automatic Electronic Pump Controllers

Electronic pump controllers are fixed to automatically start and stop the pumps based on the set pressure level. It switches ON the pump whenever there is pressure drop in the pipeline or any tap is opened & switches OFF the pump automatically within 10-15 seconds when all the taps are closed & provided there no leakage in the pipeline. By this way pressurized water will be delivered in the showers and taps connected with the pipeline.

These controllers are inbuilt with non-return valve & also prevent the pump from dry running. Our advanced printed circuit board (PCB) is manufactured by fully automatic SMT equipment and using higher grade plastic raw materials to ensure consistency in the quality and reliability. These pressure controllers are available in different types and pressure ratings (fixed/adjustable) suitable for lower power rating residential pumps.



Dimensional Drawing



Features

- Compact and silent
- Higher grade thermoplastic material
- Built in reset button
- Automatic start and stop of pump
- Protection against dry running
- Over heat protection
- Forced start

Technical Parameters

- Rated Voltage: 220 - 240V / 110 - 120V
- Frequency: 50 / 60Hz
- Max current : 10A / Max Power : 1.1kW / 1.5HP
- Starting pressure setting: 1.2 bar, 1.5 bar, 2.2 bar
- Max Working pressure: 10 bar
- Connection thread: R1"
- Protection rating: IP65
- Max Working Temperature: 50°C

SaVia SERIES



Float Switches

ALGO's float switches are used to operate the pumps automatically by sensing upper and lower water/liquid level set in different pumping applications.

Float switch is the basic form of simple automation to control the flow of the pumping media in the pumping system. Its function is to operate or actuate the pumping system based on the set level of water/ liquid.

These switches also can be used as indicator, an alarm or to control other devices connected with the pumping system.

Specification

• Rated Voltage	220 / 230 / 240V
• Rated Current	10A / 16A
• Frequency	50 / 60Hz
• Protection	IP 67
• Working Temperature	55°C
• Cable Length	2, 3, 5 & 10m.



Manufactured by:

ALGO Fluid Systems Pvt. Ltd.

Survey No. 185, Ahmedabad-Mehsana
Highway, Ghumasan Road, Chandarda,
Ta- Kadi, Dist- Mehsana, Gujarat - 384450.
(India)

Tel.: +91- 2764-234240 / 93164 31347

E-mail: sales@algopumps.com

ALGO Fluid Technicks Sa Pty Ltd

Unit 20, Mifa Industrial Park399,
George Street Randjies Park,
Midrand - 1685, Johannesburg,
Gauteng

Tel.:+27 73 160 4791

E-mail: info@algopump.co.za

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