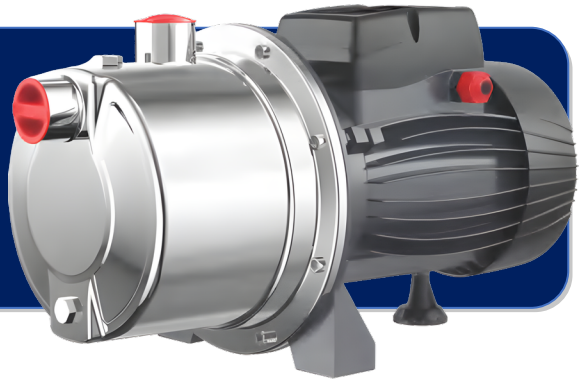
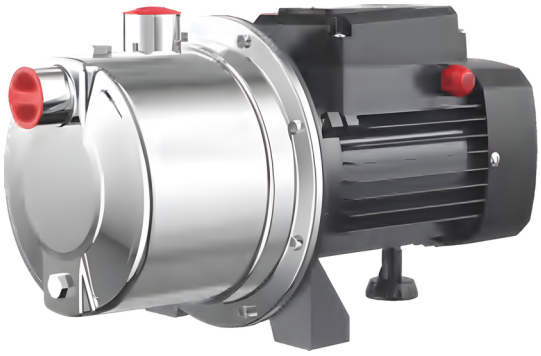
GARDEN JET PUMPS “AJm-C”

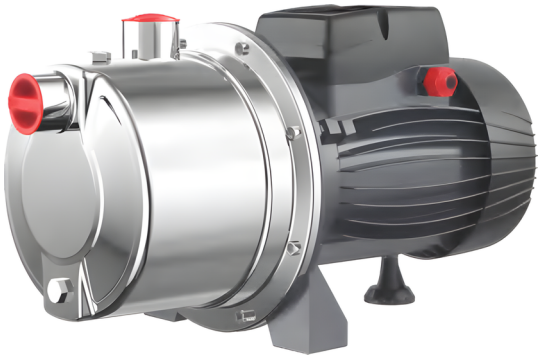


TECHNICAL FEATURES

- Suitable for clean water and liquids that are not chemically aggressive to the pump materials.
- Self-priming jet pump designed to pump water even where air is present.
- Reliable and easy to use: recommended for domestic applications such as water distribution with small or medium-sized pressure sets and the irrigation of gardens and allotments.
- Install in an enclosed area, or at least sheltered from bad weather.



HBJm-C (on request)



AJm-C

MOTOR

- Two-pole induction motor (n = 2850 rpm)
- Insulation class B; protection IP44
- Continuous service S1
- Thermal protector on single-phase versions
- Single-phase 220 V / 50 Hz (60 Hz on request)
- Three-phase 380 V / 50 Hz (60 Hz on request)

WORKING CONDITION

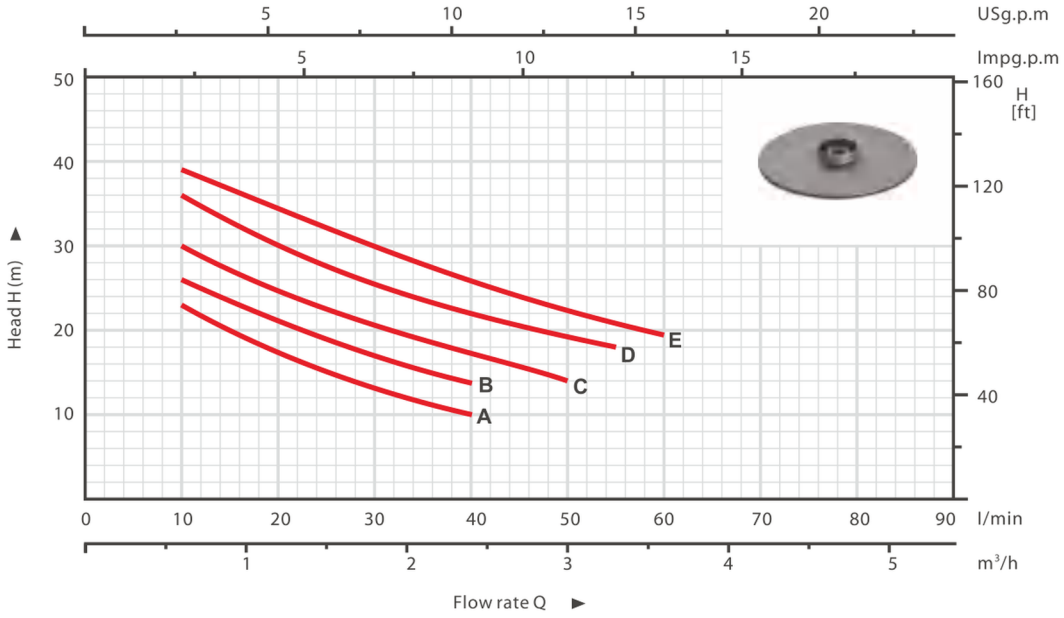
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 9 m

GARDEN JET PUMPS “AJm-C”

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	AISI 304 SS
Pump support	Aluminium
Motor housing	Aluminium
Impeller	AISI 304 SS, Brass on request
Diffuser	Techno-polymer
Motor shaft	AISI 304 SS
Mechanical seal	Ceramic / Graphite

PERFORMANCE CHART AT n = 2850 RPM



ATLAS MIDDLE EAST FZE | Sharjah Hamriyah Freezone – LV-15/C, Sharjah - UAE atlas-me.ae

GARDEN JET PUMPS “AJm-C”

NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	0.6	1.2	1.8	2.4	2.7	3.0	3.3	3.6
				Q (l/min)	0	10	20	30	40	45	50	55	60
A	AJm-40C	0.3	0.4	H (m)	30	22	17	14	10				
B	AJm-60C	0.37	0.5	H (m)	35	26	22	17	14				
C	AJm-80C	0.55	0.75	H (m)	38	30	25	20	18	16	14		
D	AJm-100C	0.75	1	H (m)	42	36	30	25	22	21	20	18	
E	AJm-120C	0.9	1.2	H (m)	46	39	35	29	25	24	23	21	19

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	AJm-40C	1" × 1"	5.5	360 × 190 × 220
B	AJm-60C	1" × 1"	6	360 × 190 × 220
C	AJm-80C	1" × 1"	7.5	415 × 210 × 235
D	AJm-100C	1" × 1"	8.5	415 × 210 × 235
E	AJm-120C	1" × 1"	9.5	415 × 210 × 235

Performance values at n = 2850 rpm, 50 Hz. Specifications are subject to change without notice.