

AG-JEC Series

Self-priming pumps
for swimming pools with
pre-filter.

Specifications

Delivery: up to 30 m³/h
Head: up to 17 m
Power supply: three-phase and
single-phase 50 Hz
Power: 0.3 kW to 1.5 kW
Maximum operating pressure: 2 bar
Temperature of pumped liquid:
-10°C to +40°C
Insulation class: F
Protection: IP55

Materials

Pump body: Technopolymer
Pump-motor adapter: Technopolymer
Impeller: Technopolymer
Diffuser: Technopolymer
Mechanical seal: Ceramic/Carbon
Drain cap: Technopolymer
Basket filter: Technopolymer
Elastomers: NBR

Applications

Water distribution

Swimming pools

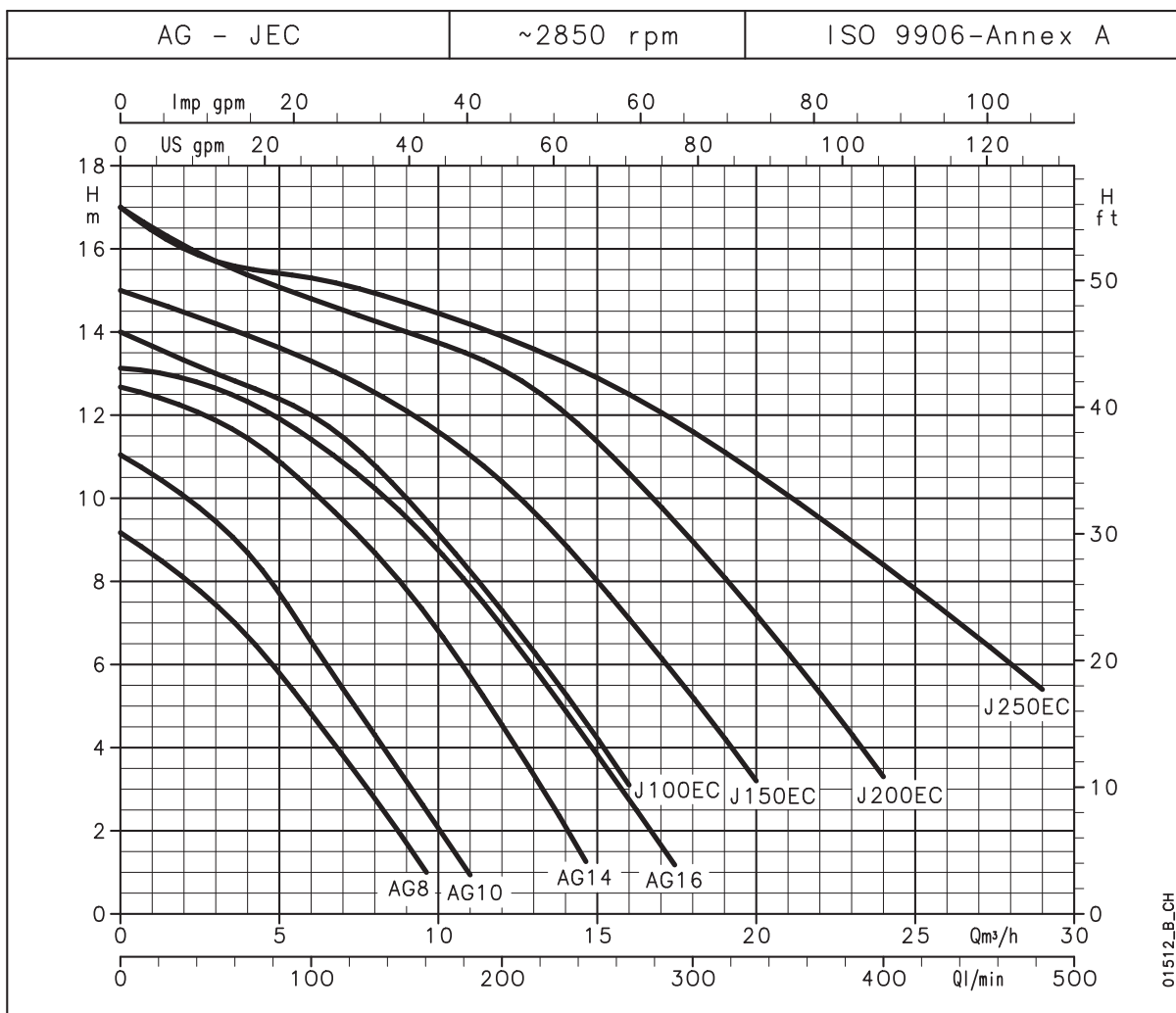
Fountains and water displays



For a complete list of technical information, consult www.lowara.com

AG-JEC SERIES SINGLE-PHASE

Operating characteristics at 50 Hz



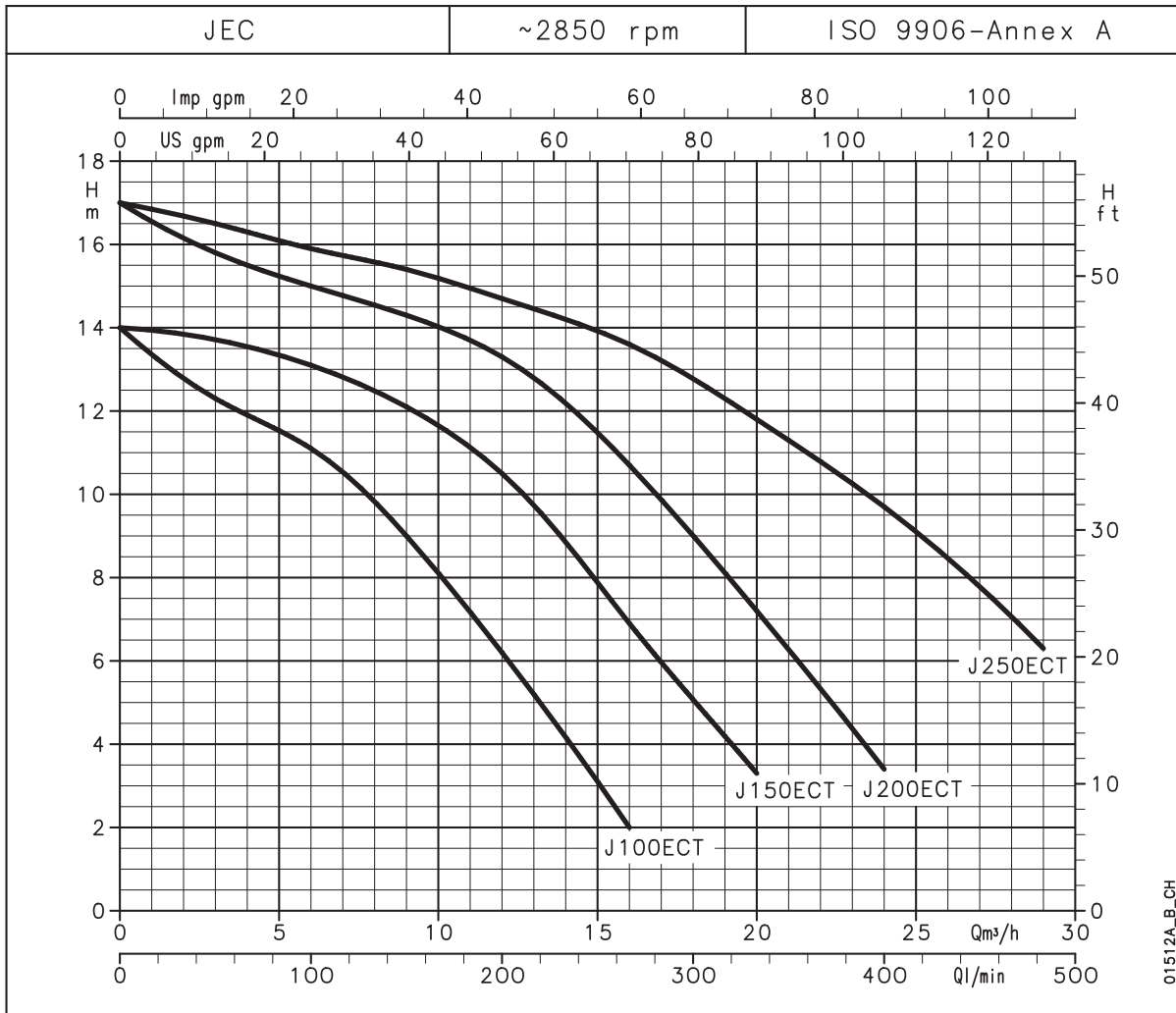
Hydraulic performance table

PUMP TYPE	RATED POWER		RATED CURRENT	CAPACITOR		Q = DELIVERY													
						l/min	0	50	100	150	200	267	333	400	483				
						m³/h	0	3	6	9	12	16	20	24	29				
230V 50Hz	kW	HP	A	µF	V	H = TOTAL HEAD IN COLUMN OF WATER (METRES)													
AG8	0,3	0,4	1,45	10	420	9,2	7,5	4,8	1,7										
AG10	0,37	0,5	1,7	10	420	11	9,4	6,6	3,2										
AG14	0,55	0,75	2,8	10	420	12,7	11,9	10,2	7,8	4,5									
AG16	0,67	0,92	3,0	10	420	13,1	12,6	11,4	9,5	7	2,8								
J100EC	0,55	0,75	3,2	12,5	420	14	13,0	12	10	7,3	3,1								
J150EC	0,75	1	3,5	20	420	15	14,2	13,3	12,1	10,4	7,1	3,2							
J200EC	1,1	1,5	5,7	25	420	17	15,7	14,8	14	13,1	10,6	7,2	3,3						
J250EC	1,5	2	7,5	25	420	17	15,7	15,3	14,7	13,9	12,5	10,6	8,4	5,4					

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JEC SERIES THREE-PHASE

Operating characteristics at 50 Hz



Hydraulic performance table

PUMP TYPE	RATED POWER		RATED CURRENT A	Q = DELIVERY									
	kW	HP		l/min	50	100	150	200	267	333	400	483	
400V 50Hz				m ³ /h	0	3	6	9	12	16,02	19,98	24	28,98
				H = TOTAL HEAD IN COLUMN OF WATER (METRES)									
J100ECT	0,55	0,75	1,1		14	12,3	11,1	9	6,2	2			
J150ECT	0,75	1	1,8		14	13,5	13,1	12,1	10,5	6,9	3,3		
J200ECT	1,1	1,5	2,4		17	15,8	15	14,3	13,3	10,7	7,2	3,4	
J250ECT	1,5	2	3,4		17	16,5	15,9	15,4	14,7	13,6	11,8	9,7	6,3

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AG SERIES Dimensions and weights

Technical drawings of the AG series pump. The front view shows a width of 194.6 mm. The side view shows a total length of 472 mm, a motor length of 340.8 mm, and a total height of 276 mm, with a motor height of 182 mm. The top view shows the circular motor housing.

PUMP TYPE	WEIGHT
	kg
AG8	9,1
AG10	9,0
AG14	9,0
AG16	9,0

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JEC SERIES Dimensions and weights

Technical drawings of the JEC series pump. The front view shows a width of 198.0 mm. The side view shows a total length of A mm, a motor length of 344.8 mm, and a total height of 310.6 mm, with a motor height of 200.5 mm and a base height of 15.0 mm. The top view shows the circular motor housing with four mounting points.

PUMP TYPE	LENGTH	WEIGHT
	A (mm)	kg
J100EC	548	11,8
J150EC	578	10,2
J200EC	578	12,0
J250EC	578	12,5
J100ECT	545	12,0
J150ECT	574	10,2
J200ECT	575	12,5
J250ECT	582	13,0

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