



ITT



## AG-JEC Series

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

### SPECIFICATIONS

**Delivery:** up to 30 m<sup>3</sup>/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



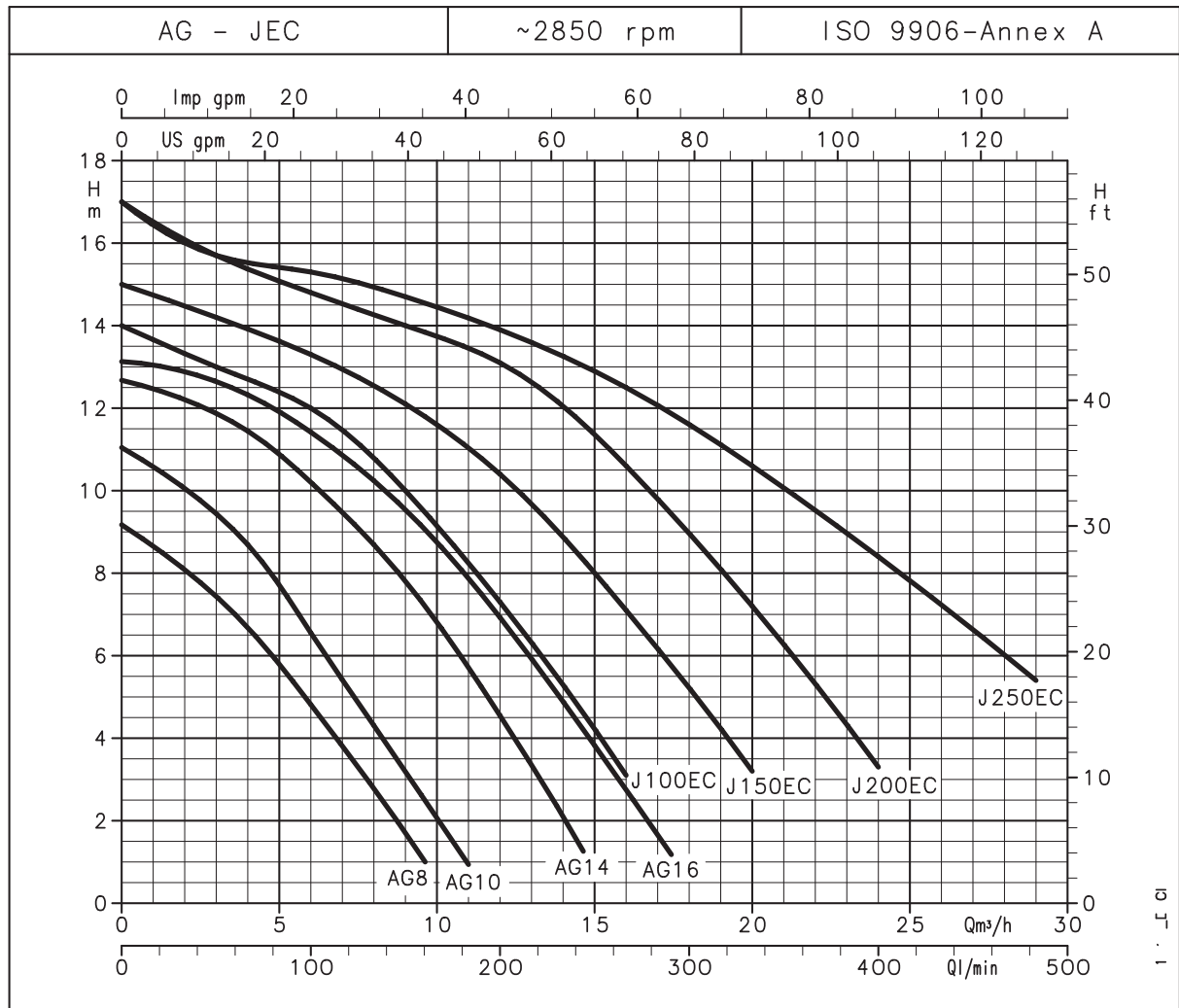


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General Catalogue

**AG-JEC SERIES SINGLE-PHASE  
OPERATING CHARACTERISTICS AT 50 Hz**



**HYDRAULIC PERFORMANCE TABLE**

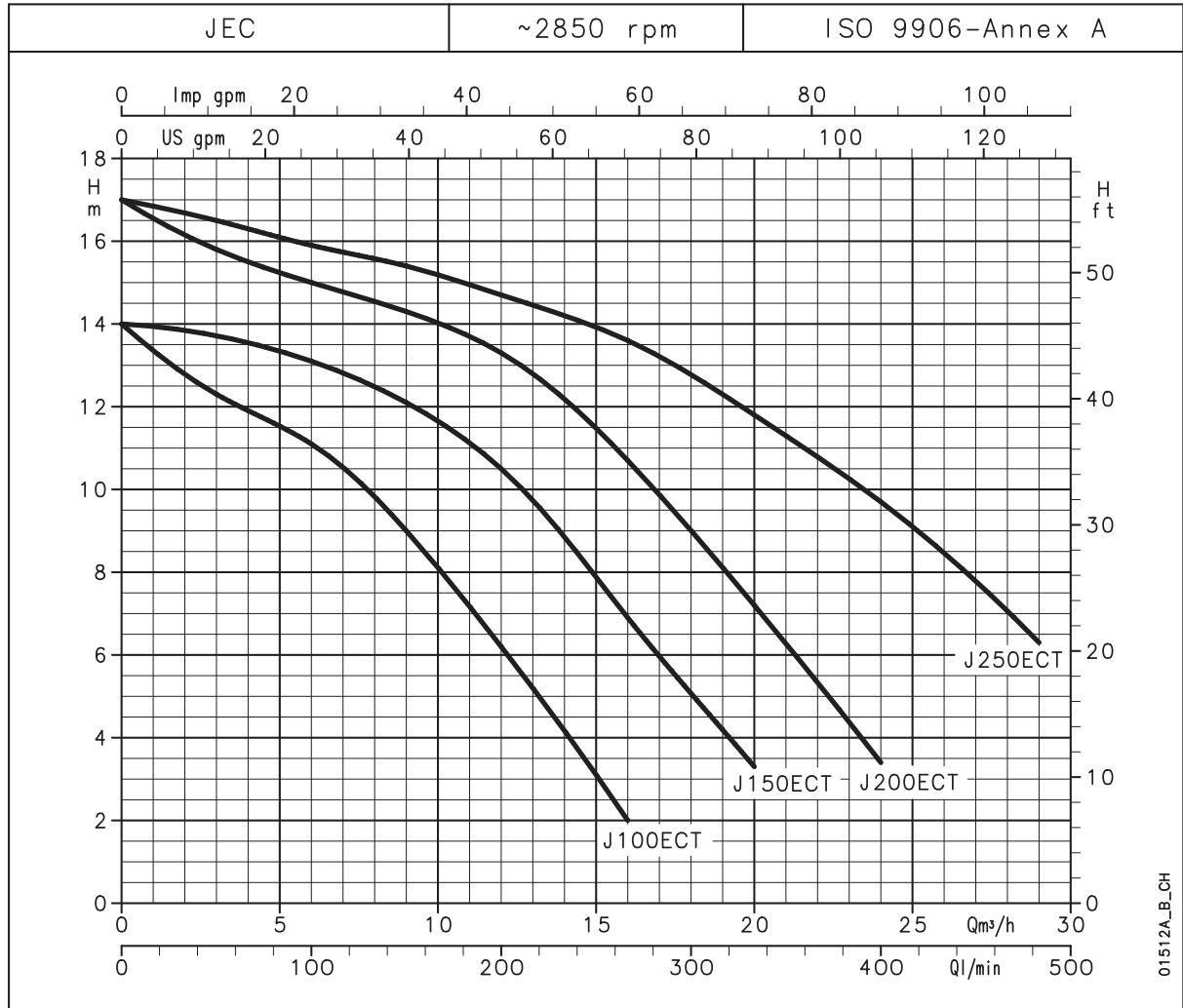
PUMP TYPE	RATED POWER		RATED CURRENT	CAPACITOR		Q = DELIVERY												
						l/min	50	100	150	200	267	333	400	483				
						0	3	6	9	12	16	20	24	29				
230V 50Hz	kW	HP	A	µF	V	H = TOTAL HEAD IN COLUMN OF WATER (METRES)												
AG8	0,3	0,4	1,45	10	420	9,2	7,5	4,8	1,7									
AG10	0,37	0,5	1,7	10	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				



## General Catalogue

### JEC SERIES THREE-PHASE OPERATING CHARACTERISTICS AT 50 Hz

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### HYDRAULIC PERFORMANCE TABLE

PUMP TYPE	RATED POWER		RATED CURRENT	Q = DELIVERY									
	kW	HP		A	l/min	0	50	100	150	200	267	333	400
400V 50Hz				m³/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	

ag-jec-3ph-2p50\_a\_th

*Engineered for life*



### AG SERIES - DIMENSIONS AND WEIGHTS

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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

PUMP TYPE	LENGTH A (mm)	WEIGHT 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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