



AG-JEC Serie

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

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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

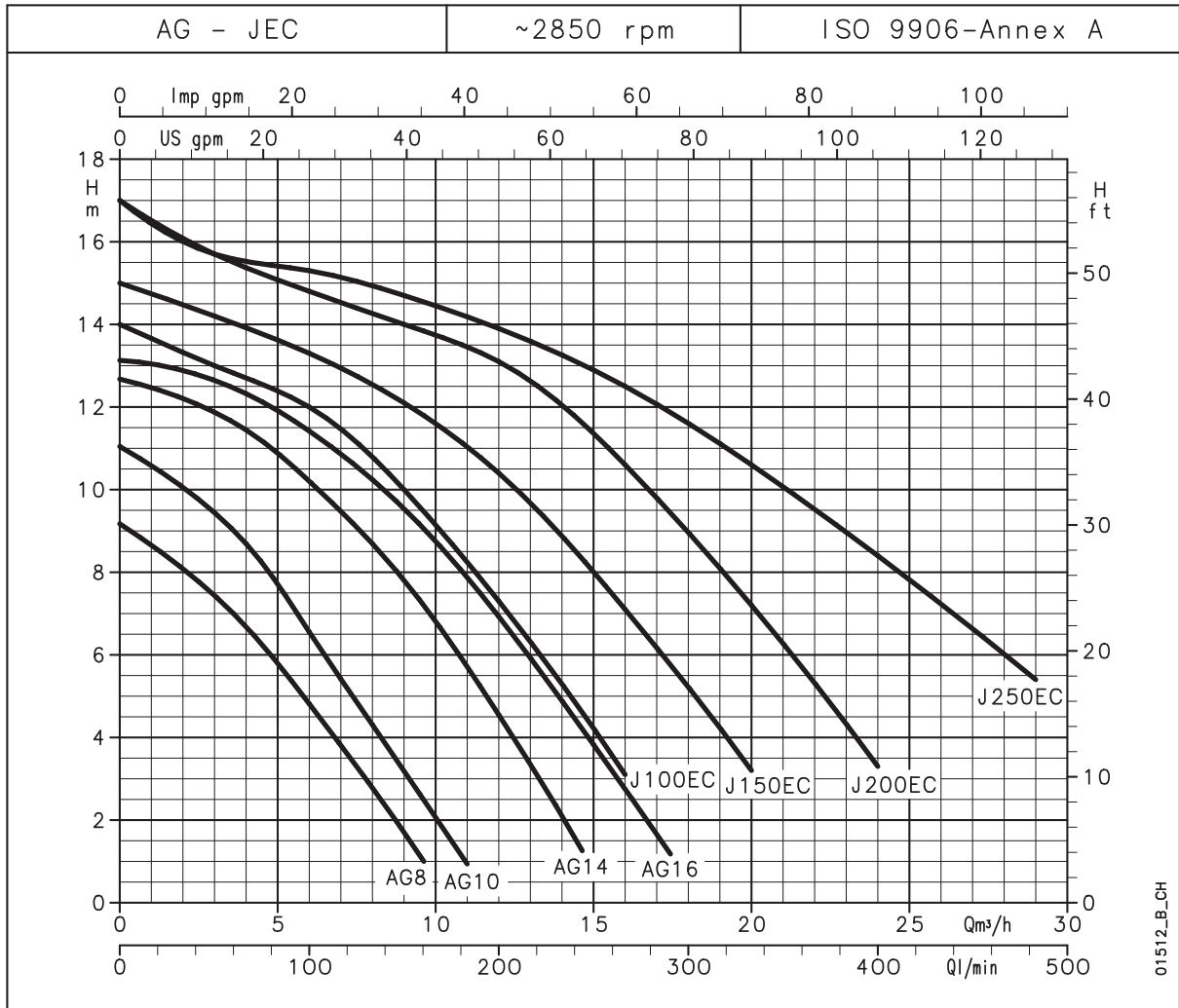


For a complete list of technical information, consult www.lowara.com

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



HYDRAULIC PERFORMANCE TABLE

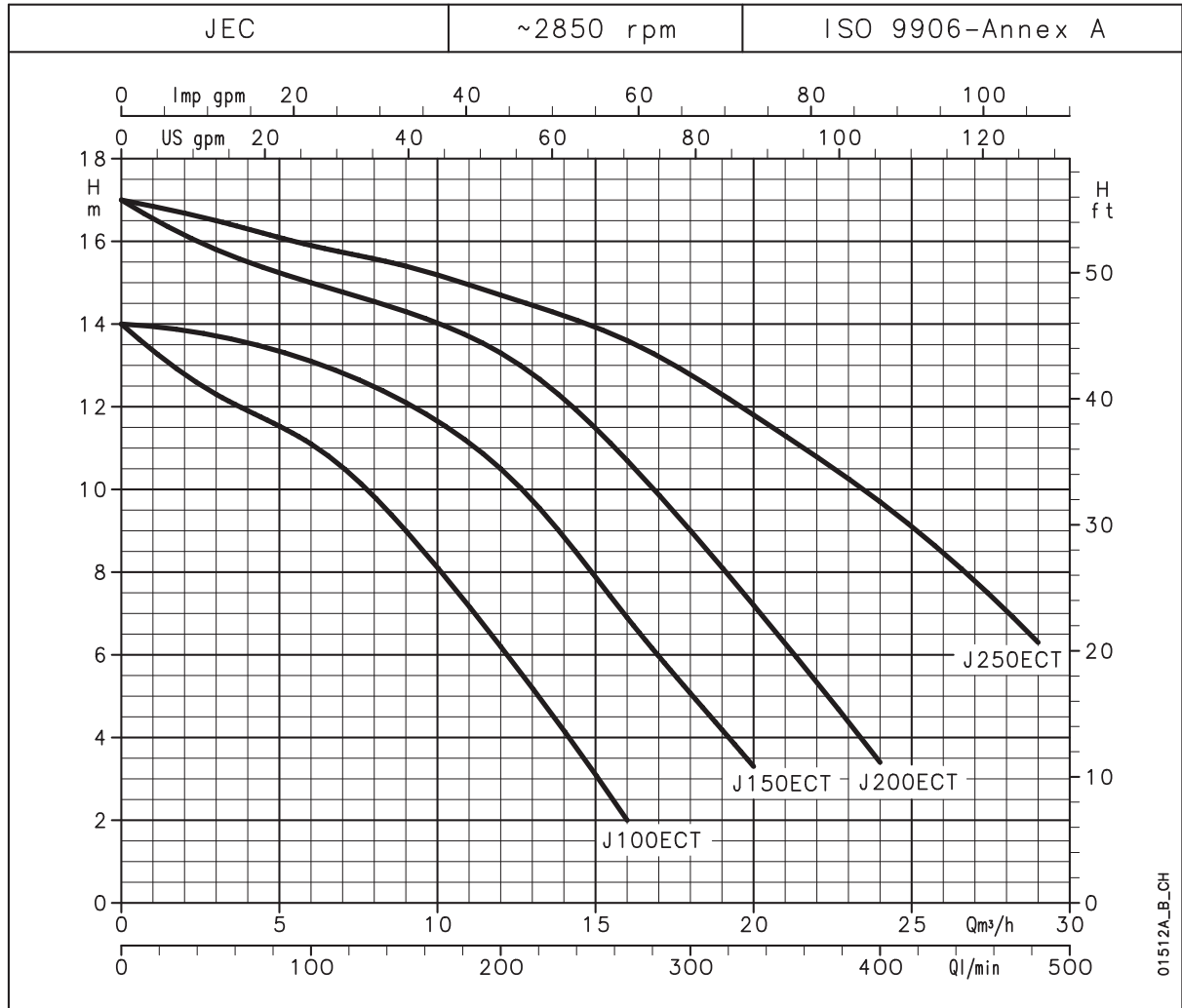
| PUMP TYPE | RATED POWER | | RATED CURRENT | CAPACITOR | | Q = DELIVERY | | | | | | | | | |
|--|-------------|------|---------------|-----------|-----|--------------|------|------|------|------|------|------|-----|-----|-----|
| | kW | HP | | μF | V | 0 | 50 | 100 | 150 | 200 | 267 | 333 | 400 | 483 | |
| 230V 50Hz | | | A | | | l/min | 0 | 50 | 100 | 150 | 200 | 267 | 333 | 400 | 483 |
| | | | | | | m³/h | 0 | 3 | 6 | 9 | 12 | 16 | 20 | 24 | 29 |
| 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 | 0 | 50 | 100 | 150 | 200 | 267 | 333 | 400 | 483 | |
| 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 | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

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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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