AQUACELL AE

AE 10-80

Article number 5646001000

Product page https://www.speck-neos.medienreaktor-kunden.de/en/p/ae-10-80-5646001000



Description

The fully automatic single-pump pressure booster systems are compact, quiet, and delivered fully wired and piped. All units feature fully automatic pump control without frequency control.

Areas of use

Drinking water supply Industrial water supply Process water supply Air conditioning systems Irrigation and watering

Version

Aquacell A, ZL With a non-self-priming, constant-speed, multistage centrifugal pump, including dry-run protection in the inlet line above 1.0 bar. Aquacell AE The systems are automatically switched on and off by a pressure transmitter located on the discharge side. An 8-liter diaphragm pressure accumulator is installed in the discharge line as a control tank. Electronic dry-run protection is integrated. The speed is controlled by a frequency converter mounted on the motor, including an LED display and keypad. Bluetooth monitoring is available via a smartphone app. Pumped medium Clear, even moderately aggressive liquids that do not chemically or mechanically attack the pump materials. Special designs Special voltages Special elastomers Special mechanical seals Higher fluid temperatures Larger systems

Material short text

Aquacell AE 10-80, Dr.

Technical data

Hydraulic power

Flow rate	10 m³/h
Head (min.)	68.321 – 91.774 mWS
Flow rate of standby pump	0 m³/h
Operating pressure max.	16 bar
Number of pumps	1 St

Motor & drive

Speed (max.)	2,850 min-1
Motor phases	3~
Degree of protection	IP 55
Insulation class	F

Electrics

Power output P_2 (max.)	3 kW
Voltage (max.)	3~ 230/400 V ± 10 %
Input voltage	400 V
Frequency	50 Hz

Energy efficiency

Energy efficiency class	IE3

Operating conditions & water

Ambient temperature (min.)	40 ° C

Connections & piping

Connection, inlet / suction side	2 Rp
Connection, discharge side	1 ½ R

Dimensions & logistics

Net weight	68 kg
Gross weight	83 kg
Customs tariff number	84798997