

MULTI EVO-E

FREQUENCY CONVERTER - SINGLE PHASE

- High reliability - thanks to the durable and innovative design
- Quiet operation - improved user comfort thanks to its quiet operation
- Compact dimensions
- Many possible uses for the residential market
- Excellent priming capacity



DESCRIPTION

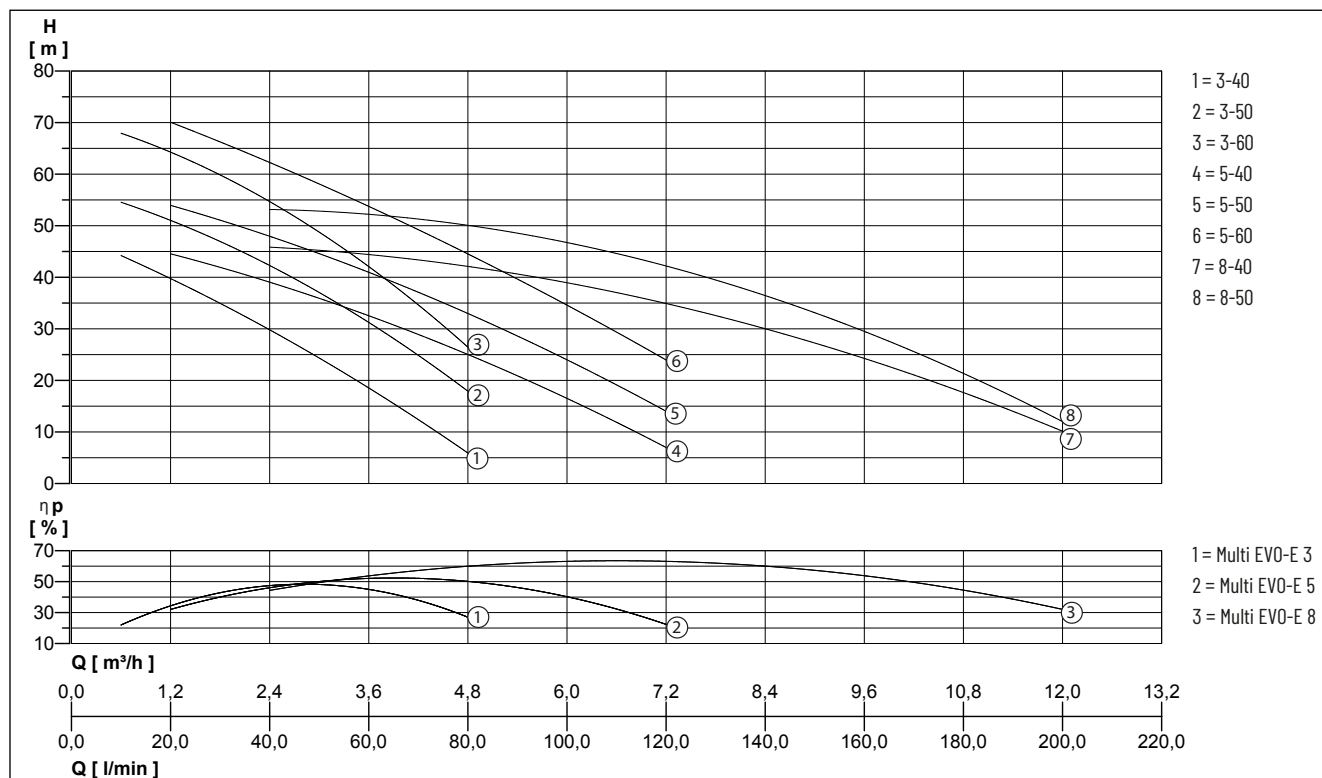
The system consists of a multi-stage centrifugal horizontal pump Multi EVO-E and an electronic control system (inverter) which allows to keep the pressure constant in the system, reducing or increasing the speed of rotation of the pump.

All models are certified for use with drinking water (ACS)

APPLICATIONS

- Pressurization and supply
- Irrigation
- Use of rainwater
- Washing systems

PERFORMANCE



We reserve the right to change specifications without notice. Pump performance is subject to ISO 9906 ISO 9906:2012 - Grade 3B tolerances.

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Type	Flow rate Q [m³/h]	0.6	1.2	1.8	2.4	3	3.6	4.8	6	7.2	8.4	9.6	10.8	12
MULTI EVO-E 3-40	Delivery head H [m]	44.0	40.0	35.0	30.0	24.0	18.5	6.0						
MULTI EVO-E 3-50		54.5	51.0	47.0	42.5	37.0	31.0	18.0						
MULTI EVO-E 3-60		68.0	64.0	60.0	55.0	48.5	42.0	26.5						
MULTI EVO-E 5-40			44.5	42.0	39.0	36.0	32.5	25.0	16.5	7.0				
MULTI EVO-E 5-50			54.0	51.0	48.0	44.5	41.0	33.0	24.0	14.0				
MULTI EVO-E 5-60			70.0	66.5	62.0	58.0	54.0	44.5	34.5	24.0				
MULTI EVO-E 8-40					46.0	45.0	44.5	42.0	39.0	35.0	30.0	24.0	18.0	10.0
MULTI EVO-E 8-50					54.0	53.0	52.0	49.0	46.0	42.0	36.5	30.5	23.5	16.5

MECHANICAL DATA

Shaft	Stainless steel Europe: EN10088-1 X5CrNi18-10 (1.4301) USA: AISI 304	Mechanical seal Counterface	Carbon graphite / NBR / SS Ceramic / NBR
Impeller	PPO reinforced with fibreglass	Operating pressure max.	8 bar
Motor housing	Die-cast aluminium	Type of liquid	clean water without suspend- ed solids or abrasive material
Pump housing	Stainless steel Europe: EN10088-1 X 5 CrNi 1810 (1.4301) USA: AISI 304	Temperature of the liquid max.	50 °C
Diffuser	PPO reinforced with fibreglass	Saughöhe max.	6 m
		Gasket	NBR 70 Shore A

ELECTRICAL DATA

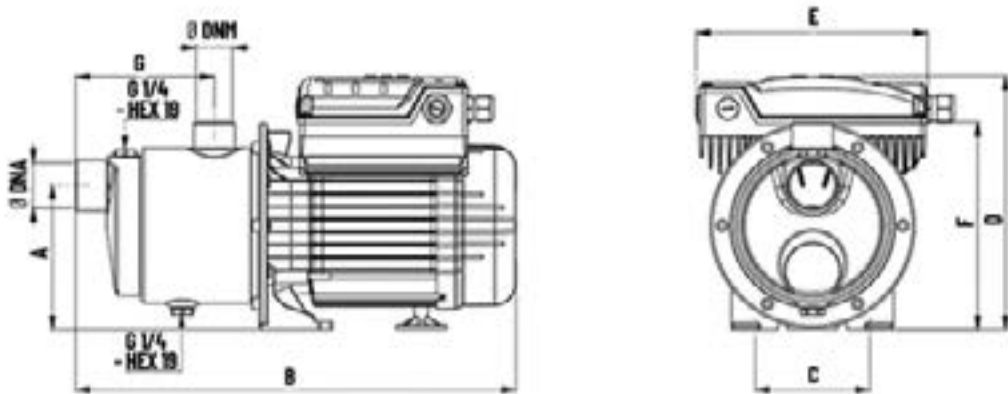
Voltage	1/N/PE~230 V	Ambient temperature max.	40 °C
Type of enclosure	IP 55	Rotation speed	2850 rpm
Insulation class	F		

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Type	Code No.	Motor rating		Current	Weight
		P1	P2		
MULTI EVO-E 3-40	N42E2540	0.80 kW	0.50 kW	5.1 A	10.0 kg
MULTI EVO-E 3-50	N42E2151	1.00 kW	0.75 kW	7.0 A	12.1 kg
MULTI EVO-E 3-60	N42E2162	1.35 kW	0.95 kW	8.7 A	13.4 kg
MULTI EVO-E 5-40	N42E4140	1.00 kW	0.75 kW	7.0 A	12.2 kg
MULTI EVO-E 5-50	N42E4151	1.25 kW	0.90 kW	8.5 A	13.0 kg
MULTI EVO-E 5-60	N42E4162	1.80 kW	1.30 kW	11.5 A	14.5 kg
MULTI EVO-E 8-40	N42E7140	1.70 kW	1.20 kW	11.0 A	15.0 kg
MULTI EVO-E 8-50	N42E7151	2.00 kW	1.40 kW	13.0 A	16.7 kg

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DIMENSIONS [mm]

Type	A	B	C	D	F	G	DNA	DNM	E
MULTI EVO-E 3-40	129	360	100	211	180	116	1"	1"	198
MULTI EVO-E 3-50	129	377	100	220	180	116	1"	1"	198
MULTI EVO-E 3-60	129	377	100	220	180	116	1"	1"	198
MULTI EVO-E 5-40	125	380	100	220	180	119	1 1/4"	1"	198
MULTI EVO-E 5-50	125	380	100	220	180	119	1 1/4"	1"	198
MULTI EVO-E 5-60	125	413	100	230	180	119	1 1/4"	1"	198
MULTI EVO-E 8-40	125	430	100	230	187	137	1 1/4"	1 1/4"	198
MULTI EVO-E 8-50	125	430	100	230	187	137	1 1/4"	1 1/4"	198

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