

SUBMERSIBLE INOX PUMP

AQUAPULSE

Vertical multistage submersible monoblock electric pump, suitable for 5-inch wells

PUMP HEAD: 34 mt. ÷ 85 mt.

DELIVERY: 5,4 m³/h ÷ 8,1 m³/h

RATED HORSEPOWER:

0,6 kW (0,8 HP) ÷ 1,5 kW (2 HP)

APPLICATIONS

- Civil and industrial water distribution system
- Pressure boosting installations
- Water lifting from rainwater tanks, reservoirs
- 5" wells, Roman wells, basins
- Irrigation and sprinkler systems.



Indirizzo / Address

Via Palermo n°30/3 20053 - Rodano (MI) - Italia

Tel. / Phone

+39 379 1305072

Email

info@pmtechconsulting.it

Website

www.pmtechproducts.com
www.pmtechconsulting.it

P.Iva / VAT: IT13416610965



SUBMERSIBLE INOX PUMP AQUAPULSE-E



AQUAPULSE-E



AQUAPULSE-E
RAIN

PUMP HEAD: 34 mt. ÷ 61 mt.

DELIVERY: 5,4 m³/h ÷ 6 m³/h

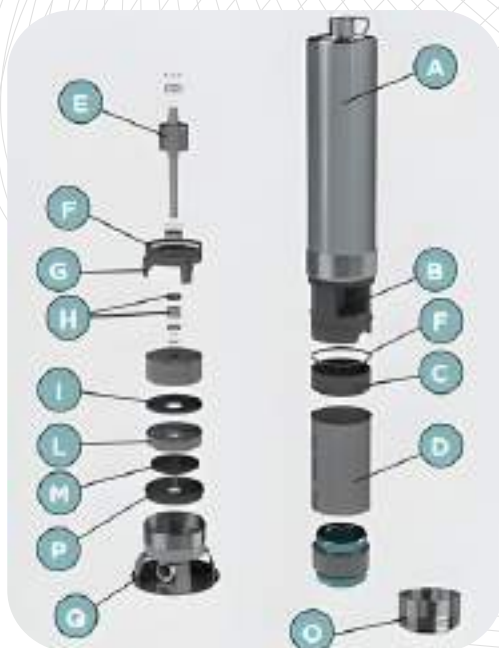
RATED HORSEPOWER:

0,6 kW (0,8 HP) ÷ 0,9 kW (1,2 HP)

DESIGN & ENGINEERING

- Oil filled motor (non-toxic) for cooling and bearing lubrication
 - Maximum immersion depth: 20 m
 - Protection class: IP68
 - Insulation class: F
 - Maximum liquid temperature: 35 °C
 - Version: Single phase 220–230V/50 Hz, with built-in pump control
 - Standard cable length: 10 m with or without plug (20 m on request)
- H07RN-F

AQUAPULSE-E



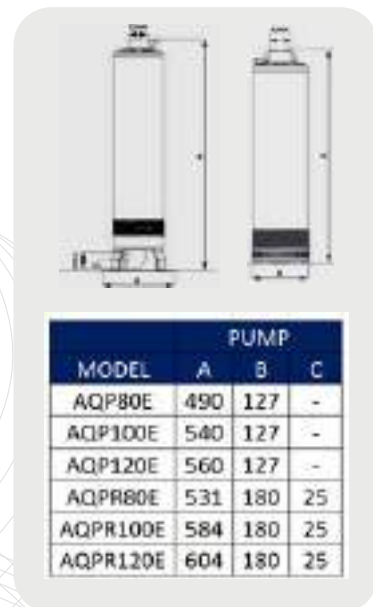
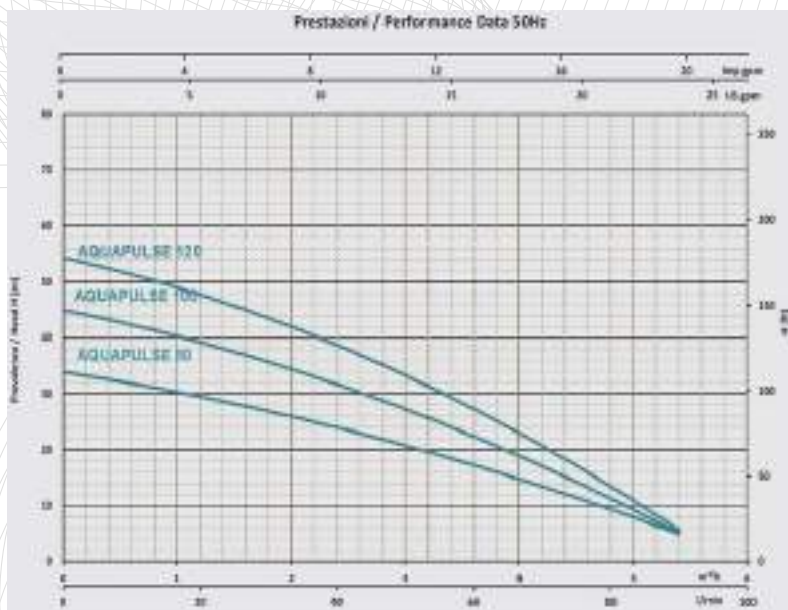
AQUAPULSE-E RAIN

Pos.	COMPONENT	Material
A	External housing	Din 1.4301 / Stainless steel
B	Cover	Technopolymer
C	Bearing holder shield	Technopolymer
D	Motor holder	Din 1.4301 / Stainless steel
E	Shaft	Din 1.4301 / Stainless steel
F	O-ring	NBR
G	Lower flange	Cast iron
H	Mechanical seal	Graphite - Allumina
I	Diffuser plate	Technopolymer
L	Diffuser	Technopolymer
M	Impeller	Technopolymer
O	Suction base	Din 1.4301 / Stainless steel
P	Centering disc	Technopolymer
Q	Suction base (rain)	Din 1.4301 / Stainless steel

SUBMERSIBLE INOX PUMP AQUAPULSE-E

TECHNICAL NOTES

- Customized voltage and frequency ratings available on request
- Performance data based on pumped liquid with density $\rho = 1.0 \text{ kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$
- To avoid frequent restarts and for greater energy savings, it is necessary to install min 0,16l tank. We suggest 8 or 24 liter tank.
- DNM for all models: 1" 1/4 and DNA for AQUAPULSE-R: 1"



CODE	MODEL	ELECTRICAL DATA								
		Phase	Volt	Hz	P. ASS.	I ASS.	P nom.	Capacitor		
					KW	A	KW	HP	μF	
AQP80/E	AQUAPULSE 80 E	1-	230	50	0,85	5,2	0,6	0,8	30	450
AQP100/E	AQUAPULSE 100E	1-	230	50	1,2	5,7	0,75	1	25	450
AQP120/E	AQUAPULSE 120 E	1-	230	50	1,35	6	0,9	1,2	25	450
AQPR80/E	AQUAPULSE - R 80 E	1-	230	50	0,9	5,2	0,6	0,8	30	450
AQPR100/E	AQUAPULSE - R 100 E	1-	230	50	1,2	5,7	0,75	1	25	450
AQPR120/E	AQUAPULSE - R 120 E	1-	230	50	1,35	6	0,9	1,2	25	450

		HYDRAULIC DATA											
		m³ / h	0	1	1,2	1,8	2,4	3	3,6	4,2	4,8	5,4	6
CODE	MODEL	l/min	0	10	20	30	40	50	60	70	80	90	100
AQP80/E	AQUAPULSE 80 E	H (m)	35	33	31	28,5	25	22	18	14	9,5	4	-
AQP100/E	AQUAPULSE 100E		51	49	47	44	40	36	31	26	20	12,5	4
AQP120/E	AQUAPULSE 120 E		62	60	56,5	52,5	48	43	38	31,5	24	15	4
AQPR80/E	AQUAPULSE - R 80 E		35	33	31	28,5	25	22	18	14	9,5	4	-
AQPR100/E	AQUAPULSE - R 100 E		51	49	47	44	40	36	31	26	20	12,5	4
AQPR120/E	AQUAPULSE - R 120 E		62	60	56,5	52,5	48	43	38	31,5	24	15	4