

PQA

turbine pump with
high performance
technopolymer pump body
with peripheral impeller
and lateral suction



RANGE OF PERFORMANCE

Capacity up to 296 ft
Head up to 13 ft

LIMITS OF USE

Manometric suction lift up to 26 ft
Liquid temperature up to 194°F
Environment temperature up to 104°F

CONSTRUCTION AND SAFETY STANDARDS

EN 60034-1
IEC 34-1
CEI 2-3



INSTALLATION AND USE

They are recommended for pumping clean water without abrasive particles and liquids that are chemically non aggressive to the materials from which the pump is made.

NON-FERROUS CONSTRUCTION WITH WETTED PARTS IN HIGH PERFORMANCE TECHNOPLYMER AND BRASS TO ELIMINATE THE POSSIBILITY OF CORROSION.

CONSEQUENTLY THEY ARE RECOMMENDED FOR INDUSTRIAL APPLICATIONS INCLUDING COOLING, CONDITIONING AND BOILER FEED.

It is recommended to install the pumps in enclosed, or at least protected against inclement weather.

GUARANTEE 2 YEAR subject to our general terms of sale.

CONSTRUCTION CHARACTERISTICS

PUMP BODY: high-performance technopolymer with metal threaded port insert ISO 228-1 for secure pipe connection without damage to the pump body.

BODY BACK-PLATE: brass .

MOTOR BRACKET (patent n° 1289150): aluminium with brass insert; eliminates seizure of the impeller after long periods of inactivity.

IMPELLER: brass, of the type with radial peripheral vanes.

MOTOR SHAFT: stainless steel EN 10088-3 - 1.4104.

MECHANICAL SEAL: ceramic - graphite - NBR.

ELECTRIC MOTOR: the pumps are close-coupled to a carefully matched PEDROLLO electric motor, quiet running, totally enclosed fan cooled (TEFC), suitable for continuous duty.

PQA: single-phase 115 or 230V - 60 Hz with capacitor and thermal overload protector.

PQA: three-phase 230/460 V - 60 Hz.

INSULATION: class F. • **PROTECTION:** IP 44.

REGISTERED MODEL

OPTIONS ON REQUEST

pump shaft in stainless steel EN 10088-3 - 1.4401 (AISI 316)
special mechanical seal
protection IP 55
other voltages or frequency 60 Hz



tech.support (954) 474 9090

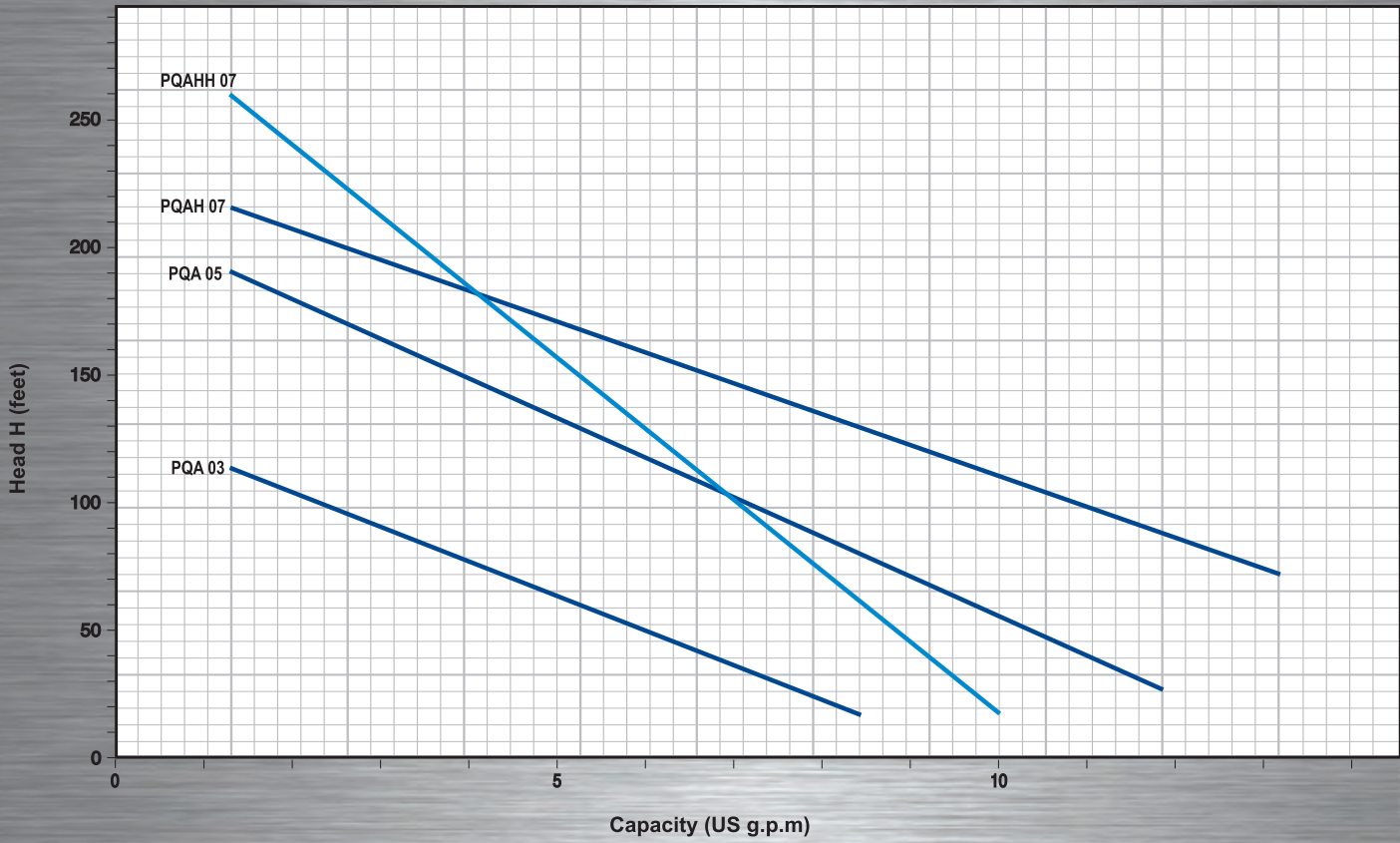


www.pedrollousa.com



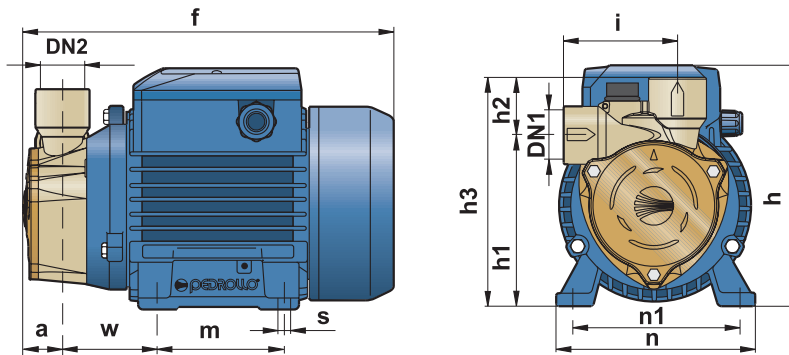
customerservice@pedrollousa.com

CURVES AND PERFORMANCE DATA



MODEL		HP	CAPACITY GPM												
1 PH	3 PH			0	0.5	1.2	2.7	4	5.2	6.6	8	8.5	10	12	13
PQA 03	PQA 03	0.33	H Feet	131	125	115	95	77	59	41	23	16			
PQA 05	PQA 05	0.5		214	204	191	171	149	130	108	89	79	54	26	
PQA 07	PQA 07	0.7		214		204	187	171	154	138	123	117	97	74	59
PQA 07H	PQA 07H	0.7		230	217	204	184	163	141	122	102	92	67	39	
PQA 07HH	PQA 07HH	0.7		230		217	200	184	168	151	136	130	123	87	72
PQA 07HH	PQA 07HH	0.7		296	283	260	223	186	149	112	76	61	16		

DIMENSIONS AND WEIGHTS



MODEL		DISCH		DIMENSIONS INCHES												LBS		
1 PH	3PH	DN1	DN2	a	f	h	h1	h2	h3	i	m	n	n1	w	s	1~	3~	
PQA 60	PQA 60	1/2"	1/2"	1.0	8.9	6.0	4.1	1.3	5.4	2.9	3.1	4.7	3.9	2.2	0.3	16.6	10.6	
PQA 70	PQA 70			1.1	10.2	7.0	4.6									5.9	2.9	3.5
PQA 72	PQA 72	1"	1"				4.8	1.2	3.3	22.9	20.7							
PQA 80	PQA 80	1/2"	1/2"				4.6	1.3	2.9	23.2	21.0							
PQA 82	PQA 82	1"	1"				4.8	1.2	3.3									
PQA 90	PQA 90	1/2"	1/2"		10.1			1.4	6.1	3.0								