

AR

stainless steel
centrifugal end
suction pump



RANGE OF PERFORMANCE

Maximum capacity 47 gpm
Maximum head 105 ft

LIMITS OF USE

Manometric suction lift up to 23 ft
Liquid temperature up to + 195°F
Environment temperature up to + 130°F

CONSTRUCTION AND SAFETY STANDARDS

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



INSTALLATION AND USE

It is recommended for pumping clean water and liquids that are chemically non aggressive to the materials from which the pump is made.

THE CONSTRUCTION OF THESE CENTRIFUGAL PUMPS MAKES THEM SUITABLE FOR USE IN THE DOMESTIC, AGRICULTURAL AND INDUSTRIAL SECTOR. ALL THE WETTED PARTS ARE IN STAINLESS STEEL AISI 340 TO GUARANTEE TOTAL HYGIENE AND MAXIMUM RESISTANCE TO CORROSION.

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

GUARANTEE 2 YEAR subject to our general terms of sale.

CONSTRUCTION CHARACTERISTICS

PUMP BODY: stainless steel AISI 304, with threaded ports.

BODY BACK-PLATE AND DIFFUSER: AISI 304.

IMPELLER: stainless steel AISI 304, of the type with centrifugal radial flow.

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.

AR 10: single-phase 115 V or 230 V - 60 Hz with capacitor and thermal overload protector.

AR 10: three-phase 230/460 V - 60 Hz.

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

REGISTERED MODEL n° 72753.

OPTIONS ON REQUEST

version in stainless steel **EN 10088-3 - 1.4401 (AISI 316)**
special mechanical seal
other voltages or frequency 50 Hz

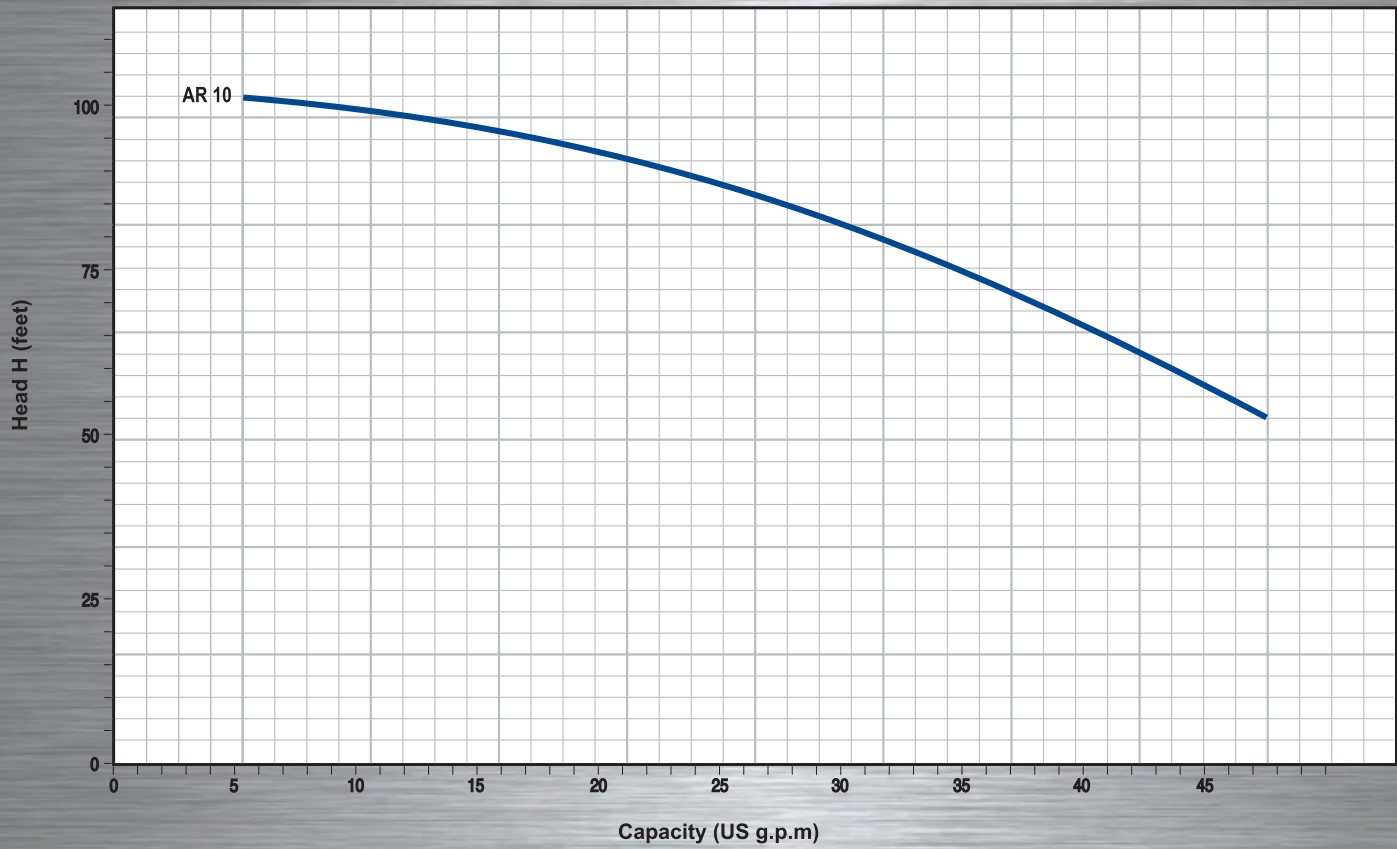


tech.support (954) 474 9090

www.pedrollousa.com

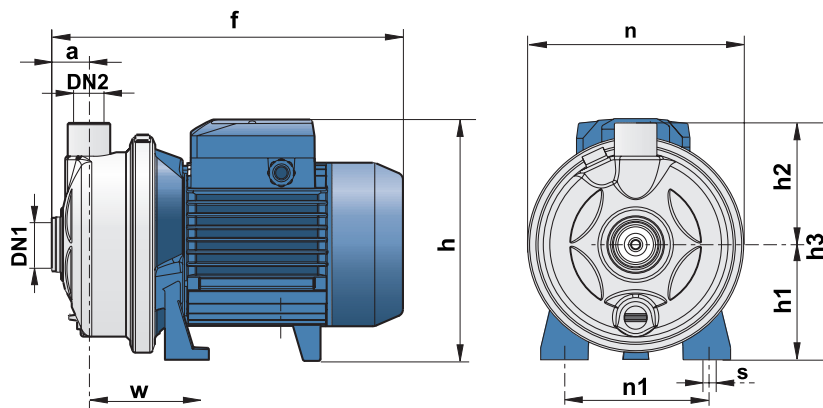
customerservice@pedrollousa.com

CURVES AND PERFORMANCE DATA



MODEL		HP	CAPACITY GPM	H Feet																	
1 PH	3 PH			0	5	7	10	13	15	18	21	23	26	29	31	34	37	39	42	45	47
AR 10	AR 10	1.0	H Feet	105	102	101	100	99	97	95	92	90	87	83	80	76	72	68	63	58	53

DIMENSIONS AND WEIGHTS



MODEL		DISCH		DIMENSIONS INCHES										LBS	
1 PH	3PH	DN1	DN2	a	f	h	h1	h2	h3	n	n1	w	s	1~	3~
AR 10	AR 10	1 1/4"	1"	1.2	11.6	8.1	3.8	4.1	7.9	7.2	4.5	3.7	0.4	20.1	