

DH

effluent submersible pump

DRAINAGE submersible pumps for professional use, particularly reliable with generous motor specification and hard-faced mechanical seal.



RANGE OF PERFORMANCE

Capacity up to 79 gpm
Head up to 89 ft

LIMITS OF USE

Depth up to 15 ft
Liquid temperature up to 104° f
Solid Handling up to 3/8"
Drainage level 1/2" from the bottom
For continuous duty: minimum immersion 8.5" from pump base

CONSTRUCTION AND SAFETY STANDARDS

EN 60 335-1 EN 60034-1
IEC 335-1 IEC 34-1
CEI 61-150 CEI 2-3



INSTALLATION AND USE

DESIGNED FOR DRAINING CLEAR OR SLIGHTLY DIRTY WATER WITH SMALL SOLIDS, THEY ARE RECOMMENDED FOR DOMESTIC, CIVIL AND PROFESSIONAL USE, FOR DRAINING FLOODED AREAS SUCH AS CELLARS AND GARAGES OR FOR EMPTYING SWIMMING POOLS OR TANKS AND FOR DISPOSING OF NON-SEWAGE WASTE WATER. THESE PUMPS ARE OUTSTANDING IN THEIR RELIABILITY IN FIXED INSTALLATIONS WITH AUTOMATIC OPERATION.

GUARANTEE 2 YEAR subject to our general terms of sale.

CONSTRUCTION CHARACTERISTICS

DELIVERY BODY: cast iron, with threaded port.
MOTOR CASING: stainless steel AISI 304.
SUCTION GRID: stainless steel AISI 304.
IMPELLER: open type, in glass filled technopolymer
MOTOR SHAFT: stainless steel EN 10088-3 - 1.4104.
DOUBLE SEAL: mechanical seal silicon carbide - NBR, with oil barrier chamber and inner lip seal to protect the seal in the event of dry running.
MOTOR: submersible asynchronous for continuous duty.
DH: single-phase 115 V or 230 V - 60 Hz with capacitor and thermal overload protector.
DH: three-phase 230V - 60 Hz.
INSULATION: class F. • **PROTECTION:** IP 68.

STANDARD FEATURES:

- DH (single-phase) Float switch.
Neoprene power cord "H07 RN-F", 30 Ft
- DH (three-phase) Neoprene power cord
"H07 RN-F", 30 Ft

OPTIONS ON REQUEST

15 ft power cord.
single-phase pumps without float switch
other voltages or frequency 50 Hz

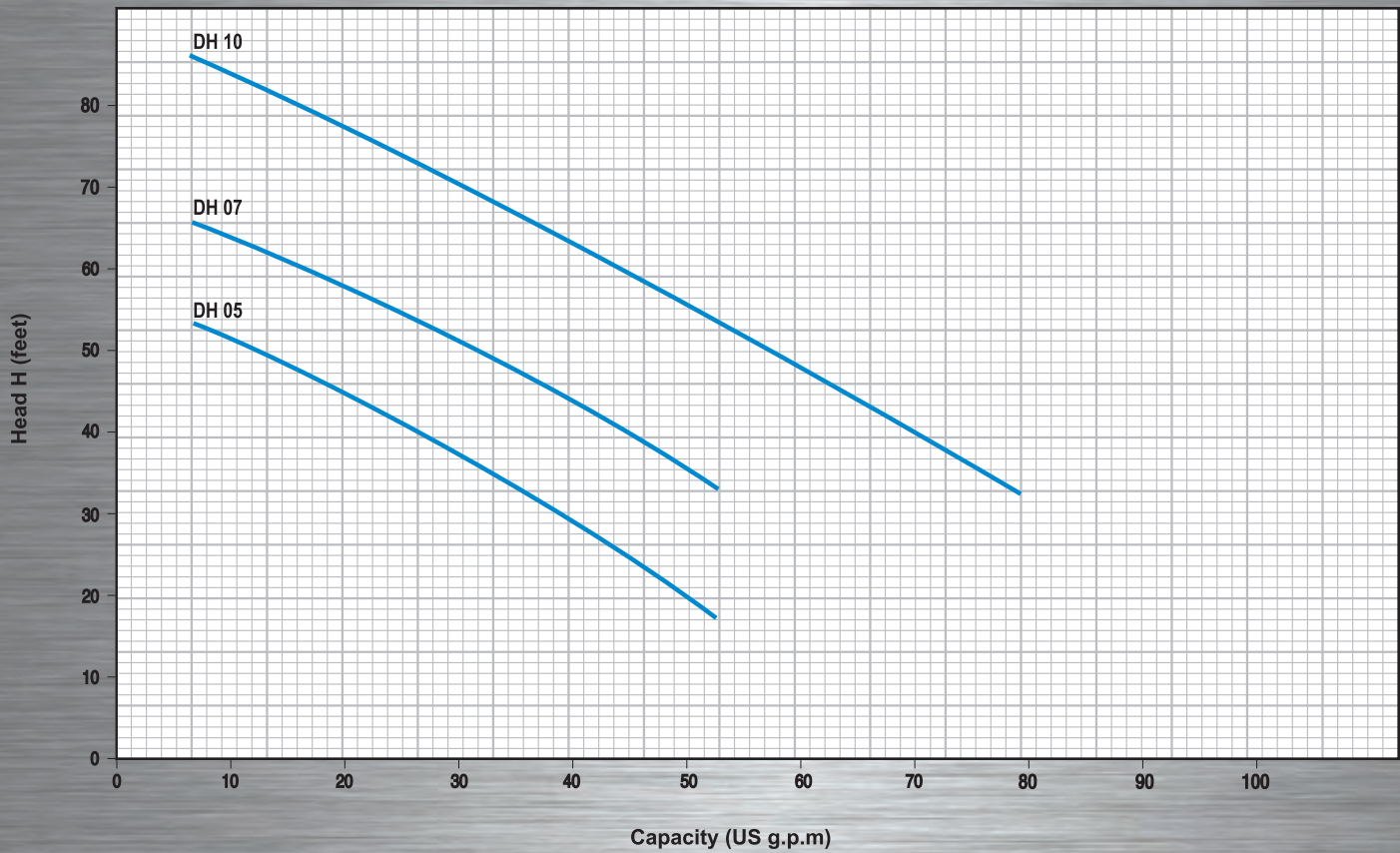


tech.support (954) 474 9090

www.pedrollousa.com

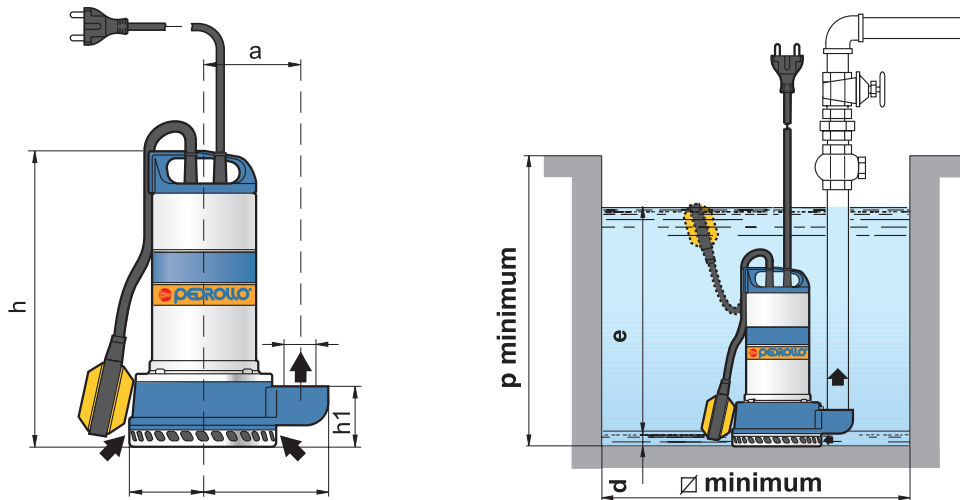
customerservice@pedrollousa.com

CURVES AND PERFORMANCE DATA



MODEL		HP	CAPACITY GPM	H Feet															
1 PH	3PH			0	7	13	20	26	33	40	46	53	60	66	73	79			
DH 05	DH 05	0.5		56	54	49	44	39	35	30	25	16							
DH 07	DH 07	0.7		69	66	62	57	52	49	44	39	33							
DH 10	DH 10	1		89	85	82	77	72	69	64	59	52	48	43	38	33			

DIMENSIONS AND WEIGHTS



MODEL		DISCH	DIMENSIONS INCHES									LBS	
1 PH	3 PH	DN	a	b	c	h	h1	d	e	p	min	1~	3~
DH 05		1 1/2"	4.1	3.1	5.3	12.6	2.6	0.5	Adjustable	19.7	19.7	27	
DH 07	DH 07											29	26
DH 10	DH 10											34	31