

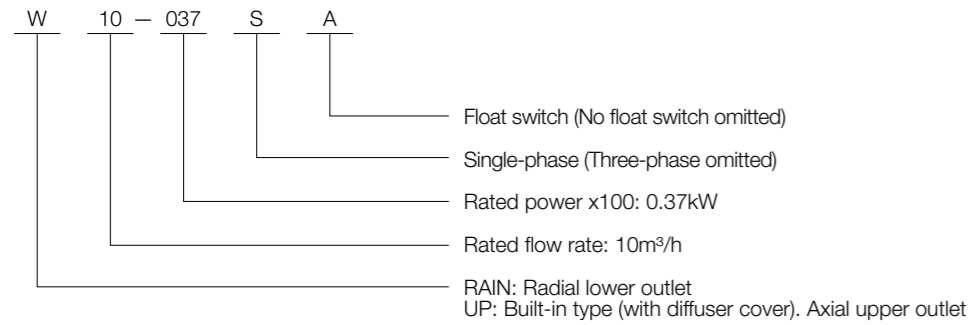
hydroo[®]

**WDROO SERIES
WUP, WRAIN
50HZ**

**Lightweight Stainless Steel
Drainage Pumps**



Model definition



Structure feature

All stainless steel, rusty proof, corrosion resisting;
WRain, WUP Series stainless steel structure, light weight, easy operation, motor pump in a whole, dual mechanical seal, high efficiency.
These pumps design allows a trustful, troubleless pump generation for domestic applications. Easy to transport.

Operating conditions

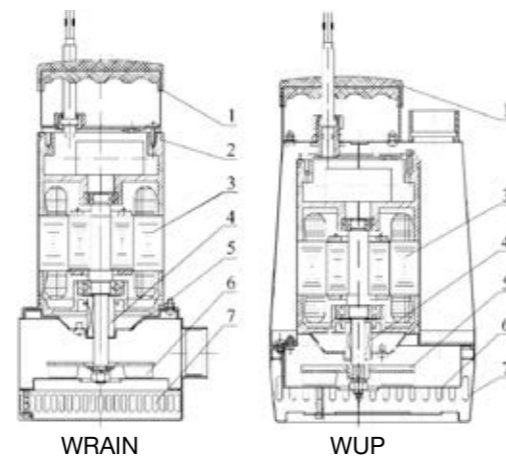
Submersible pump, max submerged depth is 5 m;
Max. temperature of pumped liquid: 40°C;
Solids diameter should be less than 10 mm;
Motor: Insulation class F, protection class: IP68;
Single phase pump, with capacitor and protection;
PH range 4-10;
Double mechanical seal: CSI/CSI; Graphit/CSI
Others: Standard cable length is 9 m, flow switch is optional for single phase pump.
Very low pumping flowded suction head for all models, down to 5 mm.

Applications

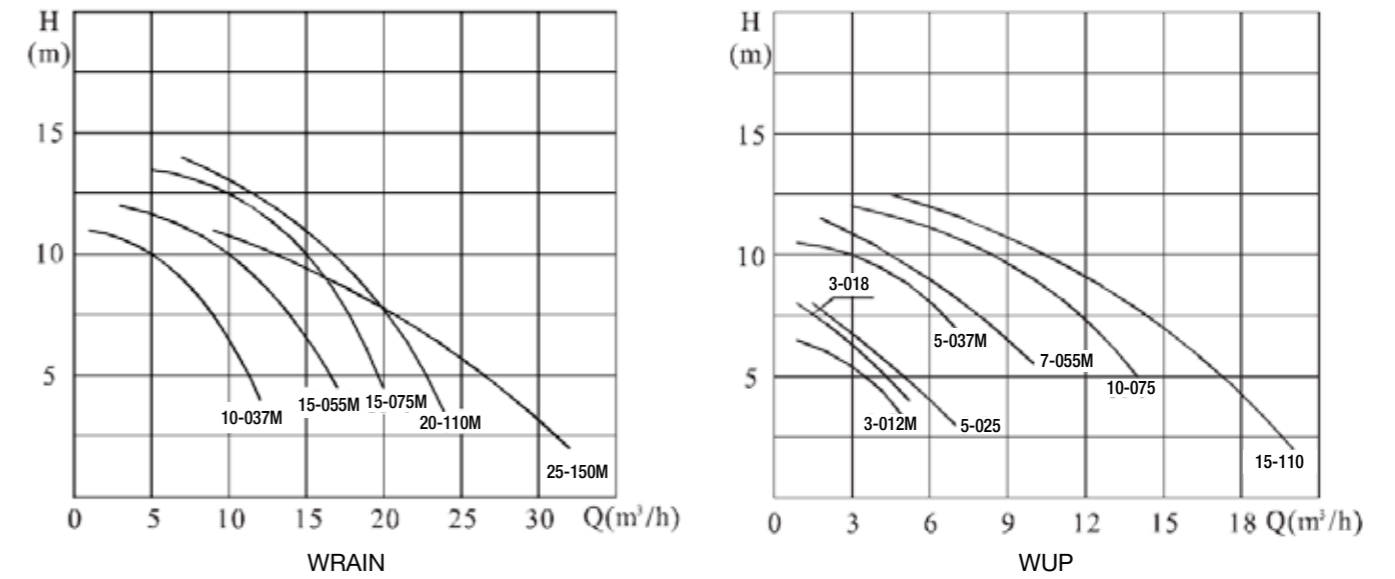
Garden irrigation, cultivation, municipal flood drainage and fountain;
Sea water or similar as water which contains normal corrosive liquid;
Drainage for river water, lake, rain water, pool water drainage, grey waters, improvement and temporary installations.

Structure, material

SN	Name	Material
1	Handle	PP+GF
2	Upper cover	SS304
3	Double mechanical seal	Sealing Washer: NBR Motor terminal: GR/SIC Pump Side: SIC/SIC
4	Casing	SS304
5	Impeller	SS304
6	Strainer	SS304
7	Base	SS304



Performance scope

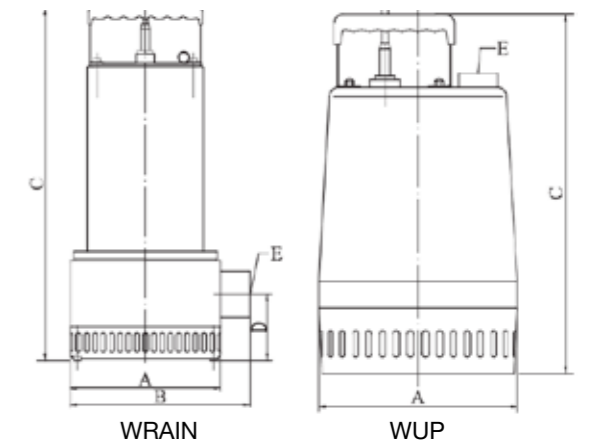


Technical parameters

Model	Flow rate at BEP (m ³ /h)	Head at BEP m	Power kW	Voltage V	Amperage A	Discharge mm	Weight kg
WRain10-037S	10	7.5	0.37	230	4.2	G1.5°F	12
WRain15-055S	15	7.5	0.55	230	5.0	G1.5°F	13
WRain15-075	15	10	0.75	230/400	5.4/2	G1.5°F	14
WRain20-110	20	7.5	1.1	230/400	6.5/2.6	G2°F	15
WRain 25-150	25	6	1.5	230/400	10.2/3.6	G2°F	17
WUP3-012S	3	5	0.12	230	1.6	G1.25°F	6
WUP3-018S	3	7	0.18	230	1.7	G1.25°F	6
WUP5-025S	5	5	0.25	230	2.0	G1.25°F	7
WUP5-037S	5	10	0.37	230	4.2	G1.5°F	9
WUP7-055S	7	9.5	0.55	230	5.0	G1.5°F	14
WUP10-075	10	9	0.75	230/400	5.4/2	G1.5°F	14
WUP15-110	15	7	1.1	230/400	6.5/2.6	G1.5°F	16

Simplified drawing and installation dimensions

Model	A mm	B mm	C mm	D mm	E
WRain10-037S	170	195	360	68	G1.5°F
WRain15-055S	170	195	360	68	G1.5°F
WRain15-075	170	195	385	68	G1.5°F
WRain20-110	170	210	385	68	G2°F
WRain25-150	170	210	405	68	G2°F
WUP3-012S	130	-	280	-	G1.25°F
WUP3-018S	130	-	280	-	G1.25°F
WUP5-025S	150	-	290	-	G1.25°F
WUP5-037S	220	-	360	-	G1.5°F
WUP7-055S	220	-	360	-	G1.5°F
WUP10-075	220	-	380	-	G1.5°F
WUP15-110	220	-	380	-	G1.5°F



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Be pumping partners

HYDROO
Pump Industries SL

Carrer La Banyeta Nova, 11
Polígon Industrial La Banyeta
17843 Palol de Revardit
Catalonia. Spain
Tel. +34 972 394 654
E-mail: info@hydroo.com
www.hydroo.com

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subject to amendments

