

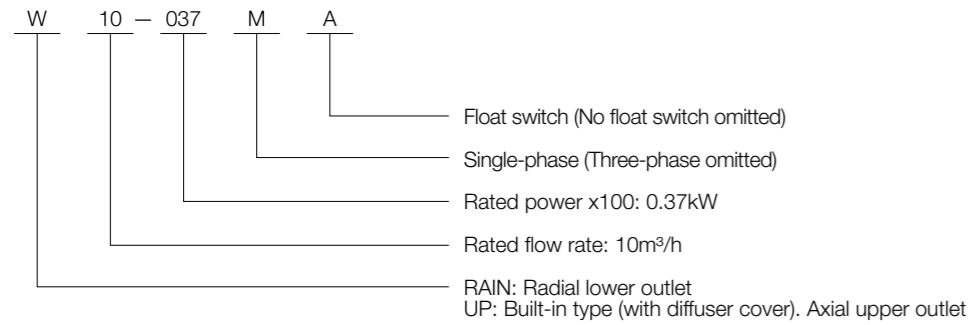
**hydroo®**

# **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

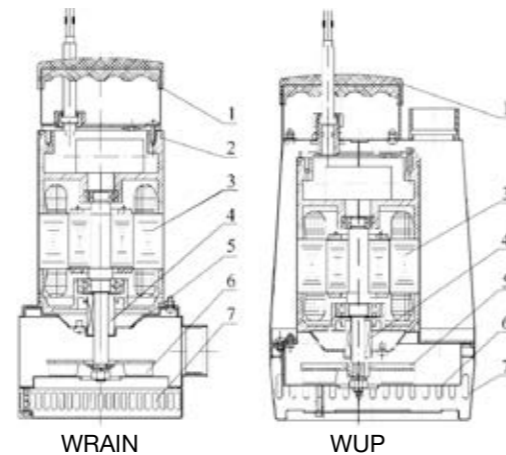
Submersible pump, max submerged depth is 5 m;  
 Max. temperature of pumped liquid: 40°C;  
 Solids diameter should be less than 10 mm;  
 Motor: Insulation class F, protection class: IP68;  
 Single phase pump, with capacitor and protection;  
 PH range 4-10;  
 Double mechanical seal: CSI/CSI; Graphit/CSI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

## Applications

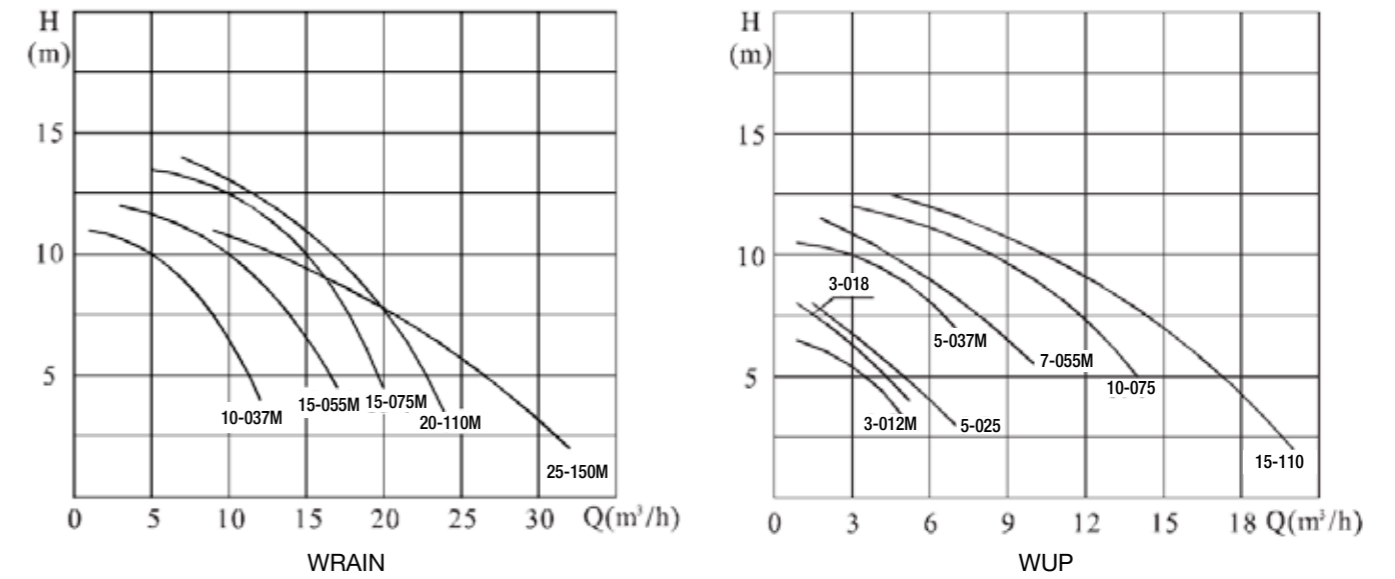
Garden irrigation, cultivation, municipal flood drainage and fountain;  
 Sea water or similar as water which contains normal corrosive liquid;  
 Drainage for river water, lake, rain water, pool water drainage, grey waters, improvement and temporary installations.

## 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

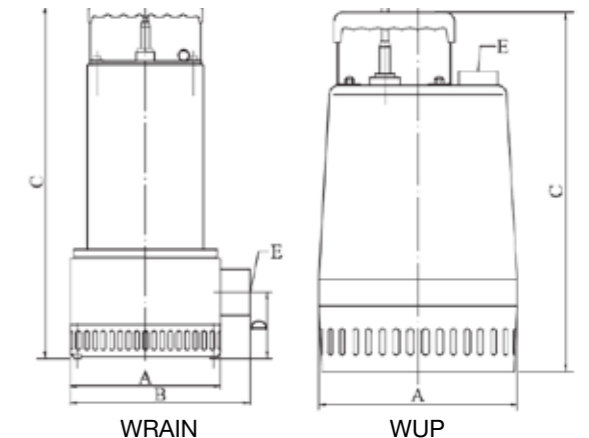


## Technical parameters

Model	Flow rate at BEP (m <sup>3</sup> /h)	Head at BEP m	Power kW	Voltage V	Amperage A	Discharge mm	Weight kg
WRAIN10-037M	10	7.5	0.37	230	4.2	G1.5°F	12
WRAIN15-055M	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
WUP3-012M	3	5	0.12	230	1.6	G1.25°F	6
WUP3-018M	3	7	0.18	230	1.7	G1.25°F	6
WUP5-025M	5	5	0.25	230	2.0	G1.25°F	7
WUP5-037M	5	10	0.37	230	4.2	G1.5°F	9
WUP7-055M	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
WRAIN10-037M	170	195	360	68	G1.5°F
WRAIN15-055M	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
WUP3-012M	130	-	280	-	G1.25°F
WUP3-018M	130	-	280	-	G1.25°F
WUP5-025M	150	-	290	-	G1.25°F
WUP5-037M	220	-	360	-	G1.5°F
WUP7-055M	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

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201842-CTL-WUP&WRAIN-EN  
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