

BE
PUMPING
PARTNERS



We Make The Difference

WUP WRAINOX WDROO Series

Stainless Steel Drainage Pumps - 50Hz



hydroo®



HYDROO is present in all the European markets by means of a distribution network focused on the service and the valuation of the pumping business. HYDROO conceives, researches, develops, designs, industrializes, and manufactures a wide range of pumping solutions for the most demanding applications in industrial markets, irrigation, water supply and water treatment as well as in residential and commercial buildings. The values of operational excellence, experience, reliability, and passion for a well-done job guide the daily work of the Hydroo team together with our partners and distributors. The global challenges of water management require excellence in pumping technologies and a joint effort between designers, manufacturers, and pumping engineers. To meet the needs of the market in the more demanding installations Hydroo is firmly committed to manufacturing the best pumping equipment by following and sharing our values worldwide.

The Hydroo values are presented in 5 great concepts that we summarize in our motto Hy5, which are our principles and commitments:

BE PUMPING PARTNERS



Pirineu del Pallars
(Pallars Sobirà county, Catalonia)

The great attraction of this region is due to its abundant natural heritage which has painted the landscape with lush green vegetation enhanced with a great legacy of ancient monuments.

Coordinates:
Longitude: 0.8041500
Latitude: 42.5036800



hymotion

Value proposal based on the reliability of products enhancing the quality, the development of efficient supply chains, the productivity with the love of craftsmen at every step of the manufacturing and production processes. We move with the commitment to improve pumping systems, make them more efficient, more reliable, more digitized, more at the service of the human development.



hylite

Contribution to the preservation of the environment and sustainability. We reduce the environmental impact and the footprint of carbon. We contribute to the development of the circular economy. Our team stand out for the highest standards of energy efficiency.



hyficient

The use of the most advanced analytical, developed simulation tools allows us to optimize our R&D teamwork results. We maximize the study of materials, efficient hydraulics, mechanical improvements and the optimization of our motors up to 200 kW. The results are robust, reliable, flexible, adjustable, multipurpose, and user-friendly pumping equipment.



hynovative

Commitment to the implementation of the innovation process a strategic pillar of the company. Transfer new ideas to realities that evolve pumping industry and internalize the process in each job position to offer market improvements.



hyliance

We are the factory of our customers. Without solution of continuity between the value chain starting in the components production plants and ending with amortization of the pumping equipment operating at full performance for years and giving satisfaction to distributors, project engineers and pumping systems managers. We make real our catchphrase **Be Pumping Partners**.

Applications

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

Definition of model

WRAINOX 15 1,1 SA 0023 5 2

| Number of poles

| 5: 50 Hz / 6: 60 Hz

| Rated voltage (x10) (V)

| T: Three phases / S: Single phase
SA: Single phase + Float switch

| Power P2 (kW)

| Rated flow (m³/h)

| Vortex pump in SS304

Structural feature

Fully manufactured in AISI304SS, rusty proof, corrosion resisting; WRAINOX, WUP main features, light weight, easy operation, motor pump in a whole, dual mechanical seal, high efficiency.

These pumps design allows a trustful, troubleless pump operation for domestic applications. Easy to handle.

Operation 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.

– PH range 4-10.

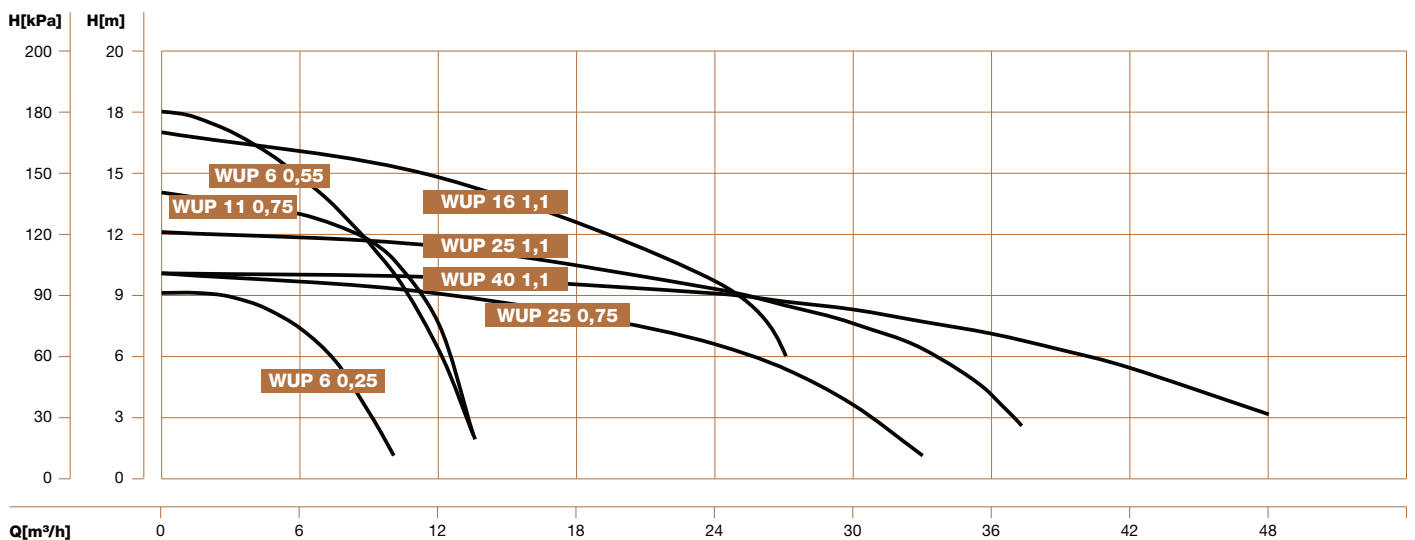
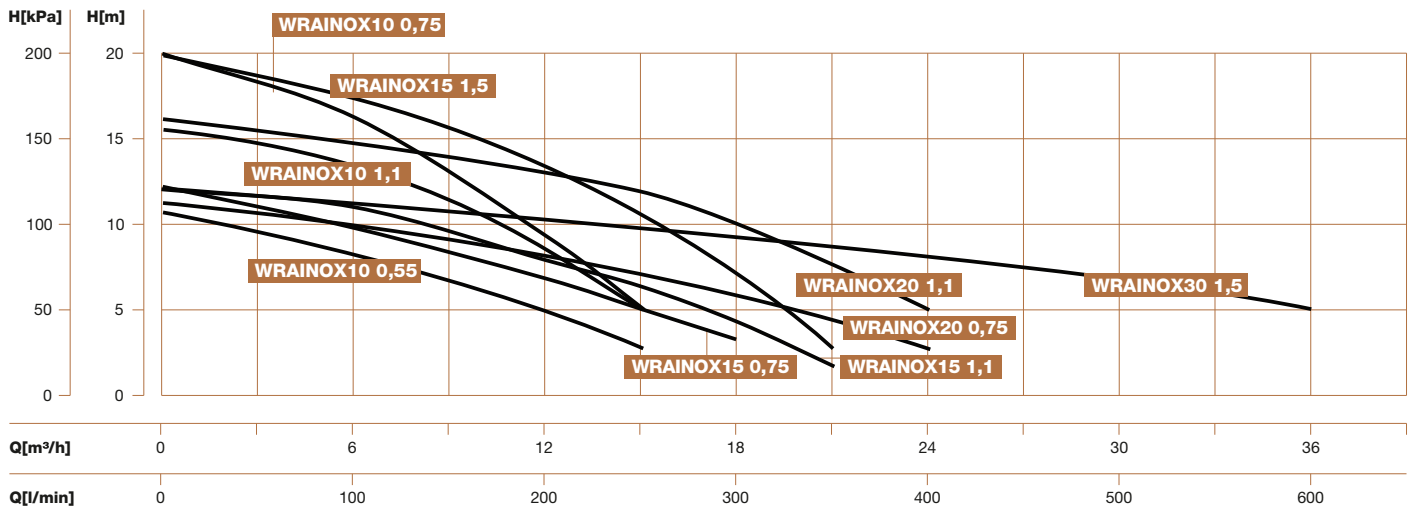
– Single phase pump, with capacitor and protection for WUP types and up to 45mm on WRAINOX types.

– 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 flowdedd suction head for all models, down to 5 mm.

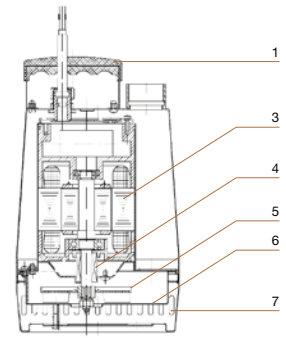
Performance curves ISO9906:2012 Grade 3B



Max. working pressure

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

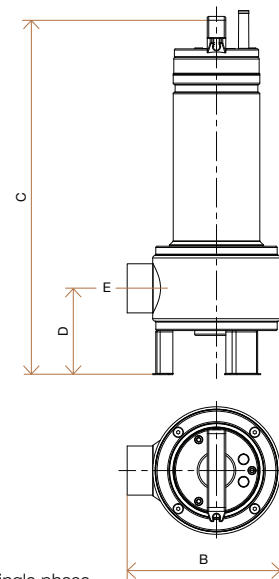
WUP



Technical parameters

Model	kW	Q m³/h	H m	T	S & A	Amperage 1 ~230/3 ~400V	Outlet
WUP6 0,25	0,25	6	7		X	1,7	G1,5"F
WUP6 0,55	0,55	6	14		X	5	G2"F
WUP11 0,75	0,75	11	10	X	X	5,4/2	G2"F
WUP25 0,75	0,75	25	6	X	X	5,4/2	G2,5"F
WUP25 1,1	1,1	25	7	X	X	6,5/2,6	G2,5"F
WUP40 1,1	1,1	40	6	X	X	6,5/2,6	G2,5"F
WUP16 1,1	1,1	16	13	X	X	6,5/2,6	G2"F
WRAINOX10 0,55	0,6	10	5		X	4,2	G2,5"F
WRAINOX10 0,75	0,8	10	10		X	5,7	G2,5"F
WRAINOX15 0,75	0,8	15	4		X	5,7	G2,5"F
WRAINOX20 0,75	0,8	20	5		X	5,7	G2,5"F
WRAINOX10 1,1	1,1	10	9		X	6,5	G2,5"F
WRAINOX15 1,1	1,1	15	7	X	X	6,5/2,5	G2,5"F
WRAINOX20 1,1	1,1	20	8,5	X	X	6,5/2,5	G2,5"F
WRAINOX15 1,5	1,5	15	10,5	X	X	8,2/3,7	G2,5"F
WRAINOX30 1,5	1,5	30	6	X	X	8,2/3,7	G2,5"F

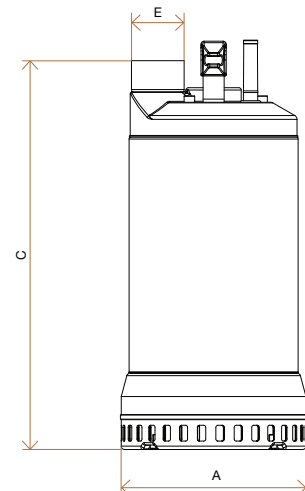
WRAINOX



*S: Single phase
*T: Three phase
*A: Float switch

Simplified drawing and installation dimensions

Model	A	B	C	D	E	Packaging mm	Weight kg
	mm						
WUP6 0,25	152	—	350	—	G1,5"F	165 x 165 x 375	8
WUP6 0,55	176	—	320	—	G2"F	220 x 220 x 445	12
WUP11 0,75	176	—	330	—	G2"F	220 x 220 x 445	13
WUP25 0,75	186	—	325	—	G2,5"F	220 x 220 x 455	13
WUP25 1,1	186	—	335	—	G2,5"F	220 x 220 x 465	14
WUP40 1,1	186	—	335	—	G2,5"F	220 x 220 x 465	14
WUP16 1,1	180	—	350	—	G2"F	220 x 220 x 470	14
WRAINOX10 0,55	—	180	450	100	G2,5"F	230 x 230 x 510	10
WRAINOX10 0,75	—	180	470	100	G2,5"F	230 x 230 x 525	12
WRAINOX15 0,75	—	180	470	100	G2,5"F	230 x 230 x 525	12
WRAINOX20 0,75	—	180	470	100	G2,5"F	230 x 230 x 525	12
WRAINOX10 1,1	—	180	470	100	G2,5"F	230 x 230 x 535	14
WRAINOX15 1,1	—	180	490	100	G2,5"F	230 x 230 x 535	14
WRAINOX20 1,1	—	180	490	100	G2,5"F	230 x 230 x 535	14
WRAINOX15 1,5	—	180	500	100	G2,5"F	230 x 230 x 540	15
WRAINOX30 1,5	-	180	500	100	G2,5"F	230 x 230 x 540	15



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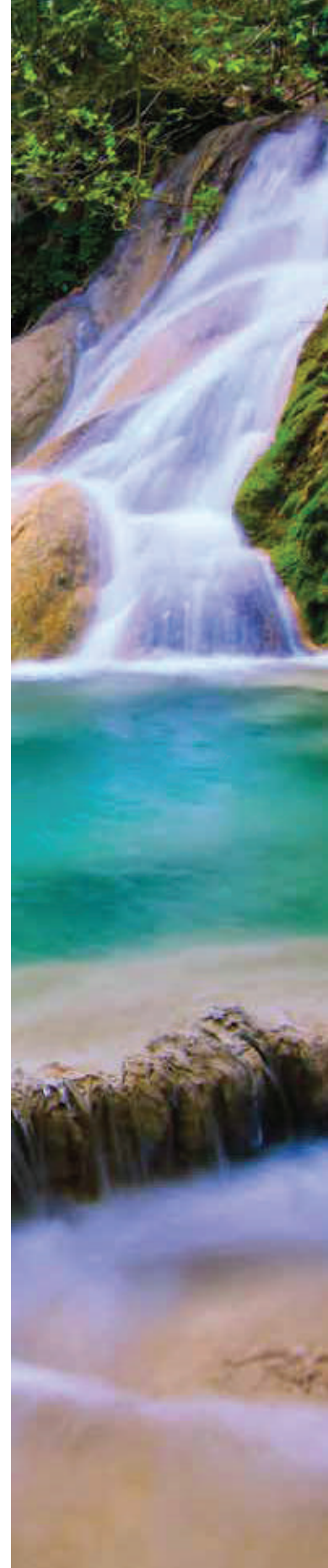
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