

# DRAINAGE SUBMERSIBLE PUMPS

(0.4kW – 2.2kW)



UM/UADN400/50/1  
UM/UADN400/50/3  
UADN400/50/1 – FSLC  
UM/UADN750/50/1  
UM/UADN750/50/3  
UADN750/50/1 – FSLC

UM/UADN750/80/1  
UM/UADN750/80/3

UM/UADN1500/80/1  
UM/UADN1500/80/3  
UM/UADN2200/80/3

UM/UADN2200/50/3

UM/UADNHF1500/80/1  
UM/UADNHF1500/80/3  
UM/UADNHF2200/80/3

GUIDE RAIL SYSTEM

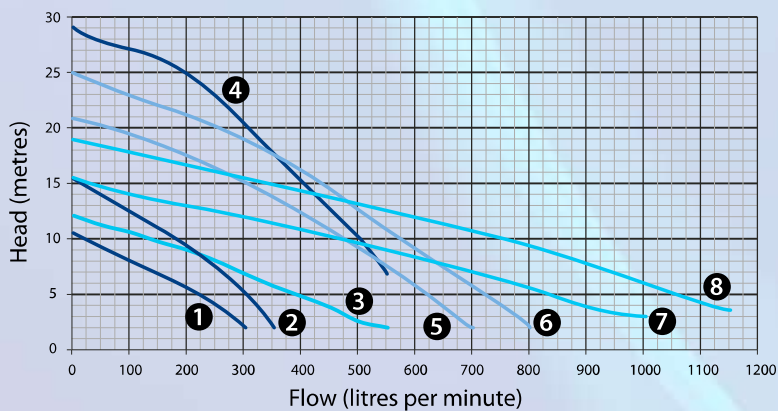
## APPLICATIONS

- Site dewatering
- Basement and sump drainage
- Fountains and water features
- Horticulture
- Aquaculture
- Grey water transfer
- Trade waste disposal
- Water transfer
- Aeration of wastewater

## FEATURES

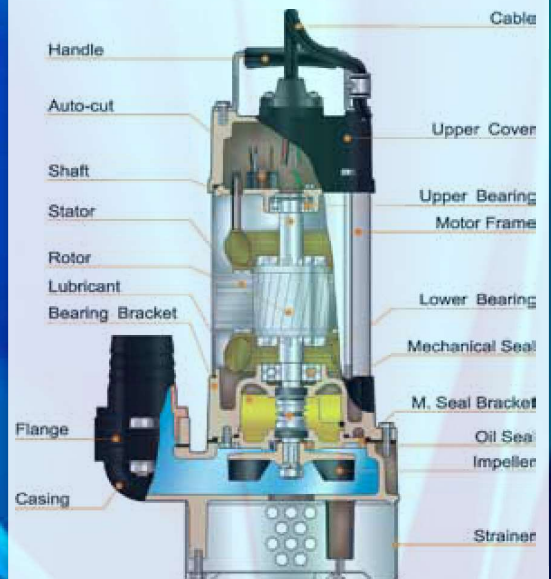
- CE & ISO 9001 certified
- All metal construction
- Dual mechanical seal + lip seal in oil bath
- Silicon carbide faces to lower seal
- Heavy duty
- Stainless steel strainer, handles & fasteners
- Can be installed with a guide rail system
- Automatic float switch available on all 240V & 415V models
- Anti-wicking, epoxy filled cable gland

## PERFORMANCE CURVES



- |  |   |   |
|--|---|---|
| 1. UM/UADN400/50/1<br>UM/UADN400/50/3<br>UADN400/50/1 – FSLC | 3. UM/UADN750/80/1<br>UM/UADN750/80/3   | 6. UM/UADN2200/80/3                         |
| 2. UM/UADN750/50/1<br>UM/UADN750/50/3<br>UADN750/50/1-FSLC   | 4. UMDN2200/50/3                        | 7. UM/UADNHF1500/80/1<br>UM/UADNHF1500/80/3 |
|  | 5. UM/UADN1500/80/1<br>UM/UADN1500/80/3 | 8. UM/UADNHF2200/80/3                       |

## CROSS-SECTION



# DRAINAGE SUBMERSIBLE PUMPS

## MATERIALS

<b>POWER CABLE</b>	HO7RN
<b>HANDLE</b>	304 grade stainless steel
<b>MOTOR CASING</b>	304 grade stainless steel (Cast iron for 'UM/UADNLS' series)
<b>MOTOR CAP</b>	Cast iron
<b>SEAL HOUSING</b>	Cast iron
<b>DUAL MECHANICAL SEAL</b>	Silicon carbide faces to lower seal, carbon ceramic faces to upper seal, nitrile elastomers
<b>LIP SEAL</b>	Nitrile
<b>CASING &amp; COVER PLATE</b>	Cast iron
<b>IMPELLER</b>	Cast iron
<b>SHAFT</b>	304 grade stainless steel
<b>STRAINER</b>	304 grade stainless steel
<b>FASTENERS</b>	304 grade stainless steel

## ELECTRICAL DATA

MODEL	VOLTS	KW	FULL LOAD AMPS	RPM	IP	CABLE LENGTH
UM/UADN400/50/1 (& FSCL)	240	0.4	3.2	2900	68	10m
UM/UADN400/50/3	415	0.4	1.3	2900	68	10m
UM/UADN750/50/1 (& FSCL)	240	0.75	5.0	2900	68	10m
UM/UADN750/50/3	415	0.75	1.8	2900	68	10m
UM/UADN750/80/1	240	0.75	5.0	2900	68	10m
UM/UADN750/80/3	415	0.75	1.8	2900	68	10m
UM/UADN1500/80/1	240	1.5	9.8	2900	68	10m
UM/UADN1500/80/3	415	1.5	3.4	2900	68	10m
UM/UADNHF1500/80/1	240	1.5	9.8	2900	68	10m
UM/UADNHF1500/80/3	415	1.5	3.4	2900	68	10m
UM/UADN2200/50/3	415	2.2	4.8	2900	68	10m
UM/UADN2200/80/3	415	2.2	4.8	2900	68	10m
UM/UADNHF2200/80/3	415	2.2	4.8	2900	68	10m

## DIMENSIONS & WEIGHT

MODEL	DISCHARGE	MAX SOLID SIZE	LENGTH	WIDTH	HEIGHT	WEIGHT
UM/UADN400/50/1	50	8mm	245mm	173mm	430mm	16kg
UM/UADN400/50/3	50	8mm	245mm	173mm	430mm	16kg
UADN400/50/1-FSCL	50	8mm	295mm	173mm	430mm	16kg
UM/UADN750/50/1	50	10mm	245mm	173mm	430mm	17kg
UM/UADN750/50/3	50	10mm	245mm	173mm	430mm	17kg
UADN750/50/1-FSCL	50	10mm	295mm	173mm	430mm	17kg
UM/UADN750/80/1	80	10mm	278mm	173mm	457mm	19kg
UM/UADN750/80/3	80	10mm	278mm	173mm	457mm	19kg
UM/UADN1500/80/1	80	10mm	385mm	216mm	573mm	42kg
UMDN1500/80/3	80	10mm	385mm	216mm	485mm	37kg
UADN1500/80/3	80	10mm	385mm	216mm	573mm	42kg
UM/UADNHF1500/80/1	80	20mm	385mm	207mm	575mm	42kg
UMDNHF1500/80/3	80	20mm	385mm	207mm	524mm	37kg
UADNHF1500/80/3	80	20mm	385mm	207mm	575mm	42kg
UMDN2200/50/3	50	10mm	280mm	216mm	493mm	33kg
UADN2200/50/3	50	10mm	280mm	216mm	572mm	39kg
UMDN2200/80/3	80	10mm	385mm	216mm	495mm	38kg
UADN2200/80/3	80	10mm	385mm	216mm	575mm	44kg
UMDNHF2200/80/3	80	20mm	385mm	207mm	524mm	40kg
UADNHF2200/80/3	80	20mm	385mm	207mm	608mm	44kg