

Submersible De-watering Pumps - Ama[®] Drainer



Ama-Drainer 300 series



Ama-Drainer 400 series

Features

Ama-Drainer 300 series

- Vertical fully floodable submersible motor.
- In built swing check valve (not provided for N 358 model with horizontal delivery).
- Jacket cooled single phase motor with integrated temperature switch, 10 m cable & shockproof plug.
- Float switch for automatic operation.
- Max. immersion depth 2 m.
- Temperature up to 50°C (35°C for N 358)

Ama-Drainer 400 series

- Vertical fully floodable submersible motor.
- Single phase motor with integrated temperature switch, 10 m cable and shockproof plug.
- Three phase motor with integrated temperature switch and 10 m cable.
- Float switch for automatic operation for 1ph models.
- Max. immersion depth 10 m.
- Temperature up to 40°C.

Materials

Ama-Drainer 300 series

Pump casing	- Polypropylene
Discharge casing	- Polypropylene
Casing cover	- Noryl
Impeller	- Noryl for N 301/302/303 - Polyamide for N 358
Motor housing	- Chrome Nickel Steel
Shaft	- Chrome Steel
Float	- Polypropylene



Ama-Drainer 400 series

Pump casing	- Chrome Nickel Steel
Suction cover	- Chrome Nickel Steel
Volute	- ABS copolymer
Impeller	- Polyamide
Stator case	- Chrome Nickel Steel
Rotor shaft	- Chrome Steel
Float	- Polypropylene



Applications

- Lowering surface water level • Transfer of water • Agricultural pits • Extraction of water from rivers & reservoirs
- Sprinklers in gardens • Drainage of cellars / basin

Performance Table for 2 pole, 50 Hz, single phase 230 V, Ama-Drainer 300 series models with free passage of 10 mm (N 358 model with free passage of 35 mm) & delivery size of 32 mm (40 mm for N 358 model)

Model	Motor kW	Current (Amp)	Total head in meters											
			1	2	3	4	5	6	7	8	9	10	11	12
			Capacity in lpm											
N 301 SE/NE	0.18	1.9	165	150	130	110	80	40	-	-	-	-	-	-
N 302 SE/NE	0.35	4.0	-	200	190	180	165	145	120	90	55	-	-	-
N 303 SE/NE	0.5	4.9	-	230	220	210	195	180	165	145	125	100	70	35
N 358 SE/NE	0.43	4.0	275	250	220	195	165	130	90	35	-	-	-	-

Performance Table for 2 pole, 50 Hz, single phase 220-240 V & three phase 380-415 V, Ama-Drainer 400 series models with free passage of 10 mm & delivery size of 40 mm (A 422 model in three phase only)

Model	Motor kW	Current (Amp)	Total head in meters											
			3	3.5	4	5	6	7	9	11	13	15	17	19
			Capacity in lpm											
A 405 SE/10	0.55	4.1	350	325	300	260	210	150	50	-	-	-	-	-
A 405 ND/10	0.55	1.7	350	325	300	260	210	150	50	-	-	-	-	-
A 407 SE/10	0.75	5.5	-	415	385	350	300	260	165	65	-	-	-	-
A 407 ND/10	0.75	1.9	-	415	385	350	300	260	165	65	-	-	-	-
A 411 SE/10	1.1	6.55	-	-	450	415	375	335	260	175	85	-	-	-
A 411 ND/10	1.1	2.5	-	-	450	415	375	335	260	175	85	-	-	-
A 415 SE/10	1.5	8.95	-	-	515	485	450	415	335	250	170	85	-	-
A 415 ND/10	1.5	3.6	-	-	515	485	450	415	335	250	170	85	-	-
A 422 ND/10	2.2	4.8	-	-	-	545	515	485	425	360	285	215	135	65



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