

AF SEWAGE/WASTEWATER SUBMERSIBLE PUMPS



80AFP21.5/22.2



50AFU4.4/4.8



80AFP23.7A
80(100)AFP25.5/27.5
80(100)AFP211



80AFU41.5/42.2/43.7

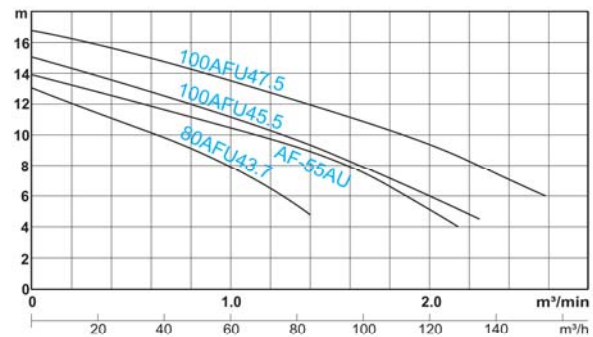
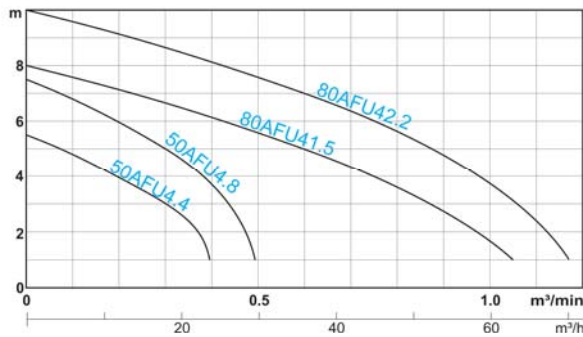
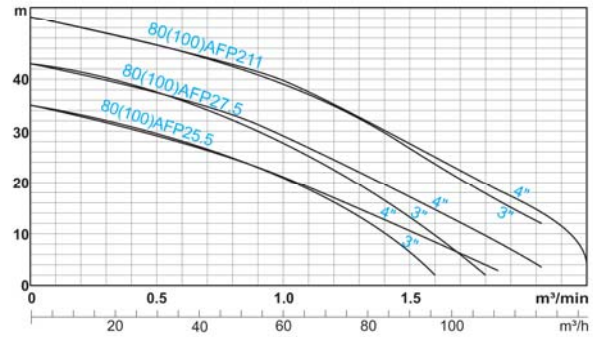
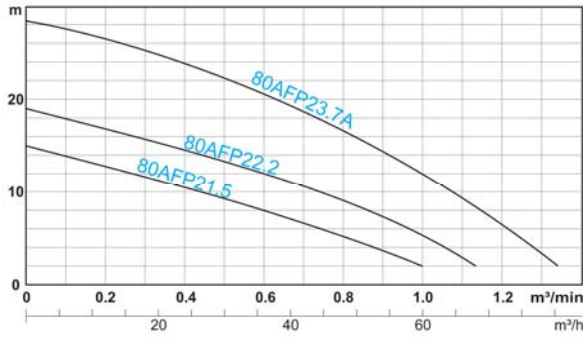


100AFU45.5
100AFU47.5



AF-55AU
AF-55AE

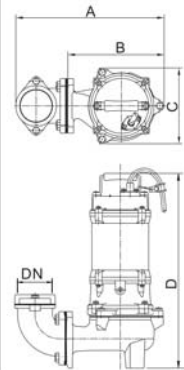
PERFORMANCE CURVES



PERFORMANCE SPEC.

Pole	Model	Output HP(kW)	Size DN Inch(mm)	Phase Ø	Start Method	Head (m)	Capacity		Solid Passage mm	Weight (kg)		Dimension (mm)				
							m³/min	m³/h		1Ø	3Ø	A	B	C	D	
2P	80AFP21.5	2 (1.5)	3" (80)	1	Capacitor	8.5	0.6	36	35	37	33	417	275	260	576	521
	3	Direct														
	80AFP22.2	3 (2.2)	3" (80)	1	Capacitor	12.5	0.6	36	35	40	35	417	275	260	603	521
	3	Direct														
	80AFP23.7A	5 (3.7)	3" (80)	3	Direct	20.5	0.6	36	32	-	48	498	305	290	-	578
	80(100)AFP25.5	7.5 (5.5)	3" (80)	3	Direct	28	0.6	36	30	-	75	565	373	345	-	689
4" (100)	21.5					1.0	60	596								
80(100)AFP27.5	10 (7.5)	3" (80)	3	Direct	34.5	0.6	36	30	-	81	565	373	345	-	689	
4" (100)					28	1.0	60				596					
80(100)AFP211	15 (11)	3" (80)	3	Star-Delta	45	0.6	36	30	-	91	565	373	345	-	729	
4" (100)					39.5	1.0	60				596					
4P	50AFU4.4	0.5 (0.4)	2" (50)	1	Capacitor	3.5	0.25	15	50	30	28	347	241	204	526	526
	3	Direct														
	50AFU4.8	1 (0.75)	2" (50)	1	Capacitor	5	0.3	18	50	30	29	347	241	204	526	526
	3	Direct														
	80AFU41.5	2 (1.5)	3" (80)	1	Capacitor	5	0.6	36	76	47	47	447	305	255	698	621
	3	Direct														
	80AFU42.2	3 (2.2)	3" (80)	3	Direct	7	0.6	36	76	-	57	535	343	289	-	655
80AFU43.7	5 (3.7)	3" (80)	3	Direct	10	0.6	36	76	-	65	535	343	289	-	695	
100AFU45.5	7.5 (5.5)	4" (100)	3	Direct	11	1.0	60	100	-	96	615	393	337	-	813	
100AFU47.5	10 (7.5)	4" (100)	3	Direct	13.5	1.0	60	100	-	105	615	393	337	-	853	
AF-55AU	7.5 (5.5)	4" (100)	3	Direct	10.5	1.0	60	25	-	115	676	453	404	-	796	

Note: Weight Without Cable & Elbow Set





80AFP41.5



80AFP42.2
80(100)AFP43.7



80(100)AFE42.2
80(100)AFE43.7

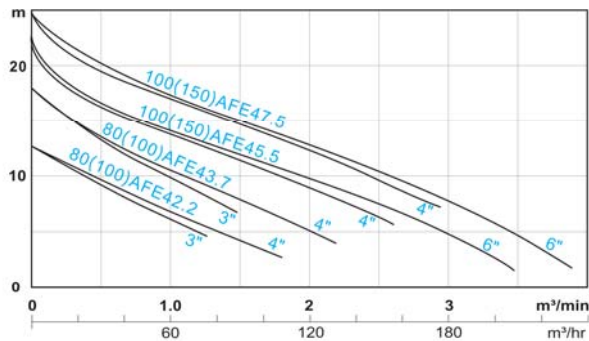
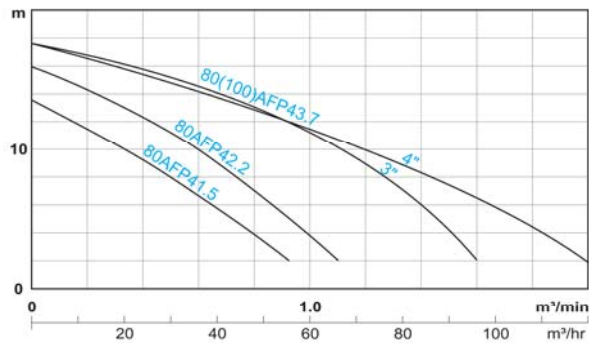


100(150)AFE45.5
100(150)AFE47.5



AF-75E

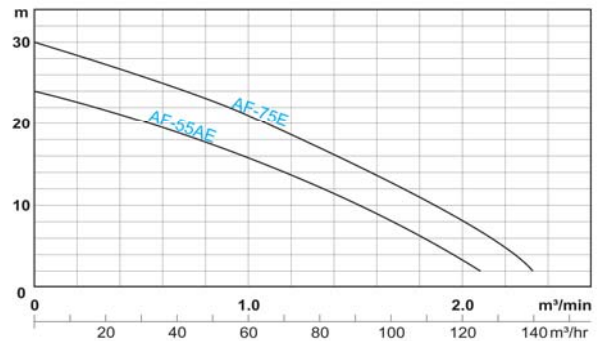
■ PERFORMANCE CURVES



■ PRODUCT NOMENCLATURE

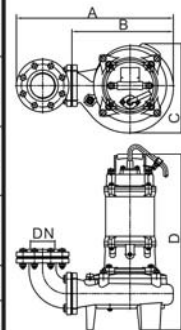
AF — 55 A E
Type kW Style Impeller type

AF — 6 10
Type Discharge inch HP



■ PERFORMANCE SPEC.

Pole	Model	Output HP(kW)	Size DN Inch(mm)	Phase Ø	Start Method	Head (m)	Capacity		Solid Passage (mm)	Weight (kg)		Dimension (mm)				
							m³/min	m³/h		1Ø	3Ø	A	B	C	D	
4P	80AFP41.5	2 (1.5)	3" (80)	1 3	Capacitor Direct	8	0.5	30	50	47	47	474	332	288	645	567
	80AFP42.2	3 (2.2)	3" (80)	3	Direct	10	0.6	36	50	-	58	550	358	313	-	603
	80(100)AFP43.7	5 (3.7)	3" (80)	3	Direct	14.5	0.6	36	50	-	67	550	358	313	-	643
			4" (100)			11.5	1.0	60				581				
	80(100)AFE42.2	3 (2.2)	3" (80)	3	Direct	7	0.8	48	76	-	60	521	328	287	-	660
			4" (100)			6.5	1.0	60				551				
	80(100)AFE43.7	5 (3.7)	3" (80)	3	Direct	11	0.8	48	76	-	71	539	346	304	-	700
			4" (100)			10.5	1.0	60				569				
	100(150)AFE45.5	7.5 (5.5)	4" (100)	3	Direct	14	1.0	60	76	-	110	653	430	374	-	786
			6" (150)			12	1.5	90				713				
	100(150)AFE47.5	10 (7.5)	4" (100)	3	Direct	17	1.0	60	76	-	119	653	430	374	-	826
			6" (150)			15	1.5	90				713				
	AF-55AE	7.5 (5.5)	4" (100)	3	Direct	16	1.0	60	40	-	124	676	453	404	-	795
	AF-75E	10 (7.5)	4" (100)	3	Direct	18	1.0	60	40	-	138	676	453	404	-	813



Note: Weight Without Cable & Elbow Set

AF SEWAGE/WASTEWATER SUBMERSIBLE PUMPS



AF-610

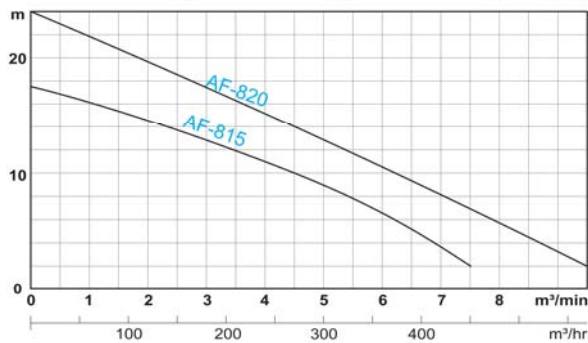
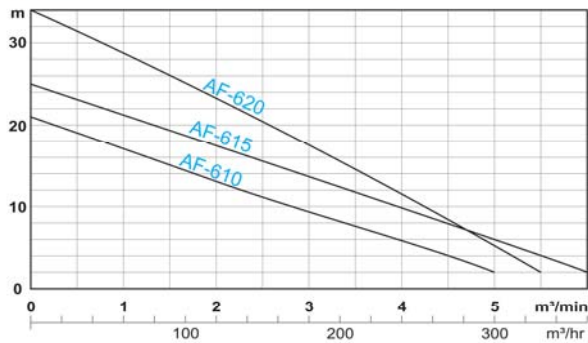


AF-615



AF-815/820

PERFORMANCE CURVES



SPECIFICATIONS

Discharge (mm)		150 • 200
Limits Of Use	Liquid Temp.	0~40°C (32~104°F)
	Applications	Wastewater • Sewage
Type	Frequency	50Hz
	Motor	4P: 1500RPM • Dry Motor
	Insulation	Class F(10~20HP)
	Protection	IP68
	Protector	Auto-cut(10HP) • MTS / MS(15~20HP)
	Bearing	Ball Type
	M.seal	Double M.seals
	Impeller	Enclosed-channel (E)
Material	Upper Cover	FC200
	Motor Frame	FC200
	Shaft End	SUS420J2 (4P:10~20HP)
	M.seal	Upper: Carbon/Ceramic Lower: Silicon/Silicon
	Casing	FC200
	Impeller	FC200
	Cable	VCT or H07RN-F or SOW
Optional	Pumps can be customized to fit specifications	

PERFORMANCE SPEC.

Pole	Model	Output HP(kW)	Size DN Inch(mm)	Phase Ø	Start Method	Head (m)	Capacity		Solid Passage (mm)	Weight (kg)		Dimension (mm)				
							m³/min	m³/h		1Ø	3Ø	A	B	C	D	
4P	AF-610	10 (7.5)	6" (150)	3	Direct	11	2.5	150	70	-	183	850	521	450	-	871
	AF-615	15 (11)	6" (150)	3	Star-Delta	15.5	2.5	150	70	-	219	850	521	476	-	989
	AF-620	20(15)	6" (150)	3	Star-Delta	20.5	2.5	150	76	-	153	808	536	455	-	938
	AF-815	15 (11)	8" (200)	3	Star-Delta	10	4.5	270	75	-	221	950	566	501	-	988
	AF-820	20 (15)	8" (200)	3	Star-Delta	14	4.5	270	75	-	234	950	566	501	-	988

Note: Weight Without Cable & Elbow Set

