

Axial Flow Pumps

Model (AP)	6	8	10	12	14	16	20	24	36	42	48	54	60
Maximum Sphere Size	1-1/2"	2"	2-1/4"	3"	3-3/4"	3-3/4"	4-1/2"	6"	9"	10-1/2"	11-1/4"	12"	14"
Propeller Diameter	5-1/4"	7-1/2"	8-9/16"	10"	13"	14-1/4"	17-1/8"	20"	26"	31"	36"	44-1/8"	48"
Propeller Eye	3-19/32"	5-3/8"	6-1/16"	7-3/16"	9-1/4"	10"	12"	14-1/4"	18-3/8"	21-5/8"	25-7/8"	25-1/8"	34-1/16"
Suction Bell O.D.	10'	14"	16"	19"	25"	27"	32"	38"	47"	55"	67"	64"	90"
Bottom Clearance	8"	10"	12"	14"	14"	14"	16"	20"	24"	28"	34"	39"	45"
Minimum Submergence*	20"	23"	27"	31"	31"	34"	42"	50"	56"	60"	70"	78"	96"
Thrust Factor K	6.1	19.2	24.7	34.0	57.5	69.0	99.2	136.0	229.0	326.0	439.0	573.0	783.0
Single stage Bowl Length	8"	11"	15"	19"	19"	22"	30"	38"	44"	53"	64"	66"	73"
Add stage bowl length	13"	18"	23"	29"	31"	36"	46"	57"	68"	82"	98"	106"	121"
Strainer length	6"	8"	10"	12"	12"	12"	12"	16"	18"	18"	24"	28"	33"
Minimum Column Size	6"	8"	10"	12"	14"	16"	20"	24"	36"	42"	48"	54"	60'

Maximum Bowl Working Pressure for all models: 75 PSIG

* This is the required minimum submergence to avoid damaging vortex. It may be required to have higher submergence due to NPSHR.