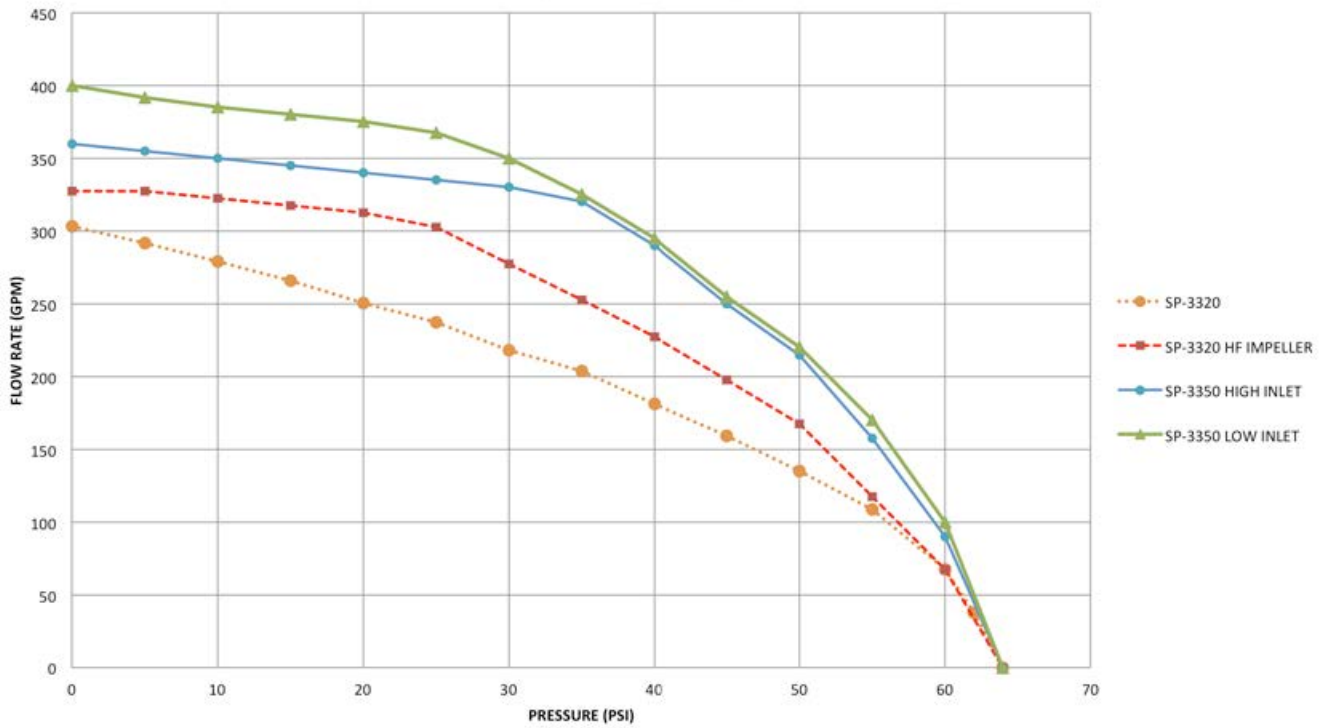
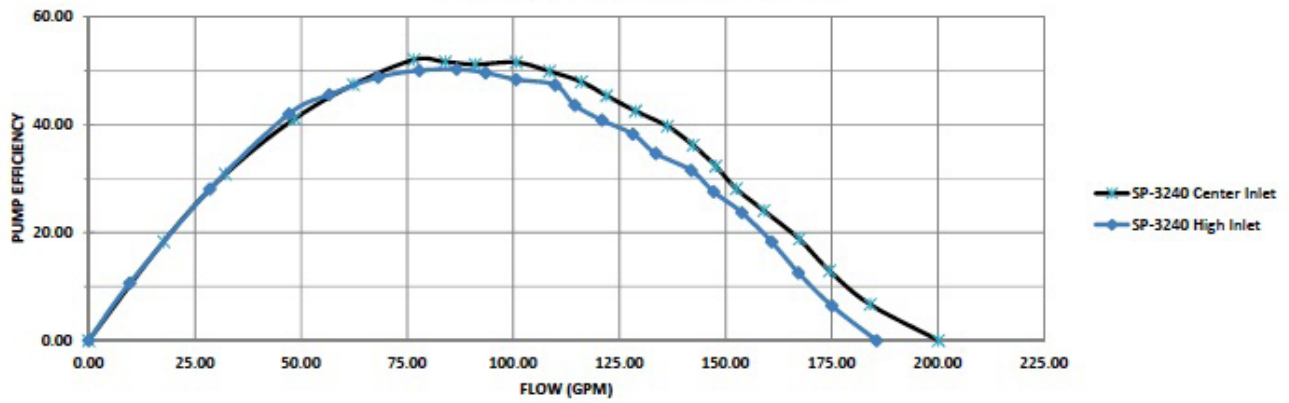


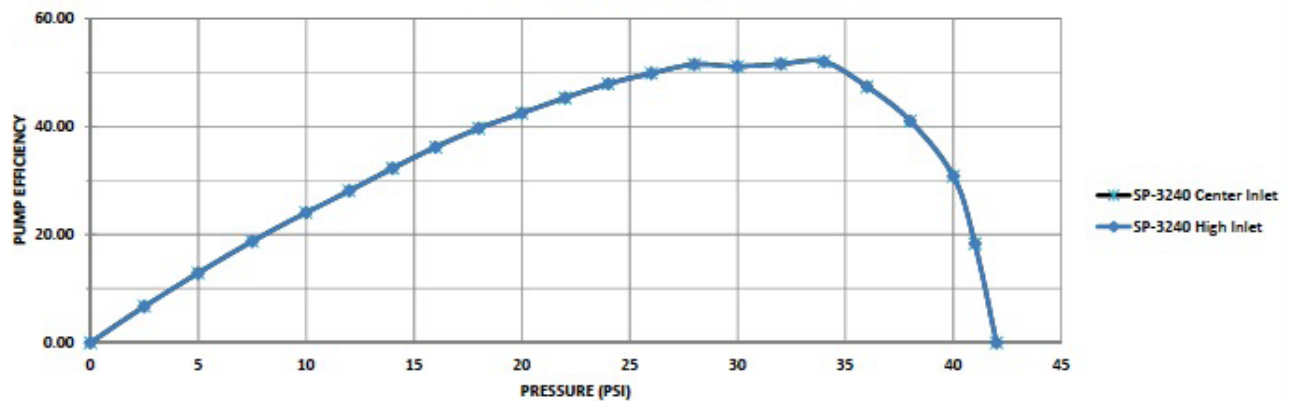
FLOW TEST SP-3350 (high and low inlet) vs. SP-3320HF vs. SP-3320



SP-3240 EFFICIENCY VS FLOW



SP-3240 EFFICIENCY VS. PRESSURE



3 Vane benchmark tests in old SP-3220

OLD IMPELLER in SP-3320						
PSI	RUN #1 (GPM)		AVG			
	LOW	HIGH				
0	288	319	303.5			
5	280	303	291.5			
10	270	288	279			
15	257	275	266			
20	240	261	250.5			
25	223	251	237			
30	208	228	218			
35	197	210	203.5			
40	172	190	181			
45	151	167	159			
50	127	143	135			
55	100	117	108.5			
60	65	70	67.5			
62	35	40	37.5			
64	0	0	0			

High Flow IMPELLER in SP-3320						
PSI	RUN #1 (GPM)		AVG			
	LOW	HIGH				
0	325	330	327.5			
5	325	330	327.5			
10	320	325	322.5			
15	315	320	317.5			
20	310	315	312.5			
25	300	305	302.5			
30	275	280	277.5			
35	250	255	252.5			
40	225	230	227.5			
45	195	200	197.5			
50	165	170	167.5			
55	115	120	117.5			
60	65	70	67.5			
64	0	0	0			

SP-3350 HF Impeller

LOW INLET SP-3350						
PSI	RUN #1 (GPM)		AVG			
	LOW	HIGH				
0	400	400	400			
5	392	392	392			
10	385	385	385			
15	380	380	380			
20	375	375	375			
25	365	370	367.5			
30	350	350	350			
35	325	325	325			
40	295	295	295			
45	255	255	255			
50	220	220	220			
55	170	170	170			
60	100	100	100			
64	0	0	0			

HIGH INLET SP-3350						
PSI	RUN #1 (GPM)		AVG			
	LOW	HIGH				
0	360	360	360			
5	355	355	355			
10	350	350	350			
15	345	345	345			
20	340	340	340			
25	335	335	335			
30	330	330	330			
35	320	320	320			
40	290	290	290			
45	250	250	250			
50	215	215	215			
55	155	160	157.5			
60	90	90	90			
64	0	0	0			