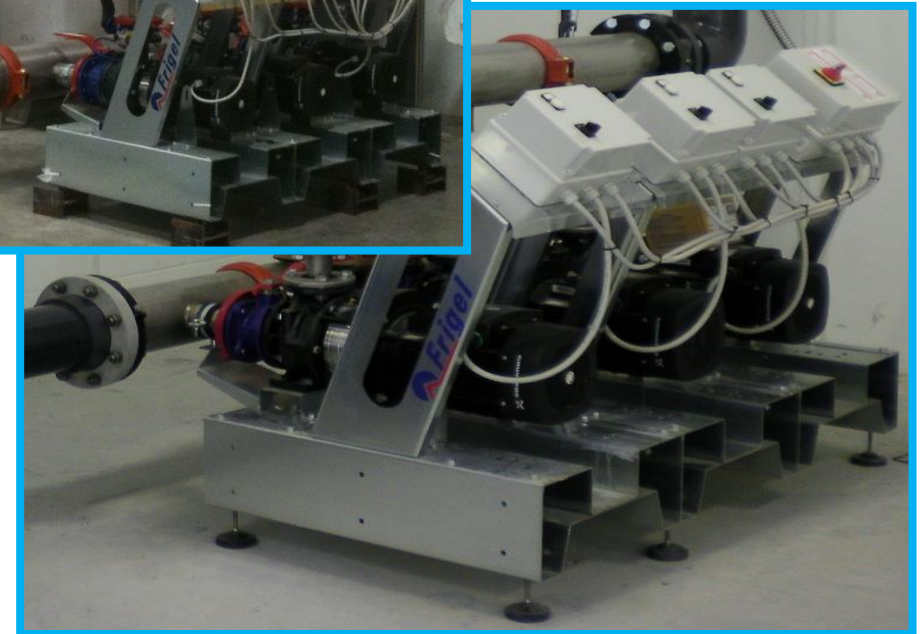


Aquagel GPP

High Efficiency Process Pump Stations

The leader in process cooling, Frigel provides only the best fully engineered world class hydraulic components.

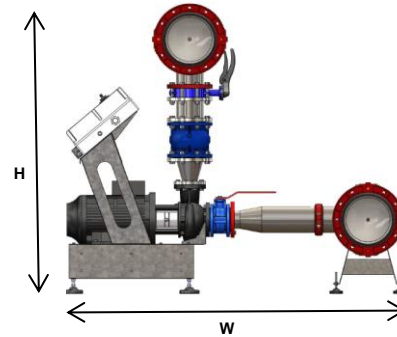
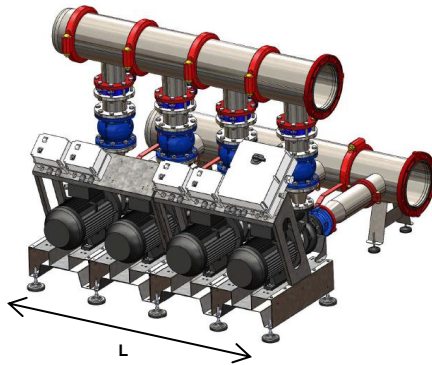
Choosing the highest efficiency centrifugal pumps available, Frigel once again proves its position as a leader in process cooling. Fully trimmed, including discharge check valves, suction isolation ball valves and discharge butterfly valves, stainless steel manifolds and prewired at the factory for completely functional installation with no extra mechanical options to worry about. Exclusive modular design also provides for quick and easy expansion.





Proven Leadership

Aquagel GPP



MECHANICAL AND ELECTRICAL (FOR USE WITH PMR CENTRAL CONTROL SYSTEM) ¹										
Model	Pumps		Dimensions			Weight kg	Connections ³ mm (in)	Full Load ⁴		
	Qty ²	Power kW each	L mm	W mm	H mm			kW	400/3/50 amp	
Standard Pressure	GPP500/2 SP	2	3	1030	1090	1200	280	DIN100 (4)	6	13.8
	GPP500/3 SP	3	3	1530	1090	1200	420	DIN100 (4)	9	20.7
	GPP500/4 SP	4	3	2030	1090	1200	545	DIN100 (4)	12	27.6
	GPP1200/2 SP	2	5.5	1030	1300	1310	365	DIN150 (6)	11	24.4
	GPP1200/3 SP	3	5.5	1530	1300	1310	540	DIN150 (6)	16.5	36.6
	GPP1200/4 SP	4	5.5	2030	1300	1310	700	DIN150 (6)	22	48.8
	GPP3000/2 SP	2	11	1145	1860	1865	680	DIN250 (10)	22	45.6
	GPP3000/3 SP	3	11	1645	1860	1865	1000	DIN250 (10)	33	68.4
	GPP3000/4 SP	4	11	2145	1860	1865	1330	DIN250 (10)	44	91.2
	GPP4800/2 SP	2	18.5	1210	2165	1940	880	DIN300 (12)	37	76
High Pressure	GPP4800/3 SP	3	18.5	1710	2165	1940	1290	DIN300 (12)	55.5	114
	GPP4800/4 SP	4	18.5	2210	2165	1940	1700	DIN300 (12)	74	152
	GPP500/2 HP	2	5.5	1030	1135	1200	330	DIN100 (4)	11	24.4
	GPP500/3 HP	3	5.5	1530	1135	1200	495	DIN100 (4)	16.5	36.6
	GPP500/4 HP	4	5.5	2030	1135	1200	635	DIN100 (4)	22	48.8
	GPP1200/2 HP	2	11	1030	1275	1310	475	DIN150 (6)	22	45.6
	GPP1200/3 HP	3	11	1530	1275	1310	705	DIN150 (6)	33	68.4
	GPP1200/4 HP	4	11	2030	1275	1310	925	DIN150 (6)	44	91.2
	GPP3000/2 HP	2	18.5	1145	1880	1865	730	DIN250 (10)	37	76
	GPP3000/3 HP	3	18.5	1645	1880	1865	1080	DIN250 (10)	55.5	114
High Pressure	GPP3000/4 HP	4	18.5	2145	1880	1865	1420	DIN250 (10)	74	152
	GPP4800/2 HP	2	30	1210	2250	1940	1100	DIN300 (12)	60	112
	GPP4800/3 HP	3	30	1710	2250	1940	1620	DIN300 (12)	90	168
	GPP4800/4 HP	4	30	2210	2250	1940	2140	DIN300 (12)	120	224

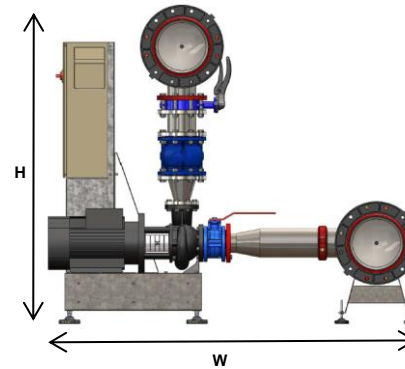
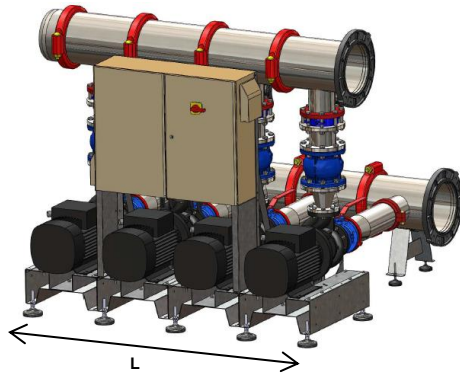


- ¹ Do **NOT** use the data in this document for construction purposes. Specifications are subject to change without notice.
- ² One pump in each station is (normally) for standby duty.
- ³ All connections are Victaulic. Flange adapters are provided.
- ⁴ All pumps running. Sufficient power should be brought to the pump station based on a full complement of four pumps to allow for expansion.

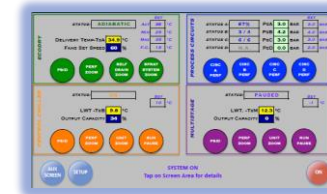


Proven Leadership

Aquagel GPP



MECHANICAL AND ELECTRICAL (FOR USE WITH 3PR CENTRAL CONTROL SYSTEM) ¹										
Model	Pumps		Dimensions			Weight kg	Connections ³ mm (in)	Full Load ⁴		
	Qty ²	Power kW each	L mm	W mm	H mm			kW	400/3/50 amp	
Standard Pressure	GPP500/2 SP	2	3	1030	1165	1340	300	DIN100 (4)	6	13.8
	GPP500/3 SP	3	3	1530	1165	1340	440	DIN100 (4)	9	20.7
	GPP500/4 SP	4	3	2030	1165	1340	560	DIN100 (4)	12	27.6
	GPP1200/2 SP	2	5.5	1030	1325	1490	390	DIN150 (6)	11	24.4
	GPP1200/3 SP	3	5.5	1530	1325	1490	560	DIN150 (6)	16.5	36.6
	GPP1200/4 SP	4	5.5	2030	1325	1490	720	DIN150 (6)	22	48.8
	GPP3000/2 SP	2	11	1145	1830	1865	720	DIN250 (10)	22	45.6
	GPP3000/3 SP	3	11	1645	1830	1865	1030	DIN250 (10)	33	68.4
	GPP3000/4 SP	4	11	2145	1830	1865	1360	DIN250 (10)	44	91.2
	GPP4800/2 SP	2	18.5	1270	2165	1940	930	DIN300 (12)	37	76
High Pressure	GPP4800/3 SP	3	18.5	1770	2165	1940	1330	DIN300 (12)	55.5	114
	GPP4800/4 SP	4	18.5	2215	2165	1940	1740	DIN300 (12)	74	152
	GPP500/2 HP	2	5.5	1030	1155	1340	350	DIN100 (4)	11	24.4
	GPP500/3 HP	3	5.5	1530	1155	1340	510	DIN100 (4)	16.5	36.6
	GPP500/4 HP	4	5.5	2030	1155	1340	650	DIN100 (4)	22	48.8
	GPP1200/2 HP	2	11	1030	1340	1490	500	DIN150 (6)	22	45.6
	GPP1200/3 HP	3	11	1530	1340	1490	720	DIN150 (6)	33	68.4
	GPP1200/4 HP	4	11	2030	1340	1490	950	DIN150 (6)	44	91.2
	GPP3000/2 HP	2	18.5	1210	1880	1865	760	DIN250 (10)	37	76
	GPP3000/3 HP	3	18.5	1710	1880	1865	1110	DIN250 (10)	55.5	114
	GPP3000/4 HP	4	18.5	2145	1880	1865	1450	DIN250 (10)	74	152
	GPP4800/2 HP	2	30	1270	2235	1940	1150	DIN300 (12)	60	112
	GPP4800/3 HP	3	30	1770	2235	1940	1660	DIN300 (12)	90	168
	GPP4800/4 HP	4	30	2215	2235	1940	2190	DIN300 (12)	120	224



- ¹ Do **NOT** use the data in this document for construction purposes. Specifications are subject to change without notice.
- ² One pump in each station is (normally) for standby duty.
- ³ All connections are Victaulic. Flange adapters are provided.
- ⁴ All pumps running. Sufficient power should be brought to the pump station based on a full complement of four pumps to allow for expansion.

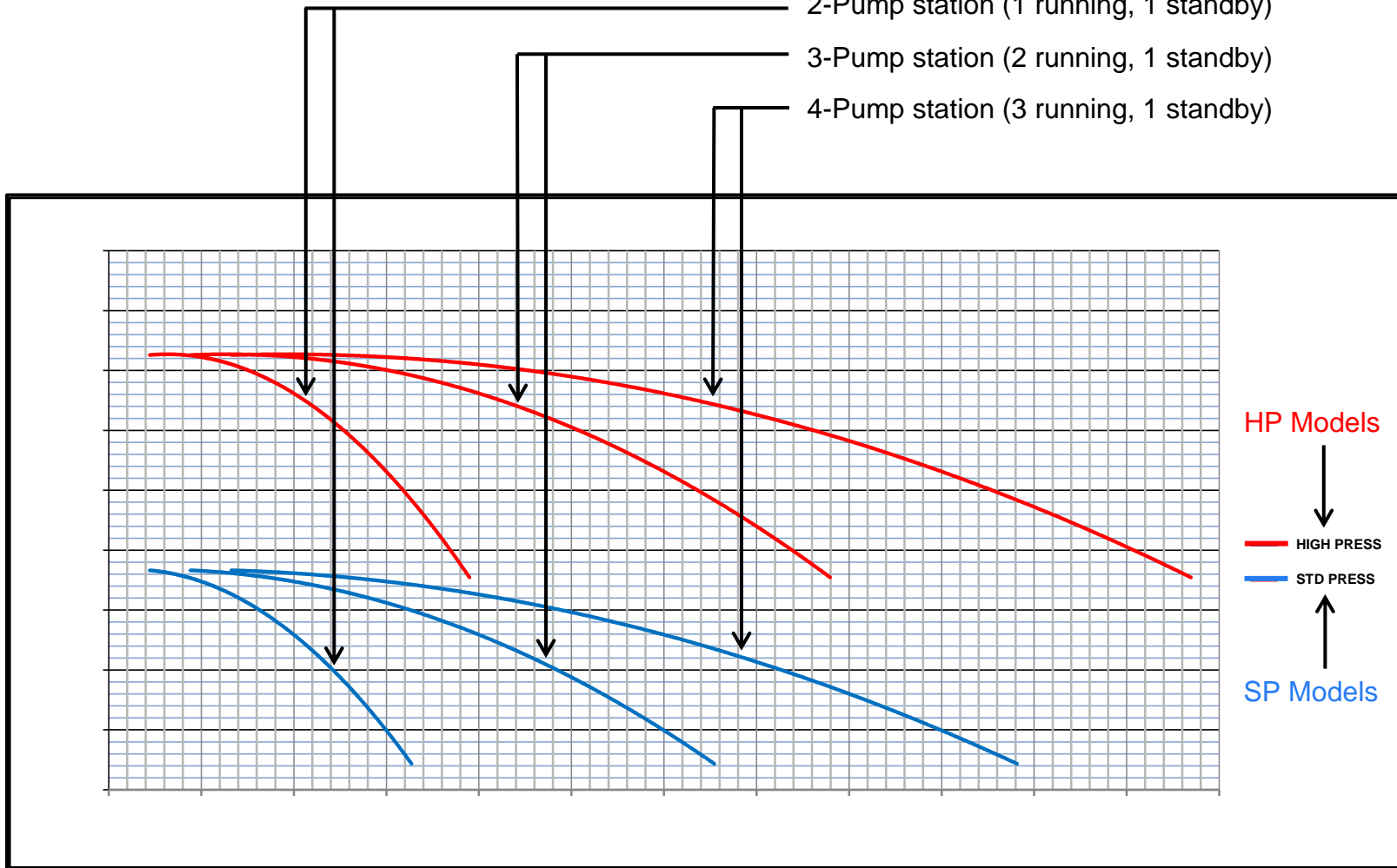


Normal configurations:

2-Pump station (1 running, 1 standby)

3-Pump station (2 running, 1 standby)

4-Pump station (3 running, 1 standby)

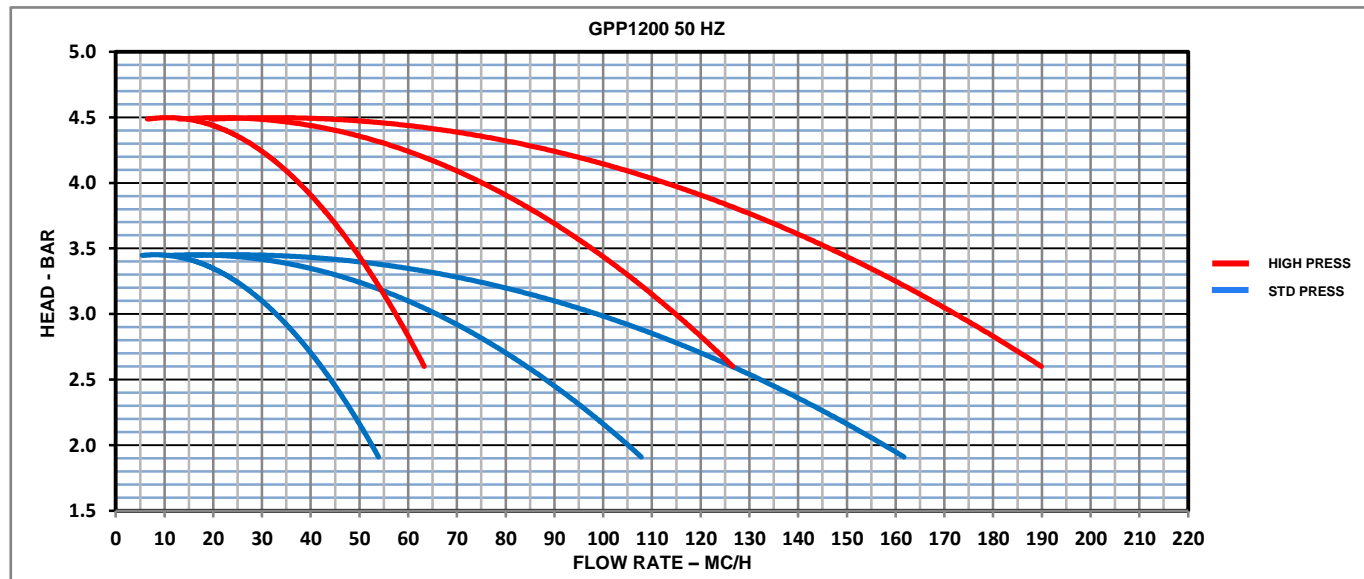
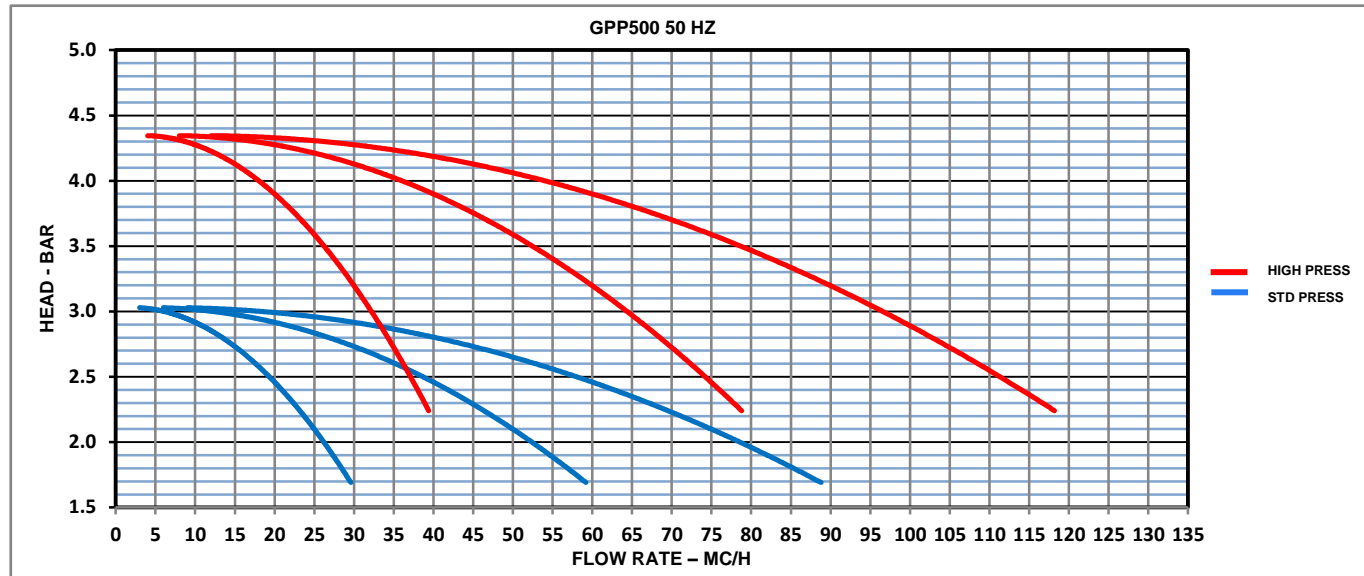


Note: Frigel has taken the leadership position of publishing net performance curves, taking into account the losses due to the suction and discharge components which are standard on our factory supplied pump assemblies. **The charts which follow now indicate actual available performance points at the discharge manifolds.**



Proven Leadership

Aquagel GPP





Proven Leadership

Aquagel GPP

