



# TECH BULLETIN

**065**  
01/93

*Published regarding engineering changes and improvements*

## SUBJECT: Higher Performance Ratings - 2SF and 4SF

Following extensive testing both in the field and in our engineering lab, the SF pumps have proven to be outstanding performers under their new specifications.

The 2SF **gas** models have all been increased to 2000 PSI. Because of the power limitations of the 5/8" shaft, the standard 2.85 GPM, 3.0 GPM and 3.5 GPM **electric** models remain at 1500 PSI. All 2SF model numbers will now have an "S" at the end.

All 4SF pump models have been upgraded to 3000 PSI and the "H" in the model number have been replaced with an "S". Two new 5 GPM models have been added to the line: 4SF50ELS (electric) and 4SF50GS1 (gas).

All the 2SF and 4SF have also been upgraded to the 304 stainless steel inlet valves. The nylon inlet valves will only be used in the "HT" (hi-temp) 2SF units. The 2SF Inlet Valve kit will be updated with the new SS valves. The Kit PN will remain the same.

Inlet Valve	Model	Old PN	New PN
	2SF	44873 Nylon	45854 S
	2SF HT	44873 Nylon	33873 NY
	4SF	45185 Nylon	45845 S

Following is the production date these valves became effective for each model:

Old P/N		New P/N	PSI	Old P/N		New P/N	PSI
2SF22E	6920341	2SF22ES	2000	2SF22G	3930101	2SFX22GS	2000
2SF22EL	1920001	2SF22ELS	2000	2SF22GH	3930101	2SFX22GS	2000
2SF29EL	4920071	2SF29ELS	1500	2SF30G	4920315	2SF30GS	2000
2SF30E	1920246	2SF30ES	1500	2SF30GH	2920311	2SF30GS	2000
2SF35E	2920261	2SF35ES	1500	2SF35G	2920371	2SF35GS	2000
				2SF35GH	3930101	2SF35GS	2000
4SF40ELH	4920101	4SF40ELS	3500	4SF35GH1	0920101	4SF35GS1	3500
4SF45ELH	4920101	4SF45ELS	3000	4SF40GH1	0920101	4SF40GS1	3500
4SF50ELH	4920101	4SF50ELS	3000	4SF45GH1	0920101	4SF45GS1	3000
				4SF50GH1	3930101	4SF50GS1	3000

See also Tech Bulletins 070 and 073 for additional information.

**CAT PUMPS**  
Technical Services Department

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