

# GRUNDFOS ENGINEERED SYSTEMS

## LCS PACKAGE (Split Coupled End Suction Pumps)

### Base Package Includes:

- Grundfos pumps
- Suction diffuser with butterfly isolation valve on suction side
- Check valve with butterfly isolation valve on discharge side
- Fabricated carbon steel SCH 40 branches and headers
- Fabricated structural steel skid base
- Integrated control and power panel with VFD's

### Base + Accessory Package Includes:

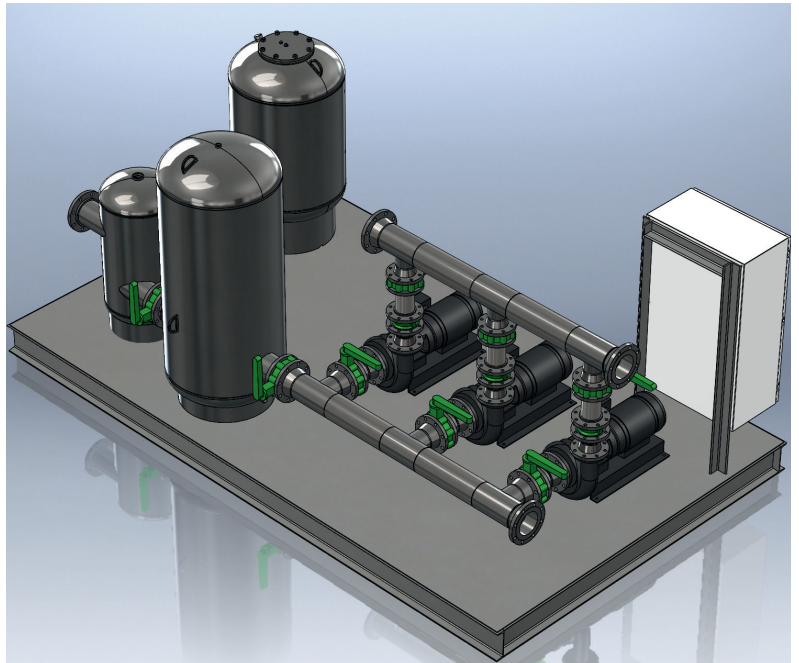
- All items listed in Base Package
- Air separator
- Expansion tank
- Chemical pot feeder

### Base + Accessory + Buffer Tank Package Includes:

- All items listed in Base + Accessory Package
- Buffer tank with butterfly isolation valve on inlet and outlet of buffer tank\*

\*Butterfly isolation valve only on suction side.

Other options available on request for all configuration packages.



## DUPLEX

System Flow (US gpm)	System Head (ft)	Casing Size (Model No.)	Max Motor Power (hp)	Max FLA 208 V (A)	Max FLA 460 V (A)	Base Package				Base + Accessory Package					Base + Accessory + Buffer Tank Package					Header Nominal Pipe Size (in)
						Length (in)	Width (in)	Height (in)	Weight (lb)	Length (in)	Width (in)	Height (in)	Weight (lb)	Expansion Tank Capacity (US gal)	Length (in)	Width (in)	Height (in)	Weight (lb)	Buffer Tank Capacity (US gal)	
100	50-90	15951	3	10.6	4.8	54	84	66	2,000	70	84	68	2,200	35	106	96	80	2,700	120	2
50 (1+1 SPARE)	90-200	10707	10	30.8	14	52	84	66	2,300	69	84	68	2,500	35	105	96	80	3,000	120	
250	50-100	15959	7.5	24.2	11	62	96	66	2,500	84	96	68	2,800	35	124	108	80	3,300	120	4
125 (1+1 SPARE)	100-200	12709	15	46.2	21	55	82	66	2,800	77	82	68	3,100	35	117	94	80	3,600	120	
500	50-90	25957	10	30.8	14	66	100	66	2,800	87	100	84	3,500	211	140	118	92	4,400	300	5
250 (1+1 SPARE)	90-200	20709	25	74.8	34	58	92	66	3,600	80	92	84	4,300	211	132	110	92	5,200	300	
750	50-85	30957	15	46.2	21	67	96	66	3,300	95	96	73	3,900	158	148	114	92	4,800	300	6
375 (1+1 SPARE)	85-195	25707	30	88	40	59	92	66	3,800	87	92	73	4,400	158	140	110	92	5,300	300	
1,000	195-200	25957	40	114	52	67	101	66	3,800	95	101	73	4,400	158	147	119	92	5,300	300	8
500 (1+1 SPARE)	50-85	40957	20	59.4	27	66	93	66	4,100	94	93	73	4,800	158	147	111	92	5,700	300	
1,250	85-190	30707	40	114	52	70	104	78	5,100	98	104	80	5,800	158	151	122	92	6,700	300	10
625 (1+1 SPARE)	190-200	30957	40	114	52	71	106	78	5,100	99	106	80	5,800	158	152	124	92	6,700	300	
1,500	50-80	40957	20	59.4	27	66	100	66	4,100	94	100	83	5,000	264	153	121	110	6,400	500	12
750 (1+1 SPARE)	80-155	40129	60	169	77	73	113	78	6,000	102	113	83	6,900	264	160	134	110	8,300	500	
2,000	155-200	30957	50	143	65	71	108	78	5,200	99	108	83	6,100	264	158	129	110	7,500	500	14
1,000 (1+1 SPARE)	50-150	40129	60	169	77	73	113	78	6,000	102	113	107	7,000	370	160	134	110	8,400	500	
2,500	150-200	30957	60	169	77	71	108	78	6,000	102	108	107	7,000	370	158	129	110	8,400	500	16
1,250 (1+1 SPARE)	50-80	50957	30	88	40	75	108	66	5,300	116	108	107	6,600	370	176	129	110	8,000	500	
3,000	80-140	50123	60	169	77	76	120	78	6,800	117	120	107	8,100	370	177	141	110	9,500	500	18
1,500 (1+1 SPARE)	140-200	40157	100	273	124	78	125	90	8,100	118	125	107	9,400	370	177	146	110	10,800	500	
4,000	50-70	50957	30	88	40	79	109	66	6,300	120	109	107	7,700	370	--	--	--	--	--	20
2,000 (1+1 SPARE)	70-135	60123	75	211	96	80	126	78	7,900	121	126	107	9,300	370	--	--	--	--	--	
5,000	135-200	50157	125	343	156	82	141	90	8,900	123	141	107	10,300	370	--	--	--	--	--	22
2,500 (1+1 SPARE)	50-70	60951	40	114	52	80	109	78	6,800	121	109	95	8,700	528	--	--	--	--	--	
1,750 (1+1 SPARE)	70-130	60123	75	211	96	80	126	78	6,900	121	126	95	8,800	528	--	--	--	--	--	
4,500	130-200	50157	125	343	156	82	141	90	8,900	126	141	95	10,800	528	--	--	--	--	--	24
2,250 (1+1 SPARE)	50-65	60951	40	114	52	80	119	78	6,800	121	119	130	9,500	792	--	--	--	--	--	
5,000	65-145	60123	100	273	124	80	136	90	7,800	126	136	130	10,500	792	--	--	--	--	--	26
2,500 (1+1 SPARE)	145-200	50157	125	343	156	82	145	90	10,000	126	145	130	13,500	792	--	--	--	--	--	
7,000	50-60	60951	40	114	52	83	120	78	7,800	130	120	110	10,400	660	--	--	--	--	--	28
3,500 (1+1 SPARE)	60-140	60123	100	273	124	83	137	90	10,100	129	137	110	12,700	660	--	--	--	--	--	
10,000	140-165	60157	125	343	156	86	149	90	11,800	132	149	110	14,400	660	--	--	--	--	--	30
5,000 (1+1 SPARE)	165-180	50157	125	343	156	85	146	90	11,800	131	146	110	14,400	660	--	--	--	--	--	
14,000	90-130	60123	100	273	124	85	139	90	11,100	145	139	130	15,200	792	--	--	--	--	--	32
7,000 (1+1 SPARE)	130-160	60157	125	343	156	88	150	90	12,800	148	150	130	16,900	792	--	--	--	--	--	
18,000	75-135	80123	125	343	156	85	144	90	12,800	145	144	130	16,900	792	--	--	--	--	--	34
9,000 (1+1 SPARE)	135-150	60157	125	343	156	88	154	90	12,800	148	154	130	16,900	792	--	--	--	--	--	

All dimensions and weights are estimates and for Reference Only. Contact Grundfos Commercial Systems Sales for additional information.

be think innovate

# GRUNDFOS ENGINEERED SYSTEMS

## LCS PACKAGE (Split Coupled End Suction Pumps)

### TRIPLEX

System Flow (US gpm)	System Head (ft)	Casing Size (Model No.)	Max Motor Power (hp)	Max FLA 208 V (A)	Max FLA 460 V (A)	Base Package				Base + Accessory Package					Base + Accessory + Buffer Tank Package					Header Nominal Pipe Size (in)
						Length (in)	Width (in)	Height (in)	Weight (lb)	Length (in)	Width (in)	Height (in)	Weight (lb)	Expansion Tank Capacity (US gal)	Length (in)	Width (in)	Height (in)	Weight (lb)	Buffer Tank Capacity (US gal)	
250	50-90	15955	5	16.7	7.6	98	89	66	4,000	120	89	68	4,300	35	160	101	80	4,800	120	4
166 (2+1 SPARE)	90-200	10707	10	30.8	14	85	85	66	4,100	107	85	68	4,400	35	147	97	80	4,900	120	4
500	50-80	20953	7.5	24.2	11	101	98	66	4,900	123	98	84	5,600	211	176	116	92	6,500	300	5
333 (2+1 SPARE)	80-200	15705	20	59.4	27	88	89	78	5,100	110	89	84	5,800	211	162	107	92	6,700	300	5
750	50-90	25957	10	30.8	14	103	101	66	5,100	131	101	73	5,700	158	183	119	92	6,600	300	6
500 (2+1 SPARE)	90-200	20709	25	74.8	34	89	95	78	5,900	117	95	80	6,500	158	170	113	92	7,400	300	6
1,000	50-85	30957	15	46.2	21	107	99	78	6,800	135	99	80	7,500	158	188	117	92	8,400	300	6
666 (2+1 SPARE)	85-200	25707	30	88	40	93	95	78	7,300	121	95	80	8,000	158	174	113	92	8,900	300	6
1,250	50-80	30957	15	46.2	21	107	106	78	6,800	135	106	95	7,700	264	194	127	110	9,100	500	8
833 (2+1 SPARE)	80-190	25707	30	88	40	93	97	78	7,300	121	97	95	8,200	264	180	118	110	9,600	500	8
1,500	190-200	25957	40	114	52	107	107	78	7,800	135	107	95	8,700	264	194	128	110	10,100	500	8
2,000	50-85	40957	20	59.4	27	96	95	78	6,900	124	95	107	7,900	370	183	116	110	9,300	500	10
1,000 (2+1 SPARE)	85-190	30707	40	114	52	106	104	78	7,800	134	104	107	8,800	370	193	125	110	10,200	500	10
2,000	190-200	30957	40	114	52	107	106	78	7,800	135	106	107	8,800	370	194	127	110	10,200	500	10
1,333 (2+1 SPARE)	50-75	40957	20	59.4	27	99	103	78	8,300	140	103	107	9,600	370	199	124	110	11,000	500	10
2,500	75-155	40129	60	169	77	112	120	78	11,100	153	120	107	12,300	370	213	141	110	13,700	500	10
1,666 (2+1 SPARE)	155-200	30957	50	143	65	110	109	78	9,300	151	109	107	10,600	370	211	130	110	12,000	500	10
3,000	50-65	50957	20	59.4	27	115	102	78	11,000	156	102	107	12,400	370	—	—	—	—	—	12
2,000 (2+1 SPARE)	65-120	4012A	40	114	52	104	108	78	12,200	145	108	107	13,600	370	—	—	—	—	—	12
3,500	120-175	40707	60	169	77	114	116	78	12,600	155	116	107	14,000	370	—	—	—	—	—	12
2,333 (2+1 SPARE)	175-200	40157	75	211	96	114	123	78	12,700	158	123	107	14,100	370	—	—	—	—	—	12
4,000	50-80	50957	30	88	40	115	111	78	11,200	156	111	95	13,100	528	—	—	—	—	—	14
2,666 (2+1 SPARE)	80-140	50123	60	169	77	116	128	78	12,600	157	128	95	14,500	528	—	—	—	—	—	14
3,000	140-200	40157	100	273	124	117	126	108	14,000	158	126	110	15,600	528	—	—	—	—	—	14
4,500	50-75	50957	30	88	40	115	111	78	11,200	156	111	130	13,900	792	—	—	—	—	—	16
2,333 (2+1 SPARE)	75-130	50123	60	169	77	116	128	78	12,600	157	128	130	15,300	792	—	—	—	—	—	16
4,000	130-145	40707	60	169	77	114	119	78	12,600	155	119	130	15,300	792	—	—	—	—	—	16
2,666 (2+1 SPARE)	145-200	50157	125	343	156	123	141	108	17,500	171	141	130	20,200	792	—	—	—	—	—	16
5,000	50-65	50957	30	88	40	118	112	78	12,900	165	112	110	15,500	660	—	—	—	—	—	16
3,333 (2+1 SPARE)	65-100	60157	60	169	77	122	139	78	15,300	168	139	110	17,900	660	—	—	—	—	—	16
4,500	100-130	60123	75	211	96	119	127	78	15,400	165	127	110	18,000	660	—	—	—	—	—	16
3,000 (2+1 SPARE)	130-200	50157	125	343	156	123	142	108	17,400	171	142	110	20,000	660	—	—	—	—	—	16
5,000	50-70	60951	40	114	52	121	111	78	16,100	181	111	130	20,200	792	—	—	—	—	—	16
3,333 (2+1 SPARE)	70-130	60123	75	211	96	121	129	78	17,500	181	129	130	21,600	792	—	—	—	—	—	16
5,000	130-200	50157	125	343	156	123	143	108	19,500	183	143	130	23,600	792	—	—	—	—	—	16
3,333 (2+1 SPARE)	50-65	60951	40	114	52	121	121	78	16,100	181	121	130	20,200	792	—	—	—	—	—	16
3,333 (2+1 SPARE)	65-140	60123	100	273	124	121	139	108	17,800	181	139	130	21,900	792	—	—	—	—	—	16
3,333 (2+1 SPARE)	140-200	50157	125	343	156	123	147	108	19,500	183	147	130	23,600	792	—	—	—	—	—	16

### QUADPLEX

System Flow (US gpm)	System Head (ft)	Casing Size (Model No.)	Max Motor Power (hp)	Max FLA 208 V (A)	Max FLA 460 V (A)	Base Package				Base + Accessory Package					Base + Accessory + Buffer Tank Package					Header Nominal Pipe Size (in)
						Length (in)	Width (in)	Height (in)	Weight (lb)	Length (in)	Width (in)	Height (in)	Weight (lb)	Expansion Tank Capacity (US gal)	Length (in)	Width (in)	Height (in)	Weight (lb)	Buffer Tank Capacity (US gal)	
250	50-85	15951	3	10.6	4.8	116	85	66	5,700	138	85	68	6,000	35	178	97	80	6,500	120	4
187 (3+1 SPARE)	85-200	10707	10	30.8	14	115	87	78	6,000	137	87	80	6,300	35	177	99	80	6,800	120	4
500	50-100	15959	7.5	24.2	11	137	99	78	7,300	159	99	84	8,000	211	211	117	92	8,900	300	5
375 (3+1 SPARE)	100-200	12709	15	46.2	21	118	85	78	7,700	140	85	84	8,400	211	192	103	92	9,300	300	5
750	50-80	20953	7.5	24.2	11	139	109	78	7,800	167	100	84	8,400	158	219	118	92	9,300	300	6
562 (3+1 SPARE)	80-190	15705	20	59.4	27	119	90	78	8,300	147	90	84	8,900	158	200	108	92	9,800	300	6
1,000	190-200	15955	20	59.4	27	138	97	78	8,300	166	97	84	8,900	158	219	115	92	9,800	300	6
750 (3+1 SPARE)	50-90	25957	10	30.8	14	143	104	78	10,100	171	104	84	10,800	158	224	122	92	11,700	300	6
1,000	90-200	20709	25	74.8	34	123	102	78	11,100	151	102	84	11,800	158	204	120	92	12,700	300	6
1,250	50-90	30957	15	46.2	21	143	99	78	10,400	171	99	83	11,300	264	230	120	110	12,700	500	8
937 (3+1 SPARE)	90-130	25123	20	59.4	27	126	98	78	10,800	154	98	83	11,700	264	213	119	110	13,400	500	8
1,500	130-200	25707	30	88	40	123	101	78	11,100	151	101	83	12,000	264	210	122	110	13,400	500	8
1,125 (3+1 SPARE)	50-85	30957	15	46.2	21	143	99	78	10,400	171	99	107	11,400	264	230	120	110	12,800	500	8
2,000	85-195	25707	30	88	40	123	101	78	11,100	151	101	107	12,100	370	210	122	110	13,500	500	10
1,500 (3+1 SPARE)	195-200	25957	40	114	52	143	110	78	11,100	171	110	107	12,100	370	230	131	110	13,500	500	10
2,000	50-85	40957	20	59.4	27	129	96	78	13,200	170	96	107	14,500	370	229	117	110	15,600	500	10
1,500 (3+1 SPARE)	85-190	30707	40	114	52	145	112	78	14,400	186	112	107	15,700	370	245	133	110	17,100	500	10
2,500	190-200	30957	40	114	52	146	113	78	14,400	187	113	107	15,700	370	247	134	110	17,100	500	10
1,875 (3+1 SPARE)	50-80	40957	20	59.4	27	133	105	78	16,800	174	105	107								