

GRUNDFOS ENGINEERED SYSTEMS

VLS PACKAGE *(Split Coupled Vertical Inline 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:

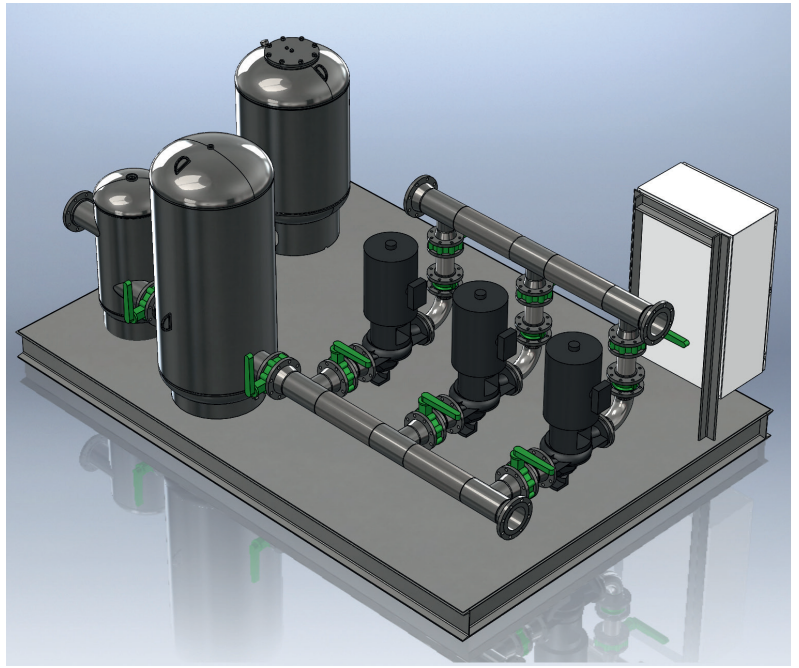
- All items listed in Base Package
- Air separator
- Expansion tank
- Chemical pot feeder

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 (1+1 SPARE)	50-90	20951	5	16.7	7.6	54	71	66	2,100	71	71	68	2,300	35	107	83	80	2,800	120	2
	90-200	12707	10	30.8	14	48	72	66	2,300	65	72	68	2,500	35	101	84	80	3,000	120	
250 125 (1+1 SPARE)	50-95	20959	7.5	24.2	11	57	83	66	2,500	79	83	68	2,800	35	119	95	80	3,300	120	4
	95-195	15709	15	46.2	21	51	79	66	2,800	73	79	68	3,100	35	113	91	80	3,600	120	
500 250 (1+1 SPARE)	195-200	20705	15	46.2	21	51	81	66	2,800	73	81	68	3,100	35	113	93	80	3,600	120	5
	50-90	30957	10	30.8	14	60	91	69	2,800	81	91	84	3,500	211	134	109	92	4,400	300	
750 375 (1+1 SPARE)	90-200	25709	25	74.8	34	54	87	66	3,600	75	87	84	4,300	211	128	105	92	5,200	300	6
	50-80	40957	15	46.2	21	67	88	73	3,300	95	88	73	3,900	158	147	106	92	4,800	300	
1,000 500 (1+1 SPARE)	80-185	30707	30	88	40	55	89	69	3,800	83	89	73	4,400	158	135	107	92	5,300	300	8
	185-200	30957	40	114	52	61	94	78	4,300	89	94	80	4,900	158	141	112	92	5,800	300	
1,250 625 (1+1 SPARE)	50-80	5012A	15	46.2	21	65	100	77	4,100	93	100	83	4,800	158	146	118	92	5,700	300	10
	80-185	40707	40	114	52	65	101	78	5,100	93	101	80	5,800	158	146	119	92	6,700	300	
1,500 750 (1+1 SPARE)	185-200	30957	40	114	52	65	102	78	5,100	93	102	80	5,800	158	152	123	92	6,700	300	12
	50-75	50957	20	59.4	27	71	110	75	4,100	99	110	83	5,000	264	158	131	110	6,400	500	
2,000 1,000 (1+1 SPARE)	75-130	5012A	40	114	52	65	116	78	5,100	93	116	83	6,000	264	152	137	110	7,400	500	14
	130-170	40707	40	114	52	65	105	78	5,100	93	105	83	6,000	264	152	126	110	7,400	500	
2,500 1,250 (1+1 SPARE)	170-200	40957	50	143	65	71	110	78	5,200	99	110	83	6,100	264	158	131	110	7,500	500	16
	50-65	50957	20	59.4	27	71	110	75	4,100	99	110	107	5,100	370	158	131	110	6,500	500	
3,000 1,500 (1+1 SPARE)	65-120	5012A	40	114	52	65	116	78	5,100	93	116	107	6,100	370	152	137	110	7,500	500	18
	120-160	50129	60	169	77	66	116	78	6,000	102	116	107	7,000	370	152	137	110	8,400	500	
3,500 1,750 (1+1 SPARE)	160-200	40957	60	169	77	71	110	78	6,000	102	110	107	7,000	370	158	131	110	8,400	500	20
	50-70	60957	30	88	40	68	124	71	5,300	109	124	107	6,600	370	168	145	110	8,000	500	
4,000 2,000 (1+1 SPARE)	70-140	60125	60	169	77	68	126	79	6,800	109	126	107	8,100	370	168	147	110	9,500	500	22
	140-200	50157	100	273	124	78	142	90	8,100	115	142	107	9,400	370	174	163	110	10,800	500	
4,500 2,250 (1+1 SPARE)	50-80	80951	40	114	52	72	124	78	6,800	113	124	107	8,200	370	-	-	-	-	-	24
	80-130	60125	60	169	77	72	129	80	7,800	113	129	107	9,200	370	-	-	-	-	-	
5,000 2,500 (1+1 SPARE)	130-200	60157	125	343	156	78	145	91	10,800	119	145	107	12,200	370	-	-	-	-	-	26
	50-75	80951	40	114	52	72	124	78	6,800	113	124	95	8,700	528	-	-	-	-	-	
5,000 2,500 (1+1 SPARE)	75-135	80123	100	273	124	78	132	90	9,100	126	132	95	11,000	528	-	-	-	-	-	28
	135-200	60157	125	343	156	78	145	91	10,800	126	145	95	12,700	528	-	-	-	-	-	
5,000 2,500 (1+1 SPARE)	50-65	80951	40	114	52	72	144	78	6,800	113	144	130	9,500	792	-	-	-	-	-	30
	65-130	80123	100	273	124	78	152	90	7,800	126	152	130	10,500	792	-	-	-	-	-	
5,000 2,500 (1+1 SPARE)	130-200	80157	200	528	240	84	158	98	12,500	126	158	130	15,200	792	-	-	-	-	-	32
	70-130	10123	125	343	156	81	148	94	11,800	127	148	110	14,400	660	-	-	-	-	-	
5,000 2,500 (1+1 SPARE)	130-200	80157	200	528	240	87	160	98	13,500	133	160	110	16,100	660	-	-	-	-	-	34
	70-125	10123	125	343	156	83	150	94	12,800	143	150	130	16,900	792	-	-	-	-	-	
5,000 2,500 (1+1 SPARE)	125-200	80157	200	528	240	89	162	98	14,500	149	162	130	18,600	792	-	-	-	-	-	36
	65-125	10123	125	343	156	83	172	94	12,800	143	172	130	16,900	792	-	-	-	-	-	
5,000 2,500 (1+1 SPARE)	125-200	80157	200	528	240	89	170	98	14,500	149	170	130	18,600	792	-	-	-	-	-	38

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

GRUNDFOS ENGINEERED SYSTEMS

VLS PACKAGE *(Split Coupled Vertical Inline 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	50-85	20955	5	16.7	7.6	93	73	68	4,000	115	73	70	4,300	35	155	85	80	4,800	120	4	
	85-200	12707	15	46.2	21	81	76	78	4,600	103	76	80	4,900	35	143	88	80	5,400	120		
	50-80	25953	7.5	24.2	11	96	85	68	4,900	117	85	84	5,600	211	170	103	92	6,500	300		
333 (2+1 SPARE)	80-195	20705	15	46.2	21	84	84	78	5,300	105	84	84	6,000	211	158	102	92	6,900	300	5	
	195-200	20955	20	59.4	27	84	84	78	5,300	105	84	84	6,000	211	158	102	92	6,900	300		
	50-90	30957	10	30.8	14	97	92	71	5,100	125	92	73	5,700	158	177	110	92	6,600	300		
500 (2+1 SPARE)	90-200	25709	25	74.8	34	85	90	78	5,900	113	90	80	6,500	158	165	108	92	7,400	300	6	
	50-85	40957	15	46.2	21	113	93	78	6,800	141	93	80	7,500	158	194	111	92	8,400	300		
	85-115	30123	20	59.4	27	89	101	78	6,900	117	101	80	7,600	158	170	119	92	8,500	300		
666 (2+1 SPARE)	115-195	30707	30	88	40	89	94	78	7,300	117	94	80	8,000	158	170	112	92	8,900	300	8	
	195-200	25953	30	88	40	101	95	78	7,300	129	95	80	8,000	158	182	113	92	8,900	300		
	50-80	40957	15	46.2	21	113	106	78	6,800	141	106	95	7,700	264	200	127	110	9,100	500		
833 (2+1 SPARE)	80-195	40707	40	114	52	101	101	78	7,800	129	101	95	8,700	264	188	122	110	10,100	500	10	
	195-200	30957	40	114	52	101	102	78	7,800	129	102	95	8,700	264	188	123	110	10,100	500		
	50-80	5012A	15	46.2	21	101	102	78	6,800	129	102	107	7,800	370	188	123	110	9,200	500		
1,500 (2+1 SPARE)	80-185	40707	40	114	52	101	101	78	7,800	129	101	107	8,800	370	188	122	110	10,200	500	12	
	185-200	30957	40	114	52	101	102	78	7,800	129	102	107	8,800	370	188	123	110	10,200	500		
	50-130	5012A	40	114	52	104	119	78	9,200	145	119	107	10,500	370	204	140	110	11,900	500		
2,000 (2+1 SPARE)	130-160	50129	60	169	77	104	125	78	11,100	145	125	107	12,400	370	204	146	110	13,800	500	14	
	160-200	40957	50	143	65	116	112	78	9,300	157	112	107	10,600	370	216	133	110	12,000	500		
	50-155	50129	60	169	77	108	128	78	12,600	149	128	107	14,000	370	—	—	—	—			
1,666 (2+1 SPARE)	155-200	40957	60	169	77	120	121	78	12,600	161	121	107	14,000	370	—	—	—	—	16		
	50-70	60957	30	88	40	108	129	78	11,200	149	129	95	13,100	528	—	—	—	—			
	70-140	60125	60	169	77	108	135	80	12,600	149	135	95	15,900	528	—	—	—	—			
2,000 (2+1 SPARE)	140-200	50157	100	273	124	120	145	108	14,000	161	145	110	15,900	528	—	—	—	—	16		
	50-65	60957	30	88	40	108	129	78	11,200	149	129	130	13,900	792	—	—	—	—			
	65-130	60125	60	169	77	108	135	80	12,600	149	135	130	15,300	792	—	—	—	—			
2,333 (2+1 SPARE)	130-200	50959	100	273	124	120	131	108	14,000	161	131	130	16,700	792	—	—	—	—	16		
	50-80	80951	40	114	52	111	126	78	14,000	157	126	110	16,600	660	—	—	—	—			
	80-140	80123	100	273	124	123	134	108	15,700	169	134	110	18,300	660	—	—	—	—			
2,666 (2+1 SPARE)	140-200	60157	125	343	156	123	147	108	17,400	171	147	110	20,000	660	—	—	—	—	16		
	50-75	80951	40	114	52	113	128	78	16,100	173	128	130	20,200	792	—	—	—	—			
	75-135	80123	100	273	124	125	136	108	17,800	185	136	130	21,900	792	—	—	—	—			
3,000 (2+1 SPARE)	135-200	60157	125	343	156	125	149	108	19,500	185	149	130	23,600	792	—	—	—	—	16		
	50-70	80951	40	114	52	113	148	78	16,100	173	148	130	20,200	792	—	—	—	—			
	70-130	80123	100	273	124	125	156	108	17,800	185	156	130	21,900	792	—	—	—	—			
3,333 (2+1 SPARE)	130-200	60157	125	343	156	125	157	108	19,500	185	157	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	50-90	20955	5	16.7	7.6	129	73	68	5,700	151	73	70	6,000	35	191	85	80	6,500	120	4	
	90-200	12707	10	30.8	14	111	76	78	6,000	133	76	80	6,300	35	173	88	80	6,800	120		
	50-95	20959	7.5	24.2	11	132	86	78	7,300	153	86	84	8,000	211	206	104	92	8,900	300		
375 (3+1 SPARE)	95-195	15709	15	46.2	21	114	82	78	7,700	135	82	84	8,400	211	188	100	92	9,300	300	5	
	195-200	20705	15	46.2	21	114	84	78	7,700	135	84	84	8,400	211	188	102	92	9,300	300		
	50-75	25953	7.5	24.2	11	133	88	78	7,800	161	88	84	8,400	158	213	106	92	9,300	300		
562 (3+1 SPARE)	75-135	25121	15	46.2	21	133	92	78	8,200	161	92	84	8,800	158	213	110	92	9,700	300	6	
	135-190	20705	15	46.2	21	115	85	78	8,200	143	85	84	8,800	158	195	103	92	9,700	300		
	190-200	20955	25	74.8	34	133	93	78	9,200	161	93	84	9,800	158	213	111	92	10,700	300		
750 (3+1 SPARE)	50-90	30957	10	30.8	14	137	97	78	10,100	165	97	84	10,800	158	218	115	92	11,700	300	8	
	90-200	25709	25	74.8	34	119	99	78	11,100	147	99	84	11,800	158	200	117	92	12,700	300		
	50-85	40957	15	46.2	21	155	93	78	10,400	183	93	83	11,300	264	242	114	110	12,700	500		
937 (3+1 SPARE)	85-120	30123	20	59.4	27	119	101	78	10,800	147	101	83	11,700	264	206	122	110	13,100	500	10	
	120-200	30707	30	88	40	119	100	78	11,100	147	100	83	12,000	264	206	121	110	13,400	500		
	50-80	40957	15	46.2	21	155	93	78	10,400	183	93	107	11,400	370	242	114	110	12,800	500		
1,125 (3+1 SPARE)	80-185	30707	30	88	40	119	100	78	11,100	147	100	107	12,100	370	206	121	110	13,500	500	12	
	185-200	30957	40	114	52	137	103	78	11,700	165	103	107	12,700	370	224	124	110	14,100	500		
	50-80	5012A	15	46.2	21	140	105	78	13,400	181	105	107	14,300	370	240	126	110	15,700	500		
2,000 (3+1 SPARE)	80-185	40707	40	114	52	140	110	78	14,400	181	110	107	15,700	370	240	131	110	17,100	500	14	
	185-200	30957	40	114	52	140	110	78	14,400	181	110	107	15,700	370	240	131	110	17,100	500		
	50-75	50957	20	59.4	27	162	118	78	16,800	203	118	107	18,200	370	—	—	—	—			
2,500 (3+1 SPARE)	75-130	5012A	40	114	52	144	128	78	18,000	185	128	107	19,400	370	—	—	—	—	16		
	130-170	40707	40	114	52	144	117	78	18,000	185	117	107	19,400	370	—	—	—	—			
	170-200	40957	50	143	65	162	121	78	18,200	203	121	107	19,600								