



Commercial Panel Selection Guide

Guide for selecting correct commercial simplex or duplex panels for sewage, grinder and large effluent pumps based on voltage, amps and phase.

Panel to Pump

Simplex ▪ Single Phase

Panel Model	Pump Model		
SXL21=3	LSS152	LSS202	LSV152
SXL24=3	LSS152	LSS202	LSV152
SXH21=3	LSS302	LSV202	LSV302
SXH24=3	LSS302	LSV202	LSV302
SXK24=3	LSS502	LSV502	

Simplex ▪ External Cap

Panel Model	Pump Model		
SX24LC1=3	LSS152-C	LSS202-C	LSV152-C
SX24HC1=3	LSS302-C	LSV202-C	LSV302-C
SX24KC1=3	LSS502-C	LSV502-C	

Simplex ▪ Three Phase

Panel Model	Pump Model				
SX34=3-141	LSS154	LSV154			
SX34=3-171	LSS204	LSV204			
SX34=3-191	LSS153	LSS304	LSV153	LSV304	LSV504
SX34=3-511	LSS203	LSS303	LSS504	LSV203	LSV303
SX34=3-611	LSV503				
SX34=3-621	LSS503				
SX54=3-151	LSS155	LSS205	LSV155	LSV205	
SX54=3-161	LSS305	LSV305			
SX54=3-405	LSS505	LSV505			

Duplex ▪ Single Phase

Panel Model	Pump Model		
AE21L=3	LSS152	LSS202	LSV152
AE21L=4	LSS152	LSS202	LSV152
AE24L=3	LSS152	LSS202	LSV152
AE24L=4	LSS152	LSS202	LSV152
AE21H=3	LSS302	LSV202	LSV302
AE21H=4	LSS302	LSV202	LSV302
AE24H=3	LSS302	LSV202	LSV302
AE24H=4	LSS302	LSV202	LSV302
AE24K=3	LSS502	LSV502	
AE24K=4	LSS502	LSV502	



Duplex ■ External Cap

Panel Model	Pump Model		
AE24LC2=3	LSS152-C	LSS202-C	LSV152-C
AE24LC2=4	LSS152-C	LSS202-C	LSV152-C
AE24HC2=3	LSS302-C	LSV202-C	LSV302-C
AE24HC2=4	LSS302-C	LSV202-C	LSV302-C
AE24KC2=3	LSS502-C	LCV502-C	
AE24KC2=4	LSS502-C	LCV502-C	

Duplex ■ Three Phase

Panel Model	Pump Model				
AE34=3-141	LSS154	LSV154			
AE34=4-141	LSS154	LSV154			
AE34=3-171	LSS204	LSV204			
AE34=4-171	LSS204	LSV204			
AE34=3-191	LSS153	LSS304	LSV153	LSV304	LSV504
AE34=4-191	LSS153	LSS304	LSV153	LSV304	LSV504
AE34=3-511	LSS203	LSS303	LSS504	LSV203	LSV303
AE34=4-511	LSS203	LSS303	LSS504	LSV203	LSV303
AE34=3-611	LSV503				
AE34=4-611	LSV503				
AE34=3-621	LSS503				
AE34=4-621	LSS503				
AE54=3-151	LSS155	LSS205	LSV155	LSV205	
AE54=4-151	LSS155	LSS205	LSV155	LSV205	
AE54=3-161	LSS305	LSV305			
AE54=4-161	LSS305	LSV305			
AE54=3-405	LSS505	LSV505			
AE54=4-405	LSS505	LSV505			

Model	Simplex		Duplex		Capacitor Kit If Required
	NEMA 1	NEMA 4X	NEMA 1	NEMA 4X	

2 Vane Horizontal or Vertical Discharge

Pump Model	Panel Model				
LSS152	SXL21=3	SXL24=3	AE21L=3 or 4	AE24L=3 or 4	
LSS152-C		SX24LC1=3		AE24LC2=3 or 4	K001745
LSS153		SX34=3-191		AE34=3-191 (or =4-)	
LSS154		SX34=3-141		AE34=3-141 (or =4-)	
LSS155		SX54=3-151		AE54=3-151 (or =4-)	
LSS202	SXL21=3	SXL24=3	AE21L=3 or 4	AE24L=3 or 4	
LSS202-C		SX24LC1=3		AE24LC2=3 or 4	K001745
LSS203		SX34=3-511		AE34=3-511 (or =4-)	
LSS204		SX34=3-171		AE34=3-171 (or =4-)	
LSS205		SX54=3-151		AE54=3-151 (or =4-)	
LSS302	SXH21=3	SXH24=3	AE21H=3 or 4	AE24H=3 or 4	
LSS302-C		SX24HC1=3		AE24HC2=3 or 4	K001746
LSS303		SX34=3-511		AE34=3-511 (or =4-)	
LSS304		SX34=3-191		AE34=3-191 (or =4-)	
LSS305		SX54=3-161		AE54=3-161 (or =4-)	
LSS502		SXK24=3		AE24K=3 or 4	
LSS502-C		SX24KC1=3		AE24KC2=3 or 4	K001747
LSS503		SX34=3-621		AE34=3-621 (or =4-)	
LSS504		SX34=3-511		AE34=3-511 (or =4-)	
LSS505		SX54=3-405		AE54=3-405 (or =4-)	

Vortex Horizontal or Vertical Discharge

Pump Model	Panel Model				
LSV152	SXL21=3	SXL24=3	AE21L=3 or 4	AE24L=3 or 4	
LSV152-C		SX24LC1=3		AE24LC2=3 or 4	K001745
LSV153		SX34=3-191		AE34=3-191 (or =4-)	
LSV154		SX34=3-141		AE34=3-141 (or =4-)	
LSV155		SX54=3-151		AE54=3-151 (or =4-)	
LSV202	SXH21=3	SXH24=3	AE21H=3 or 4	AE24H=3 or 4	
LSV202-C		SX24HC1=3		AE24HC2=3 or 4	K001745
LSV203		SX34=3-511		AE34=3-511 (or =4-)	
LSV204		SX34=3-171		AE34=3-171 (or =4-)	
LSV205		SX54=3-151		AE54=3-151 (or =4-)	
LSV302	SXH21=3	SXH24=3	AE21H=3 or 4	AE24H=3 or 4	
LSV302-C		SX24HC1=3		AE24HC2=3 or 4	K001746
LSV303		SX34=3-511		AE34=3-511 (or =4-)	
LSV304		SX34=3-191		AE34=3-191 (or =4-)	
LSV305		SX54=3-161		AE54=3-161 (or =4-)	
LSV502		SXK24=3		AE24K=3 or 4	
LSV502-C		SX24KC1=3		AE24KC2=3 or 4	K001747
LSV503		SX34=3-611		AE34=3-611 (or =4-)	
LSV504		SX34=3-191		AE34=3-191 (or =4-)	
LSV505		SX54=3-405		AE54=3-405 (or =4-)	