



AC Motor Control Systems

Electronic Flow Control

Pro's	Con's
Includes basic motor protection.	Sensitive to leakages in the system.
Relatively inexpensive.	Non Adjustable. (Pressure)
Low Maintenance and simple installation	Increased pump start-ups.

TECHNICAL FEATURES

Rated Voltage:	220VAC, 50Hz
Maximum current:	10 Amp
Protection grade:	IP65
Starting pressure:	1.5bar
Maximum pressure:	10bar
Inlet/outlet size:	(1" x 1") BSP

MODEL	INPUT VOLTAGE	FREQUENCY	CURRENT	POWER	
	(V)	(Hz)	(A)	(W)	(HP)
SKD-2CD	220	50	10	1500	2



Mechanical Pressure System

Pro's	Con's
Water buffer available in the system.	No motor protection
Accommodates small leakages in system.	Pressure vessel requires maintenance on bladder every few years.
Adjustable on/off pressure variable.	
Reduced pump start-ups. (Extended pump life)	

TECHNICAL FEATURES

Rated Voltage:	220VAC, 50Hz
Maximum current:	12 Amp
Protection grade:	IP20
Pre-set on-off pressure:	1.4 - 2.8bar
Maximum pressure:	6bar
Joint screw:	G1/4"



MODEL	INPUT VOLTAGE	FREQUENCY	CURRENT	POWER	
	(V)	(Hz)	(A)	(W)	(HP)
SK-2	220	50	12	2200	3

Variable Speed Drive

Pro's	Con's
Full motor protection and monitoring.	Relatively expensive.
Energy saving: As much as 70% saving by manipulating the motors input frequency.	VSD needs to be protected from elements and ventilated.
Ideal for applications with a wide min/max water demand.	
Constant programmable pressure.	
Motor life is extended due to soft start.	

TECHNICAL SPECIFICATIONS

ITEM	SPECIFICATIONS
Control Model	SPWM
Input	220V: 220±15%; 380V: 380±15%; 525V: 525±15%
Output Voltage	0~input voltage
5-Digit Display & Status Indicator light	This shows frequency, current, speed, voltage, set pressure, current pressure, fault and so on
Communication Control	RS-485
Operating Temperature	-10~40°C
Ambient Humidity	0-95% relative humidity (non-condensing)
Vibration	<0.5G

