

PMP 7.5-10HP Single Phase VFD Initial Settings

Please note these are initial recommended settings. All settings should be programmed and double checked by a qualified electrician. ***Because of varying models/inverters parameter numbers may be different. Please consult the instruction manual with VFD unit.** VFD unit in this configuration is not used as a VFD, solely as a phase inverter to create three phase operation where only single phase is available.

Par #	Description	Setting	Notes
000	Lock/Unlock	0	Maybe locked after parameters set
001	Operation Type:	0	Operator/Manual -Does not use External/Coms port
002	Frequency Source	0	Operator/Manual -Does not use External/Coms port
003	Frequency Setting	60hz	Main Freq. Setting
004	Base Frequency	60hz	
005	Max Frequency	60hz	Maybe set to 60.1 if needs to be higher than min.
006	Intermediate Frequency	40hz	
007	Min Frequency	40hz	Starting Frequency
008	Max Voltage	220V	Check Motor Nameplate
009	Intermediate Voltage	15	
010	Min Voltage	8	
011	Frequency Lower Limit	40	
012	Blank		
013	Parameter Reset	0	Set to 8 for Factory Reset
014	Accel Time 1	0.1	
015	Decell Time 1	0.1	
016	Accel Time 2	0.1	
017	Decel Time 2	0.1	
018	Accel Time 3	0.1	
019	Decel Time 3	0.1	
020	Accel Time 4	0.1	
021	Decel Time 4	0.1	
022	Blank		
023	Revolution Select	0	This can reverse rotation by setting to 1. Ensure proper direction of pump.
024	Stop Validation	0	Stop button valid.
025	Starting Mode	0	Start from starting frequency
026	Stopping Mode	0	Decelerating Stop
027	Starting Frequency	40hz	
028	Stopping Frequency	40hz	
029	DC Braking Time at Start	0	No DC Braking
030	DC Braking Time at Stop	0	No DC Braking
141	Rated Motor Voltage	220	Check Motor Nameplate
142	Rated Motor Current	~26	Check Motor Nameplate
172	Fault Clear	0	Set to 1 to clear faults

Some VFD Units may have additional parameters. These should all be left to factory settings since the VFD unit in this configuration should not need any additional settings regarding ramp up/down, external communication, counters, etc. But it is important to have a qualified electrician review **ALL** the parameters/settings to ensure they are correct and acceptable.

These parameters provided are only the base configuration for the main settings needed for a three phase conversion.

