



**Techsys**  
Corporation

# SNAPPER DANFOSS 6000 SERIES VFD SETTINGS

Parameters	DESCRIPTION	Danfoss DEFAULT	Snapper Set-up	COMMISSIONING DATA		
				///	///	///
006	Unit for user	No Unit	%			
100	Configuration	Open loop	Closed Loop			
102	Motor power	Depends on unit	Motor Nameplate			
103	Motor Voltage	Depends on unit	Motor Nameplate			
104	Motor Frequency	50Hz	Motor Nameplate			
105	Motor Current	Depends on unit	Motor Nameplate			
106	Rated motor speed	Depends on unit	Motor Nameplate			
205	Max ref	50	100%			
206	Ramp up time	Depends on unit	2 sec*			
207	Ramp down time	Depends on unit	2 sec			
308	Terminal 53	Reference	Reference			
309	Terminal 53 min	0.0V	0.0V			
310	Terminal 53 Max	10.0V	10.0V			
311	Terminal 54	No Operation	Feedback			
312	Terminal 54 min	0.0V	0.0V			
313	Terminal 54 Max	10.0V	10.0V			
326	Relay 2,	Running	Alarm			
422	PID Start up freq	0Hz	20Hz			
423	PID Proportional Gain	0.01	0.3**			
424	PID Intergration Time	Off	1.3			

\* increase for slower system response, decrease for faster system response.

\*\* Increase for faster system response decrease for more stable pressure around Set point