



Please follow steps 1-18

Step	Inverter	Description	ZZ150045 S0 90 2,2 kW	ZZ108055 S0 60 2,2 kW	ZZ150045 D0 90 3,0 kW	ZZ150070 D0 90 4,0 kW	AZ 220-55-P140A 5,5 kW	ZZ108055 S0 90 1,5 kW	
1	P-03	Time acc [sec.]	for 1,5kW - 15 , for 3,0-5,5kW - 20						
2	P-04	Time dec [sec.]	for 1,5kW - 15 , for 3,0-5,5kW - 20						
3	P-05	Stop mode	1						
4	P-06	Energy optimizer	1						
5	P-07	Motor Voltage [V]	286	301	285	286	266	317	
6	P-08	Motor Current [A]	4,3	4,9	7,6	7,5	12,8	3,2	
7	P-09	Motor freq [Hz]	164,2	295,0	289,2	200,0	200,0	212,0	
8	P-10	Motor speed [RPM]	2480	3690	3350	3100	2740	2550	
9	P-11	Torque boost	10						
10	P-12	Control source	3 (1 for local Test)						
11	P-14	Password	201						
12	P-51	Motor control	3						
13	P-55	Resistance [Ω]	0,99	0,87	0,34	0,45	0,12	2,03	
14	P-56	Inductance Lsd [mH]	19	9	7	9,5	5,3	20	
15	P-57	Inductance Lsq [mH]	22	10,4	7,5	10,9	5,8	23	
16	P-01	Maximum freq [RPM]	DTR	DTR	DTR	DTR	DTR	DTR	
17	P-36	Address	Modbus address: 2 - Supply fan 1 3 - Return fan 1 5 - Supply fan 2 6 - Return fan 2 7 - Supply fan 3 8 - Return fan 3 9 - Supply fan 4 10 - Return fan 4 9600 (9,6). 3000						
18	P-52	Autotuning	1						
		BEMF at 1000 rpm [V] / used fror P-07/	145	85	82	119	111	127	

-> Please double check against data in motor nameplate

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-> This information can be found in AHU datasheet "VI"

After setting steps 1-17 please run autotuning

FD settings"