

MASTER REGISTER	SLAVE REGISTER	SLAVE NAME	DESCRIPTION	DATA TYPE	RANGE
READS					
43000	43000	Blower	Digital Outputs	Binary	0,1
43001	43001	Blower	Digital Inputs	Binary	0,1
43002	43002	Blower	Analog Input 0	Integer	0-32767
43003	43003	Blower	Analog Input 1	Integer	0-32767
43004	43004	Blower	Analog Input 2	Integer	0-32767
43005	43005	Blower	Analog Input 3	Integer	0-32767
43006	43006	Blower	Analog Input 4	Integer	0-32767
43007	43007	Blower	Scaled Differential Pressure	Float	0-1.0 "H2O
43008	43008	Blower			
43009	43009	Blower			
43010	43010	Blower	Scaled Damper Output Position	Float	0-100.0 %
43011	43000	Gas	Digital Outputs	Binary	0,1
43012	43001	Gas	Digital Inputs	Binary	0,1
43013	43002	Gas	Analog Input 0	Integer	0-32767
43014	43003	Gas	Analog Input 1	Integer	0-32767
43015	43004	Gas	Analog Input 2	Integer	0-32767
43016	43005	Gas	Analog Input 3	Integer	0-32767
43017	43006	Gas	Analog Input 4	Integer	0-32767
43018	43007	Gas	Scaled Gas Pressure	Float	0-100.0 psi
43019	43008	Gas			
43020	43000	Conveyor	Digital Outputs	Binary	0,1
43021	43001	Conveyor	Digital Inputs	Binary	0,1
43022	43002	Conveyor	Analog Input 0	Integer	0-32767
43023	43003	Conveyor	Analog Input 1	Integer	0-32767
43024	43004	Conveyor	Analog Input 2	Integer	0-32767
43025	43005	Conveyor	Analog Input 3	Integer	0-32767
43026	43006	Conveyor	Analog Input 4	Integer	0-32767
43027	43007	Conveyor	Block Color 0	Integer	0=Black, 1=White
43028	43008	Conveyor	Block Color 1	Integer	0=Black, 1=White
43029	43009	Conveyor	Block Color 2	Integer	0=Black, 1=White
43030	43010	Conveyor	Block Color 3	Integer	0=Black, 1=White
43031	43011	Conveyor	Block Color 4	Integer	0=Black, 1=White
43032	43012	Conveyor	Conveyor Right Position 1	Integer	0-32767
43033	43013	Conveyor	Conveyor Right Position 2	Integer	0-32767
43034	43014	Conveyor	Conveyor Left Position 1	Integer	0-32767
43035	43015	Conveyor	Conveyor Left Position 2	Integer	0-32767
43036	43000	Raised Tank	Digital Outputs	Binary	0,1
43037	43001	Raised Tank	Digital Inputs	Binary	0,1
43038	43002	Raised Tank	Analog Input 0	Integer	0-32767
43039	43003	Raised Tank	Analog Input 1	Integer	0-32767
43040	43004	Raised Tank	Analog Input 2	Integer	0-32767
43041	43005	Raised Tank	Analog Input 3	Integer	0-32767
43042	43006	Raised Tank	Analog Input 4	Integer	0-32767
43043	43007	Raised Tank	Simulated Scaled Tank Level	Float	0-100.0 %
43044	43008	Raised Tank			
43045	43009	Raised Tank	Spare		
43046	43000	Ground Tank	Digital Outputs	Binary	0,1
43047	43001	Ground Tank	Digital Inputs	Binary	0,1
43048	43002	Ground Tank	Analog Input 0	Integer	0-32767
43049	43003	Ground Tank	Analog Input 1	Integer	0-32767
43050	43004	Ground Tank	Analog Input 2	Integer	0-32767
43051	43005	Ground Tank	Analog Input 3	Integer	0-32767
43052	43006	Ground Tank	Analog Input 4	Integer	0-32767
43053	43007	Ground Tank	Scaled Tank Level	Float	0-100.0 %
43054	43008	Ground Tank			
43055	43009	Ground Tank	Spare		

MODBUS REGISTER	SLAVE REGISTER	SLAVE NAME	DESCRIPTION	DATA TYPE	RANGE
WRITES					
43500	43050	Blower	HMI System Run Command	Integer	0=Off, 1=Run
43501	43051	Blower	DIO 5 Control	Integer	0=Off, 1=On
43502	43052	Blower	DIO 6 Control	Integer	0=Off, 1=On
43503	43053	Blower	DIO 7 Control	Integer	0=Off, 1=On
43504	43054	Blower	PID Setpoint	Float	0-1.0 "H2O
43505	43055	Blower			
43506	43056	Blower	PID Gain	Float	0-100
43507	43057	Blower			
43508	43058	Blower	PID Reset	Float	0-100
43509	43059	Blower			
43510	43060	Blower	PID Rate	Float	0-100
43511	43061	Blower			
43512	43062	Blower	PID Deadband	Float	0-100
43513	43063	Blower			
43514	43064	Blower	PID Cycle Time	Float	0-100
43515	43065	Blower			
43516	43050	Gas	HMI Control Scheme Status	Integer	0=Pump, 1=Solenoid
43517	43051	Gas	HMI System Control Status	Integer	0=Off, 1=Man, 2=Auto
43518	43052	Gas	HMI Manual Pump Run Command	Integer	0=Off, 1=Run
43519	43053	Gas	HMI Manual Solenoid Open Command	Integer	0=Close, 1=Open
43520	43054	Gas	Spare		
43521	43055	Gas	Spare		
43522	43056	Gas	PID Setpoint	Float	0-50 psi
43523	43057	Gas			
43524	43058	Gas	PID Gain	Float	0-100
43525	43059	Gas			
43526	43060	Gas	PID Reset	Float	0-100
43527	43061	Gas			
43528	43062	Gas	PID Rate	Float	0-100
43529	43063	Gas			
43530	43064	Gas	PID Deadband	Float	0-100
43531	43065	Gas			
43532	43066	Gas	PID Cycle Time	Float	0-100
43533	43067	Gas			
43534	43050	Conveyor	HMI System Control Status	Integer	0=Off, 1=Man, 2=Auto
43535	43051	Conveyor	HMI Manual Conveyor Run Command	Integer	0=Off, 1=Run
43536	43052	Conveyor	HMI Manual Gate Right Command	Integer	0=Left, 1=Right
43537	43053	Conveyor	HMI Manual Conveyor Direction Command	Integer	0=Fwd, 1=Rev
43538	43054	Conveyor	Spare		
43539	43055	Conveyor	Spare		
43540	43056	Conveyor	Spare		
43541	43050	Raised Tank	HMI System Control Status	Integer	0=Off, 1=Man, 2=Auto
43542	43051	Raised Tank	HMI Manual Pump Run Command	Integer	0=Off, 1=Run
43543	43052	Raised Tank	HMI Town House Light Command	Integer	0=Off, 1=On
43544	43053	Raised Tank	Spare		
43545	43054	Raised Tank	Spare		
43546	43055	Raised Tank	Spare		
43547	43050	Ground Tank	HMI System Control Status	Integer	0=Off, 1=Man, 2=Auto
43548	43051	Ground Tank	HMI Manual Pump Run Command	Integer	0=Off, 1=Run
43549	43052	Ground Tank	Spare		
43550	43053	Ground Tank	Spare		
43551	43054	Ground Tank	Spare		
43552	43055	Ground Tank	Spare		