

MODBUS Table - HOSPITAIR 1/2/G/Pack screw / piston / scroll
COM Parameters [05-2014]



Parameters	Word number	Bit	List of choice
General			
Compressor type	%MW600		
Number of lines	%MW601		
Line A order	%MW602	no	0=C / 1=F / 2=M
Line B order	%MW603	no	0=C / 1=F / 2=M
Line C order	%MW604	no	0=C / 1=F / 2=M
Line D order	%MW605	no	0=C / 1=F / 2=M
Line A hour meter	%MW706*32768+%MW707	no	Hour
Line B hour meter	%MW708*32768+%MW709	no	Hour
Line C hour meter	%MW710*32768+%MW711	no	Hour
Line D hour meter	%MW712*32768+%MW713	no	Hour
Permutation	%MW606	no	0=Cyclic / 1= accumulated / 2=Not present
Permutation Time	%MW607	no	Hour
Flexo type	%MW608		
Flexo time	%MW609		
Upper limit backup time	%MW610	no	
Compressor fault / BEKO fault / temperature fault response time	%MW611		
Pressure response time	%MW612		
Working out of frost	%MW613:x0		
Inactive working	%MW613:x1		
Inactive time	%MW614		
Forced operation time	%MW615		
Serial number	%MW616*32768+%MW617		
Energy surveillance	%MW613:x2		
Transducteur calibre	%MW618		
Undervoltage alarm threshold	%MW619		
Overvoltage alarm threshold	%MW620		
Over-current alarm threshold	%MW621		
Total kW.h	%MW775*32768+%MW776		
Current month kW.h	%MW777*32768+%MW778		
Previous month kW.h	%MW779*32768+%MW780		
Pressure			
Line stop	%MW622/10		Pressure unit
1 st Line	%MW623/10		Pressure unit
2 nd Line	%MW624/10		Pressure unit
3 rd Line	%MW625/10		Pressure unit
4 th Line	%MW626/10		Pressure unit
Regulation alarm	%MW627/10		Pressure unit
C2A	%MW613:x3		
9 bar network high alarm (C2A)	%MW628/10		Pressure unit
9 bar network low alarm (C2A)	%MW629/10		Pressure unit
C8A	%MW613:x4		
5 bar network high alarm (C8A)	%MW630/10		Pressure unit
5 bar network low alarm (C8A)	%MW631/10		Pressure unit



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Parameters	Word number	Bit	List of choice
Cylinder activation	%MW632/10		Pressure unit
Pressure unit	%MW633		
HPA (C4A)	%MW670		
HPB (C5A)	%MW671		
HP cylinder alarm	%MW634		Pressure unit
HP cylinder prealarm	%MW635		Pressure unit
Booster HP stop threshold	%MW636		Pressure unit
Booster HP working threshold	%MW637		Pressure unit
Rate of Booster HP	%MW638		
Booster HP STOP threshold (C1A)	%MW639		
Booster HP STOP hysteresis (C1A)	%MW640/10		Pressure unit
GAS			
Hygrometry sensor	%MW613:x7		
Unit of hygrometry	%MW641		
Hygrometry management	%MW613:x8		
Hygrometry threshold	%MW642		
Hygrometry hysteresis	%MW643		
Hygrometry time capital	%MW644		
Hygrometry masking time	%MW645		
Hygrometry effect	%MW613:x9		
CO2 (C6A)	%MW613:x10		
CO2 external fault (I13)	%MW613:x11		
CO2 alarm threshold	%MW646		
CO2 hysteresis	%MW647		
CO2 effect (C6)	%MW613:x12		
CO (C7A)	%MW613:x13		
CO external fault (I14)	%MW613:x14		
CO alarm threshold	%MW648/10		
CO hysteresis	%MW649/10		
CO effect (C7)	%MW613:x15		
O2 Medical air (C10A)	%MW650:x0		
O2 Medical air high alarm threshold	%MW651/10		
O2 Medical air low alarm threshold	%MW652/10		
O2 Medical air hysteresis	%MW653/10		
O2 Medical air effect	%MW650:x1		
O2 Ambient air (C11A)	%MW650:x2		
O2 Ambient air high alarm threshold	%MW654/10		
O2 Ambient air low alarm threshold	%MW655/10		
O2 Ambient air hysteresis	%MW656/10		
O2 Ambient air effect	%MW650:x3		
NO2	%MW650:x4		
NO2 alarm threshold	%MW657/100		
NO2 hysteresis	%MW658/100		
NO2 effect	%MW650:x5		

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Parameters	Word number	Bit	List of choice
NO	%MW650:x6		
NO alarm threshold	%MW659/100		
NO hysteresis	%MW660/100		
NO effect	%MW650:x7		
SO2	%MW650:x8		
SO2 alarm threshold	%MW661/100		
SO2 hysteresis	%MW673/100		
SO2 effect	%MW650:x9		
Flow	%MW650:x12		
20 mA Flow	%MW674		
Flow alarm	%MW684:x8		
m3 Total	%MW769*32768+%MW770		
m3/h Average flow	%MW750/10		
m3 Total current month	%MW771*32768+%MW772		
m3/h Medium current month	%MW751/10		
m3 Total previous month	%MW773*32768+%MW774		
m3/h Average previous month	%MW752/10		
Temperature			
Fan threshold	%MW662	no	Unit of temperature
Line operation synchronised	%MW650:x10		
Fan stop delay time	%MW663		
Room high temperature alarm threshold	%MW664	no	Unit of temperature
Room low temperature alarm threshold	%MW665	no	Unit of temperature
Room temperature hysteresis	%MW666		
High temperature delta	%MW667	no	Unit of temperature
Placing out of frost threshold	%MW668	no	Unit of temperature
Unit of temperature	%MW650:x11		0=°C / 1=°F
Temperature response time	%MW669	no	Seconde
Fault			
Compressor A fault	%MW682:x0		0=Inactive / 1=Active
Compressor B fault	%MW682:x1		0=Inactive / 1=Active
Compressor C fault	%MW682:x2		0=Inactive / 1=Active
Compressor D fault	%MW682:x3		0=Inactive / 1=Active
BEKO A fault	%MW682:x4		0=Inactive / 1=Active
BEKO B fault	%MW682:x5		0=Inactive / 1=Active
BEKO C fault	%MW682:x6		0=Inactive / 1=Active
BEKO D fault	%MW682:x7		0=Inactive / 1=Active
Dryer A temperature fault	%MW682:x8		0=Inactive / 1=Active
Dryer B temperature fault	%MW682:x9		0=Inactive / 1=Active
Dryer C temperature fault	%MW682:x10		0=Inactive / 1=Active
Dryer D temperature fault	%MW682:x11		0=Inactive / 1=Active
Line A hygrometry fault	%MW682:x12		0=Inactive / 1=Active
Line B hygrometry fault	%MW682:x13		0=Inactive / 1=Active
Line C hygrometry fault	%MW682:x14		0=Inactive / 1=Active
Line D hygrometry fault	%MW682:x15		0=Inactive / 1=Active



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Parameters	Word number	Bit	List of choice
Upper limit alarm	%MW683:x5		0=Inactive / 1=Active
Regulation alarm	%MW683:x0		0=Inactive / 1=Active
9 bar network high alarm	%MW683:x1		0=Inactive / 1=Active
9 bar network low alarm	%MW683:x2		0=Inactive / 1=Active
5 bar network high alarm	%MW683:x3		0=Inactive / 1=Active
5 bar network low alarm	%MW683:x4		0=Inactive / 1=Active
Room high temperature alarm	%MW683:x6		0=Inactive / 1=Active
Room low temperature alarm	%MW683:x7		0=Inactive / 1=Active
Cylinder activation	%MW683:x8		0=Inactive / 1=Active
HP A cylinder alarm	%MW683:x9		0=Inactive / 1=Active
HP B cylinder alarm	%MW681:x9		0=Inactive / 1=Active
Room high temperature + delta	%MW681:x8		0=Inactive / 1=Active
CO2 sensor alarm	%MW683:x14		0=Inactive / 1=Active
External CO2 alarm	%MW681:x11		0=Inactive / 1=Active
CO sensor alarm	%MW683:x15		0=Inactive / 1=Active
External CO alarm	%MW681:x12		0=Inactive / 1=Active
O2 Medical air low alarm	%MW683:x13		0=Inactive / 1=Active
O2 Medical air high alarm	%MW683:x12		0=Inactive / 1=Active
O2 Ambient air low alarm	%MW683:x11		0=Inactive / 1=Active
O2 Ambient air high alarm	%MW683:x10		0=Inactive / 1=Active
NO2 alarm	%MW681:x0		0=Inactive / 1=Active
NO alarm	%MW681:x10		0=Inactive / 1=Active
SO2 alarm	%MW681:x1		0=Inactive / 1=Active
C1A out of range alarm	%MW684:x0		0=Inactive / 1=Active
C2A out of range alarm	%MW684:x1		0=Inactive / 1=Active
C8A out of range alarm	%MW684:x9		0=Inactive / 1=Active
Box temperature sensor out of order	%MW684:x2		0=Inactive / 1=Active
HP A (C4A) out of range alarm	%MW684:x4		0=Inactive / 1=Active
HP A (C5A) out of range alarm	%MW684:x5		0=Inactive / 1=Active
CO2 (C6A) out of range alarm	%MW684:x6		0=Inactive / 1=Active
CO (C7A) out of range alarm	%MW684:x7		0=Inactive / 1=Active
O2 (C9A) out of range alarm	%MW684:x10		0=Inactive / 1=Active
Hygrometry (S1A) out of range alarm	%MW684:x3		0=Inactive / 1=Active
NO2 out of range alarm	%MW684:x12		0=Inactive / 1=Active
NO out of range alarm	%MW684:x14		0=Inactive / 1=Active
SO2 out of range alarm	%MW684:x13		0=Inactive / 1=Active
Undervoltage alarm	%MW681:x3		0=Inactive / 1=Active
Overvoltage alarm	%MW681:x2		0=Inactive / 1=Active
Over-current alarm	%MW681:x4		0=Inactive / 1=Active
Energy module cut-link	%MW681:x5		0=Inactive / 1=Active
Extension card cut-link	%MW681:x7		0=Inactive / 1=Active

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Parameters	Word number	Bit	Liste of choice
Inputs			
Compressor A back operation	%MW685:x0		0=Inactive / 1=Active
Compressor B back operation	%MW685:x1		0=Inactive / 1=Active
Compressor C back operation	%MW685:x2		0=Inactive / 1=Active
Compressor D back operation	%MW685:x3		0=Inactive / 1=Active
BEKO A fault input	%MW685:x4		0=Inactive / 1=Active
BEKO B fault input	%MW685:x5		0=Inactive / 1=Active
BEKO C fault input	%MW685:x6		0=Inactive / 1=Active
BEKO D fault input	%MW685:x7		0=Inactive / 1=Active
Dryer A temperature fault input	%MW685:x8		0=Inactive / 1=Active
Dryer B temperature fault input	%MW685:x9		0=Inactive / 1=Active
Dryer C temperature fault input	%MW685:x10		0=Inactive / 1=Active
Dryer D temperature fault input	%MW685:x11		0=Inactive / 1=Active
CO2 external fault input	%MW685:x12		0=Inactive / 1=Active
CO external fault input	%MW685:x13		0=Inactive / 1=Active
Booster HP On/Off input	%MW685:x14		0=Inactive / 1=Active
Booster HP Emergency stop input	%MW685:x15		0=Inactive / 1=Active
Booster HP rate pressure switch (PCA) input	%MW705:x0		0=Inactive / 1=Active
On/Off outputs			
Compressor A operation	%MW686:x0		0=Inactive / 1=Active
Compressor B operation	%MW686:x1		0=Inactive / 1=Active
Compressor C operation	%MW686:x2		0=Inactive / 1=Active
Compressor D operation	%MW686:x3		0=Inactive / 1=Active
9 bar network high pressure alarm	%MW686:x4		0=Inactive / 1=Active
9 bar network low pressure alarm	%MW686:x5		0=Inactive / 1=Active
5 bar network high pressure alarm	%MW686:x6		0=Inactive / 1=Active
5 bar network low pressure alarm	%MW686:x7		0=Inactive / 1=Active
Fan of room	%MW686:x8		0=Inactive / 1=Active
Heating flap	%MW686:x9		0=Inactive / 1=Active
CO2 alarm	%MW686:x10		0=Inactive / 1=Active
CO alarm	%MW686:x11		0=Inactive / 1=Active
(S1A) hygrometry alarm	%MW686:x12		0=Inactive / 1=Active
HPA cylinder alarm	%MW686:x13		0=Inactive / 1=Active
HPB cylinder alarm	%MW686:x14		0=Inactive / 1=Active
Alarm synthesis	%MW686:x15		1=Inactive / 0=Active
Analog inputs			
Regulation pressure C1A	%MW687/10		Pressure unit
Network pressure C2A	%MW688/10		Unit of temperature
Hygrometry (S1A)	%MW689 (mot signé)		Unit of temperature
HPA cylinder pressure (C4A)	%MW690		Unit of temperature
HPB cylinder pressure (C5A)	%MW691		Unit of temperature
CO2 sensor	%MW692		Unit of temperature
CO sensor	%MW693/10		Unit of temperature
Box temperature	%MW694		Unit of temperature



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Parameters	Word number	Bit	List of choice
5 bar network pressure (C8A)	%MW695/10		Pressure unit
Ambient O2 sensor	%MW696/10		Pressure unit
Medical air O2 sensor	%MW697/10		Unit of hygrometry
NO2 sensor	%MW698/100		Pressure unit
SO2 sensor	%MW699/100		Ppm
NO sensor	%MW700/100		Ppm
Voltage	%MW701		Volt
Current	%MW702		Amp
Power	%MW703		KW
Flow rate m3/h	%MW704		

Fault indicator	%MW27:x0		
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Exclamation point	%MW27:x3		
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Maintenance information	%MW27:x1		
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