MODBUS / Yorktalk Points Map **for the Elink Gateway**

NOTE	COMMUNICATIONS MODE: MODBUS RTU
1	**This document must be accompanied by the appropriate York Equipment Data Map. Contact your local JCI representative with questions.**
2	All the data points that are selected using Quick Start are of the type signed integer. That is, S is set for 3 when the point is X10 and 2 when the point is X1.
3	In the case of the optional York Talk 2 Slave unit, the Modbus addresses will start in the 0100 range, eg: 0101, 0102, 0103,….etc, scaling will match theMaster unit.
4	Contact your Local JCI York Controls Representative for the appropriate Chiller YORKTALK Type
5	Contact your Local JCI York Controls Representative for the appropriate YorkTalk Points Description Listings
6	Yorktalk Equipment data maps are extensible.
7	Modbus communications default is 9600 baud, EVEN parity, 8 Data, 1 Stop
8	Remember : The actual actual Modbus address transmitted in the Modbus Message packet = this address -1)
9	Function Types: 01= Read Coil Status; 02= Read Input Status; 03 = Read Holding Registers; 04= Read Input Registers; 05= Force Single Coil , 06 =Preset Single Register, 15 = Force Multiple Coils; 16= Reset Multip
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LINE UP WITH YORK TALK POINTS LISTING BY **ENG** PAGE #

ENG Page Ref	Chiller Point Type	Modbus References Supported	Modbus Function Types Supported	Modbus Address	York Talk 2 1200 Scale Scaling	York Talk 2 4800 Scale Scaling	York Talk 3 YK/ YST Scaling	York Talk 3 YT Scaling	York Talk 3 YS/YR Scaling	York Talk 3 YD Scaling	YORK TALK POINT LIST DESCRIPTION	ENG Page Ref
			(see note 9)	(see note 3,8)	(see note 4,6)	(see note 4,6)	(see note 4,6)	(see note 4,6)	(see note 4,6)	(see note 4,6)	(see note 5)	
P03	Analog Input	4X	03, 06, 16	0001	Div 10	Div 10	Div 10	Div 10	Div 10	Div 10	See appropriate York® Equipment Points Map	P03
P04	Analog Input	4X	03, 06, 16	0002	Div 10	Div 10	Div 10	Div 10	Div 10	Div 10	See appropriate York® Equipment Points Map	P04
P05	Analog Input	4X	03, 06, 16	0003	Div 10	Div 10	Div 10	Div 10	Div 10	Div 10	See appropriate York® Equipment Points Map	P05
P06	Analog Input	4X	03, 06, 16	0004	Div 10	Div 10	Div 10	Div 10	Div 10	Div 10	See appropriate York® Equipment Points Map	P06
P07	Digital Input	0X, 4X	01, 03, 05, 15, 06, 16	0061	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P07
P08	Digital Input	0X, 4X	01, 03, 05, 15, 06, 16	0062	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P08
P09	Digital Input	0X, 4X	01, 03, 05, 15, 06, 16	0063	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P09
P10	Digital Input	0X, 4X	01, 03, 05, 15, 06, 16	0064	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P10
P11	Analog Output	3X, 4X	03, 04	0005	X 10	X 10	X 10	X 10	X 10	X 10	See appropriate York® Equipment Points Map	P11
P12	Analog Output	3X, 4X	03, 04	0006	X 10	X 10	X 10	X 10	X 10	X 10	See appropriate York® Equipment Points Map	P12
P13	Analog Output	3X, 4X	03, 04	0007	X 10	X 10	X 10	X 10	X 10	X 10	See appropriate York® Equipment Points Map	P13
P14	Analog Output	3X, 4X	03, 04	0008	X 10	X 10	X 10	X 10	X 10	X 10	See appropriate York® Equipment Points Map	P14
P15	Analog Output	3X, 4X	03, 04	0009	X 10	X 10	X 10	X 10	X 10	X 10	See appropriate York® Equipment Points Map	P15
P16	Analog Output	3X, 4X	03, 04	0010	X 10	X 10	X 10	X 10	X 10	X 10	See appropriate York® Equipment Points Map	P16
P17	Analog Output	3X, 4X	03, 04	0011	X 10	X 10	X 10	X 10	X 10	X 10	See appropriate York® Equipment Points Map	P17
P18	Analog Output	3X, 4X	03, 04	0012	X 10	X 10	X 1	X 1	X 1	X 10	See appropriate York® Equipment Points Map	P18
P19	Analog Output	3X, 4X	03, 04	0013	X 10	X 10	X 1	X 1	X 1	X 1	See appropriate York® Equipment Points Map	P19
P20	Analog Output	3X, 4X	03, 04	0014	X 10	X 10	X 1	X 1	X 1	X 1	See appropriate York® Equipment Points Map	P20
P21	Analog Output	3X, 4X	03, 04	0015	X 10	X 10	X 1	X 1	X 1	X 1	See appropriate York® Equipment Points Map	P21
P22	Analog Output	3X, 4X	03, 04	0016	X 10	X 10	X 1	X 1	X 1	X 1	See appropriate York® Equipment Points Map	P22
P23	Analog Output	3X, 4X	03, 04	0017	X 10	X 1	X 1	X 1	X 1	X 10	See appropriate York® Equipment Points Map	P23
P24	Analog Output	3X, 4X	03, 04	0018	X 10	X 1	X 1	X 1	X 1	X 10	See appropriate York® Equipment Points Map	P24
P25	Analog Output	3X, 4X	03, 04	0019	X 10	X 1	X 10	X 10	X 10	X 10	See appropriate York® Equipment Points Map	P25
P26	Analog Output	3X, 4X	03, 04	0020	X 1	X 10	X 1	X 1	X 1	X 10	See appropriate York® Equipment Points Map	P26
P27	Analog Output	3X, 4X	03, 04	0021	X 10	X 10	X 10	X 10	X 10	X 10	See appropriate York® Equipment Points Map	P27
P28	Analog Output	3X, 4X	03, 04	0022	X 10	X 10	X 10	X 10	X 10	X 10	See appropriate York® Equipment Points Map	P28
P29	Analog Output	3X, 4X	03, 04	0023	X 10	X 10	X 10	X 10	X 10	X 10	See appropriate York® Equipment Points Map	P29
P30	Analog Output	3X, 4X	03, 04	0024	X 10	X 10	X 10	X 10	X 10	X 1	See appropriate York® Equipment Points Map	P30
P31	Analog Output	3X, 4X	03, 04	0025	X1	X1	X 1	X 10	X 10	X 1	See appropriate York® Equipment Points Map	P31
P32	Analog Output	3X, 4X	03, 04	0026	X 1 (see note 6)	X 1 (see note 6)	X 1 (see note 6)	X 1 (see note 6)	X 1 (see note 6)	X 1	See appropriate York® Equipment Points Map	P32
P33	Analog Output	3X, 4X	03, 04	0027	X 1 (see note 6)	X 1 (see note 6)	X 1 (see note 6)	X 1 (see note 6)	X 1 (see note 6)	X 10	See appropriate York® Equipment Points Map	P33
P34	Analog Output	3X, 4X	03, 04	0028	X 10	X 10	X 10	X 10	X 1	X 10	See appropriate York® Equipment Points Map	P34
P35	Analog Output	3X, 4X	03, 04	0029	X 10	X 10	X 10	X 10	X 1	X 10	See appropriate York® Equipment Points Map	P35
P36	Digital Output	0X, 1X, 4X	01, 02, 03	0065	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P36
P37	Digital Output	0X, 1X, 4X	01, 02, 03	0066	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P37
P38	Digital Output	0X, 1X, 4X	01, 02, 03	0067	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P38
P39	Digital Output	0X, 1X, 4X	01, 02, 03	0068	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P39
P40	Digital Output	0X, 1X, 4X	01, 02, 03	0069	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P40
P41	Digital Output	0X, 1X, 4X	01, 02, 03	0070	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P41
P42	Digital Output	0X, 1X, 4X	01, 02, 03	0071	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P42

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				(see note 3)	(see note 4)	(see note 4)	(see note 4)	(see note 4)	(see note 4)	(see note 4)	(see note 5)	
P43	Digital Output	0X, 1X, 4X	01, 02, 03	0072	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P43
P44	Digital Output	0X, 1X, 4X	01, 02, 03	0073	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P44
P45	Digital Output	0X, 1X, 4X	01, 02, 03	0074	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P45
P46	Digital Output	0X, 1X, 4X	01, 02, 03	0075	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P46
P47	Digital Output	0X, 1X, 4X	01, 02, 03	0076	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P47
P48	Digital Output	0X, 1X, 4X	01, 02, 03	0077	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P48
P49	Digital Output	0X, 1X, 4X	01, 02, 03	0078	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P49
P50	Digital Output	0X, 1X, 4X	01, 02, 03	0079	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P50
P51	Digital Output	0X, 1X, 4X	01, 02, 03	0080	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P51
P52	Digital Output	0X, 1X, 4X	01, 02, 03	0081	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P52
P53	Digital Output	0X, 1X, 4X	01, 02, 03	0082	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P53
P54	Digital Output	0X, 1X, 4X	01, 02, 03	0083	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P54
P55	Digital Output	0X, 1X, 4X	01, 02, 03	0084	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P55
P56	Analog Output	3X, 4X	03, 04	0030	X 1	X 1	X 1	X 1	X 1	X 1	See appropriate York® Equipment Points Map	P56
P57	Analog Output	3X, 4X	03, 04	0031	X 1	X 1	X 1	X 1	X 1	X 1	See appropriate York® Equipment Points Map	P57
P58	Analog Output	3X, 4X	03, 04	0032	X 1	X 1	X 1	X 1	X 1	X 1	See appropriate York® Equipment Points Map	P58
P59	Analog Output	3X, 4X	03, 04	0033	X 1	X 1	X 1	X 1	X 1	X 1	See appropriate York® Equipment Points Map	P59
P60	Analog Output	3X, 4X	03, 04	0034	X 1	X 1	X 1	X 1	X 1	X 1	See appropriate York® Equipment Points Map	P60
P61	Analog Output	3X, 4X	03, 04	0035	X 10	X 1	X 10	X 10	X 10	X 1	See appropriate York® Equipment Points Map	P61
P62	Analog Output	3X, 4X	03, 04	0036	X 10	X 1	X 10	X 10	X 10	X 1	See appropriate York® Equipment Points Map	P62
P63	Analog Output	3X, 4X	03, 04	0037	X 1	X 1	X 1	X 1	X 1	X 1	See appropriate York® Equipment Points Map	P63
P64	Analog Output	3X, 4X	03, 04	0038	X 1	X 1	X 1	X 1	X 1	X 1	See appropriate York® Equipment Points Map	P64
P65	Analog Output	3X, 4X	03, 04	0039	X 1	X 1	X 1	X 1	X 1	X 1	See appropriate York® Equipment Points Map	P65
P66	Analog Output	3X, 4X	03, 04	0040	X 1	X 10	X 1	X 1	X 10	X 10	See appropriate York® Equipment Points Map	P66
P67	Analog Output	3X, 4X	03, 04	0041	X 1	X 10	X 1	X 1	X 10	X 10	See appropriate York® Equipment Points Map	P67
P68	Analog Output	3X, 4X	03, 04	0042	X 10	X 10	X 1	X 1	X 1	X 1	See appropriate York® Equipment Points Map	P68
P69	Analog Output	3X, 4X	03, 04	0043	X 1	X 10	X 1	X 1	X 1	X 1	See appropriate York® Equipment Points Map	P69
P70	Analog Output	3X, 4X	03, 04	0044	X 1	X 10	X 10	X 10	X 10	X 1	See appropriate York® Equipment Points Map	P70
P71	Analog Output	3X, 4X	03, 04	0045	X 1	X 10	X 10	X 10	X 10	X 1	See appropriate York® Equipment Points Map	P71
P72	Analog Output	3X, 4X	03, 04	0046	X 1	X 10	X 1	X 1	X 1	X 1	See appropriate York® Equipment Points Map	P72
P73	Analog Output	3X, 4X	03, 04	0047	X 1	X 10	X 1	X 1	X 1	X 1	See appropriate York® Equipment Points Map	P73
P74	Analog Output	3X, 4X	03, 04	0048	X 1	X 10	X 1	X 1	X 1	X 1	See appropriate York® Equipment Points Map	P74
P75	Analog Output	3X, 4X	03, 04	0049	X 1	X 10	X 1	X 1	X 1	X 1	See appropriate York® Equipment Points Map	P75
P76	Analog Output	3X, 4X	03, 04	0050	X 10	X 10	X 1	X 1	X 1	X 1	See appropriate York® Equipment Points Map	P76
P77	Analog Output	3X, 4X	03, 04	0051	X 10	X 10	X 1	X 1	X 1	X 1	See appropriate York® Equipment Points Map	P77
P78	Analog Output	3X, 4X	03, 04	0052	X 10	X 10	X 1	X 1	X 1	X 1	See appropriate York® Equipment Points Map	P78
P79	Analog Output	3X, 4X	03, 04	0053	X 1	X 10	X 1	X 1	X 1	X 1	See appropriate York® Equipment Points Map	P79
P80	Digital Output	0X, 1X, 4X	01, 02, 03	0085	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P80
P81	Digital Output	0X, 1X, 4X	01, 02, 03	0086	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P81
P82	Digital Output	0X, 1X, 4X	01, 02, 03	0087	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P82
P83	Digital Output	0X, 1X, 4X	01, 02, 03	0088	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P83
P84	Digital Output	0X, 1X, 4X	01, 02, 03	0089	N/A	N/A	N/A	N/A	N/A	N/A	See appropriate York® Equipment Points Map	P84