

n° REV.	DATE	MODIFICATION	SIGNATURE
00	26/05/2009	EMISSIONE	FOSCHI
01	26/06/2013	AGGIUNTO TN	FOSCHI

PARAMETERS PROGRAMMATION		TH-RVC/FS					
PARAMETERS	DESCRIPTION	RANGE	U.M.	DEFAULT	BT	TN	AT
NORMAL OPERATION							
/	temperature (setpoint)	-50...50	°C	2			
THERMOSTAT							
r01	differential	0,1...20	K	2	2	2	
r02	Max. limitation of setpoint setting	-49...50	°C	50	-15	5	
r03	Min. limitation of setpoint setting	-50...49	°C	-50	-25	-5	
r04	Adjustment of temperature indication	-20...20	K	0	/	/	
r05	Temperature unit (°C/°F)	FLAG	/	°C	/	/	
r09	Correction of the signal from Sair	-10...10	K	0	/	/	
r12	Manual service (-1), stop regulation (0), start regulation (1)	-1...1	/	1	1	1	
r13	Displacement of reference during night operation	-10...10	K	0	/	/	
r39	Activation of reference displacement r40	FLAG	/	OFF	/	/	
r40	Value of refence displacement (activation by r39 or DI)	-50...50	K	0	/	/	
ALARM							
A03	Delay for temperature alarm	0...240	min	30	0	0	
A04	Delay for door alarm	0...240	min	60	/	/	
A12	Delay for temperature alarm after defrost	0...240	min	90	/	/	
A13	High alarm limit	-50...50	°C	5	-5	15	
A14	Low alarm limit	-50...50	°C	-30	-35	-15	
A27	Alarm delay DI1	0...240	min	30	0	0	
A28	Alarm delay DI2	0...240	min	30	0	0	
A37	High alarm limit for condenser temperature (c70)	0...99	°C	50	/	/	
COMPRESSOR							
c01	Min ON-time	0...30	min	0	0	0	
c02	Min OFF-time	0...30	min	0	3	3	
c30	ompressor relay must cutin and out inversely (NC-function)	FLAG	/	0/OFF	/	/	
DEFROST							
d01	Defrost method (none/EL/gas)	FLAG	/	EL	EL	EL	
d02	defrost stop temperature	0...25	°C	6	15	15	
d03	Interval between defrost starts	0...48	hour	8	6	6	
d04	Max defrost duration	0...180	min	45	30	30	
d05	Displacement of time on cutin of defrost at start-up	0...240	min	0	0	0	
d06	Drip off time	0...60	min	0	2	2	
d07	Delay for fan start after defrost	0...60	min	0	2	2	
d08	Fan start temperature	-15...0	°C	-5	/	/	
d09	Fan cutin during defrost	FLAG	/	0/1/2	0	0	
d10	Defrost sensor (0=time, 1=S5, 2=Sair)	0...2	/	0	1	1	
d18	Max. aggregate refrigeration time between two defrosts	0...48	hour	0	/	/	
d19	Defrost on demand S5 temperature's permitted variation during frost build-up.on central plant choose 20K (=cfl)	0...20	K	20	/	/	
FANS							
F01	Fan stop at cutout compressor	FLAG	/	NO	YES	YES	
F02	Delay of fan stop	0...30	min	0	/	/	
F04	Fan stop temperature (S5)	-50...50	°C	50	-5	8	
REAL TIME CLOCK							
i01...i06	Six start times for defrost. Setting of hours. 0=OFF	0...23	hour	0	/	/	
i11...i16	Six start times for defrost. Setting of minutes. 0=OFF	0...59	min	0	/	/	
i07	Clock-setting of hours	0...23	hour	0	/	/	
i08	Clock-setting of minutes	0...59	min	0	/	/	
i45	Clock-setting of date	1...31	/	1	/	/	
i46	Clock-setting of month	1...12	/	1	/	/	
i47	Clock-setting of year	0...9	/	0	/	/	
MISCELLANEOUS							
o01	Delay of output signals after start-up	0...600	s	5	0	0	
o02	input signal on DI1	0...1	/	0	2	2	
o03	network address	0...240	/	0	/	/	
o04	On/off switch (Service Pin message)	FLAG	/	OFF	/	/	
o05	Access code 1 (all setting)	0...10	/	0	/	/	
o06	Used sensor type (PT/PTC/NTC)	FLAG	/	PT	PTC	PTC	
o15	Dispaly step=0,5 (normal 0,1 at PT sensor)	0...60	/	NO	/	/	
o16	Max hold time after coordinated defrost	0...60	min	20	/	/	
o37	input signal on DI2	0...1	/	0	8	8	
o38	Configuration of light function (relay 4)	1...3	/	1	/	/	
o39	Activation of relay light (only if o38=2)	FLAG	/	OFF	/	/	
o46	Case cleaning 0=no case cleaning, 1=Fans only, 2=All output off	0...2	/	0	/	/	
o64	Access code 2 (party access)	0...100	/	0	/	/	
o65	Save the controllers present settings to the programming key. Select your own number	0...25	/	0	/	/	
o66	load a set of setting from the programming key (previously saved via o65 function). Can only be set when regulation is stopped (r12=0)	0...25	/	0	/	/	
o67	Replace the controllers factory settings with the present setting	FLAG	/	OFF	/	/	
o70	Re alternative application for application for the S5 sensor (maintain the setting at 0 if it is used as defrost sensor, ptherwise 1?product sensor and 2= condenser sensor with alarm	0...2	/	0	/	/	
o72	Select application for relay 4; 1=defrost/light; 2=alarm	FLAG	/	2	/	/	
SERVICE							
u09	Temperature measured with S5 sensor	/	/	/	/	/	
u10	Status on DI1 input on/1=closed	/	/	/	/	/	
u13	Status on night operation (on or off) 1=closed	/	/	/	/	/	
u28	Read the present regulation reference	/	/	/	/	/	
u58	Status on relay for cooling (Can be controlled manually, but only when r12=-1)	/	/	/	/	/	
u59	Status on relay for fans (Can be controlled manually, but only when r12=-1)	/	/	/	/	/	
u60	Status on relay for defrost (Can be controlled manually, but only when r12=-1)	/	/	/	/	/	
u69	Temperature measured with Sair sensor	/	/	/	/	/	
u71	Status on relay 4 (alarm, defrost,light)(Can be controlled manually, but only when r12=1)	/	/	/	/	/	