



MC 16/16 SHORT – MC 46

MXG 438 – 638 - 938

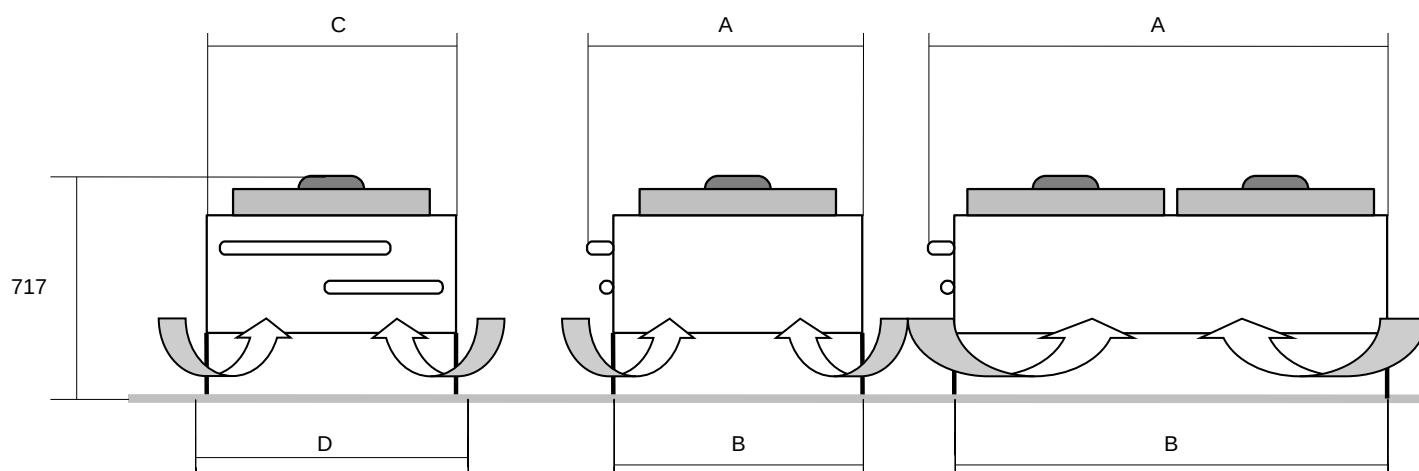
MF 56 – 66 – 86

MV 456 – 606 - 806 - 1006

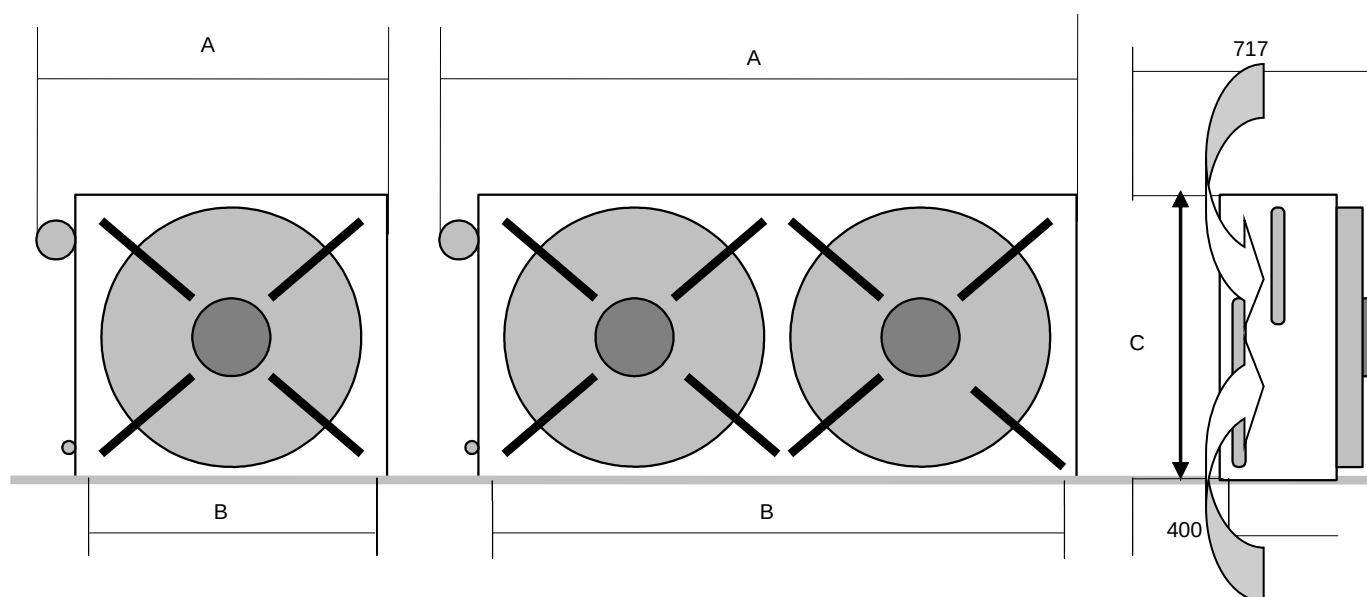
**REMOTE AIR COOLED
CONDENSER**

SERVICE MANUAL

HORIZONTAL INSTALLATION (RECOMMENDED)



VERTICAL INSTALLATION



	1 FAN MOTOR TKE351A2R.0370 RMTCOND164656J	1 FAN MOTOR TKE351A4.0370 RMTCNDF6100J	2 FAN MOTORS TKE352A4.0370 RMTCONDASK0000	1 FAN MOTOR LU-VE SHVN 5/8	1 FAN MOTOR LU-VE SHVN 6/3
A mm	600	754	1304	540	748
B mm	440	590	1140	445	556
C mm	415	614	614	463	578
D mm	445	594	594	N/A	N/A

REFRIGERANT CHARGE R404A - Gr

MC 16 SHORT	MC 46	MXG 438	MXG 638	MXG 938	MF 56	MF 66	MF 86	MV 456	MV 606	MV 806	MV 1006
680	1400	700	980	3500	1080	2200	3500	1200	1300	3000	3000

WEATHER PROOF AIR COOLED REMOTE CONDENSER

The remote condenser versions of Cubers and Flakers are similar to the air cooled standard versions with the only difference of the remote condenser and, on MC, MXG and MF series, of the Fan Speed Control used to supply power to the fan motor/s.

Technical specifications

1. Remote air cooled condenser fit on proper brackets for horizontal and vertical installation (MV series for vertical installation only).
Cooling capacity with ΔT 15K is **4,5 KW** on MC 16/16 SHORT, MC 46, MXG 438-638, MF 56, MV 456, MV 606 and MV 806; **6,0 KW** on MV 1006; **10,5 KW** on MXG 938 and MF 66; **20,5 KW** on MF 86.
2. Fan motor/s 220-240/50-60/1 - 180 Watt - 0,8 Amps with IP 44 protection (against liquids and solids) and flow rate of 2150 m³/hr (2 motors on MF 66 and MF 86).
3. On MC, MXG and MF series only, an Electronic Fan Speed Control set to 16 bar. On MV series a head master by-pass the air cooled condenser keeping the hi pressure constantly at 17 bars.
4. Pre-charged refrigerant lines of 10 meters length (20 mts on MV Series) equipped with AEROQUIP quick connections.
5. Hi pressure safety control (manual reset type) set to 34 bar on MC, MXG and MF series (in place of the condenser temperature sensor) and to 30 bar on MV series.
6. Hi pressure control warning light.

Installation of the remote air cooled condenser and pre-charged refrigerant lines

A. Location considerations

Select the best available place protected from dirt/dust.

The weatherproof remote air cooled condenser can be installed indoor as well as outdoor and can operate under the most different conditions (rain, wing, snow, etc.)

Use the following formula for planning the location of the condenser and ice machine.

Location Limits – Condenser location must not exceed ANY of the following limits

Maximum vertical drop **dd** of 1 meter between the icemaker and the remote condenser.

Maximum vertical rise **rd** of 3 meters.

Physical line set maximum length between icemaker and remote condenser is 10 meters.

Limit to max. one rise and one drop.

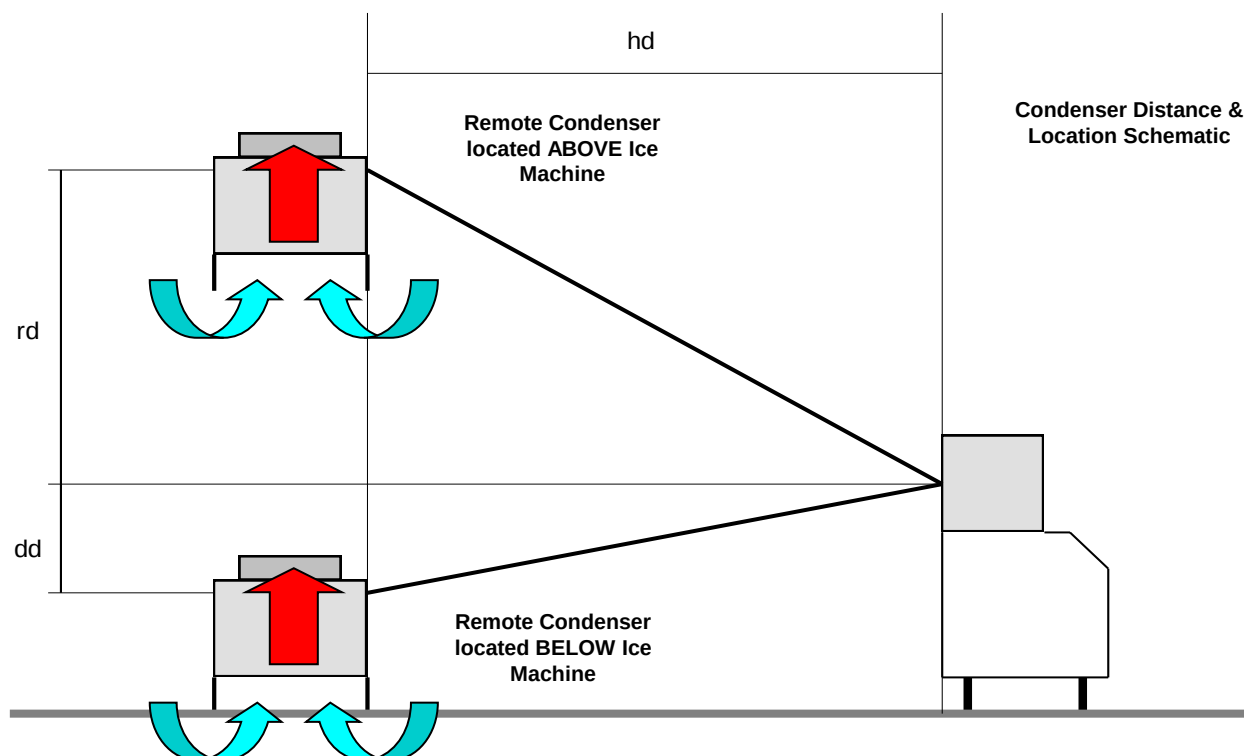
Limit the **calculated distance (CD)** as per the Calculation formula to 18 meters (36 mtrs for MV Series)

$$A = \text{Drop} = dd \times 6.6 \text{ or}$$

$$B = \text{Rise} = rd \times 1.7$$

$$C = \text{Horizontal run} = hd \times 1$$

$$CD = A + B + C$$



B. Unpacking and inspection

Visually inspect the exterior of the shipping container; any severe damage should be reported to the delivery carrier.

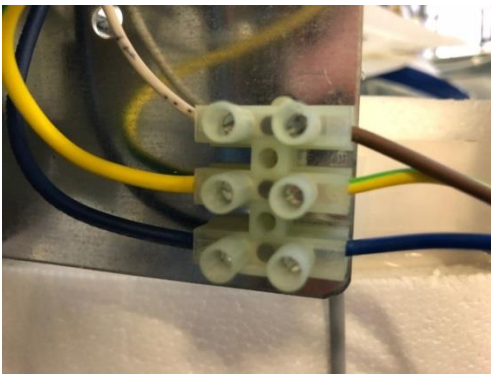
Uncrate the remote condenser and pre charged refrigerant lines and inspect for any concealed damage. Notify carrier of any concealed damage. Check that the pre-charged refrigerant lines are intact, not kinked.

C. Remote condenser installation and electrical connections

Install and attach the remote condenser to the floor or to the wall of the building using methods and practices conform to the local building requirements.

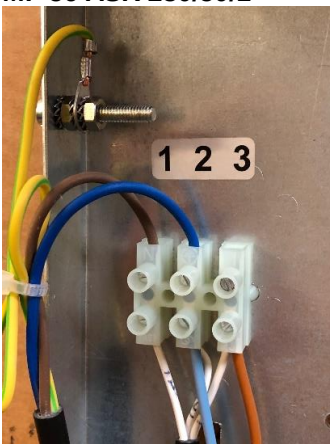
Remove the control box cover from the remote condenser and connect the electrical power line coming from the unit as per following instruction.

MC 46 ASR 230/50/1 and MF 66 ASR 400/50/3



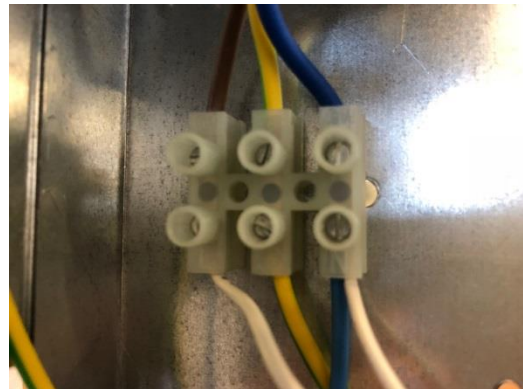
- Connect Remote Condenser BLUE wire to BLUE wire of machine terminal board
- Connect Remote Condenser BROWN wire to WHITE wire of the machine terminal board
- Connect Remote Condenser GREEN/YELLOW wire to the same color wire of the machine terminal board

MF 56 ASR 230/50/1



- Connect Remote Condenser BLUE wire to BLUE and WHITE wires (2) on machine terminal board
- Connect Remote Condenser BROWN wire to WHITE wire (1) of the machine terminal board
- Connect Remote Condenser GREEN/YELLOW wire to the grounding screw of the frame
- Do not connect position n. (3) of terminal board

MF 56 and MC 46 ASR 400/50/3



- Connect Remote Condenser BLUE wire to BLUE and WHITE wires of machine terminal board
- Connect Remote Condenser BROWN wire to WHITE wire of the machine terminal board
- Connect Remote Condenser GREEN/YELLOW wire to the same color wire of the machine terminal board

MXG Series - All Models and Voltage

Open the electrical control box of machine and locate the three WAGO connectors



- Connect Remote Condenser BLUE wire to BLUE wires of WAGO connector
- Connect Remote Condenser BROWN wire to ORANGE wire of WAGO connector
- Connect Remote Condenser GREEN/YELLOW wire to GREEN/YELLOW wires of WAGO connector

NOTE. Cable connecting the unit to the remote condenser is at 230 Volt so it is **imperative** to have the cable properly protected inside a plastic or metal tube according to the local electrical code/standard.

D. Pre charged refrigerant lines

The set of pre charged refrigerant lines consists of the 3/8" O.D. self sealing gas line and 1/4" O.D. self sealing liquid line both equipped with 1-20" UNEF AEROQUIP quick connections on MC 16/16 SHORT, MC 46, MXG 438-638, MF 56, of 12 mm and 8 mm O.D. on MV 456-606 and 14 mm and 12 mm O.D. on MV 806-1006.

On models MXG 938 and MF 66 the pre-charged refrigerant lines are 12mm O.D. for gas and liquid line both equipped with 1-20" UNEF AEROQUIP quick connections.

On model MF 86 and MAR 306, 16 mm O.D. gas line and 12 mm O.D. liquid line with AEROQUIP quick connections too.

Whenever the length of the pre-charged refrigerant lines are longer then the distance between the ice maker and the remote condenser

keep the excess portion indoor shaped as a vertical spiral so to avoid refrigerant trapping.

CAUTION. Each coupling on the pre-charged refrigerant lines is self-sealed and should be tightened 1/4 turn more then snug tight. **ALWAYS USE TWO WRANCHES WHEN TIGHTENING THESE FITTINGS, ONE AS BACKUP WRENCH TO PREVENT TWISTING OF TUBING AND POSSIBLE KINKING OR LINE RUPTURE.**

Connect the gas line coupling to the remote condenser refrigerant fitting (labeled GAS) and to the refrigerant fitting on the rear side of the ice machine.

Connect the liquid line coupling to the remote condenser refrigerant fitting (labeled LIQUID) and to the refrigerant fitting on the rear side of the ice machine.

ATTENTION. The inlet of the remote air cooled condenser (gas) must be always located above the outlet (liquid) for both horizontal and vertical installations.

Operating instructions

The remote air cooled condenser versions of Cubers and Flakers are operating in the same way as the standard machine.

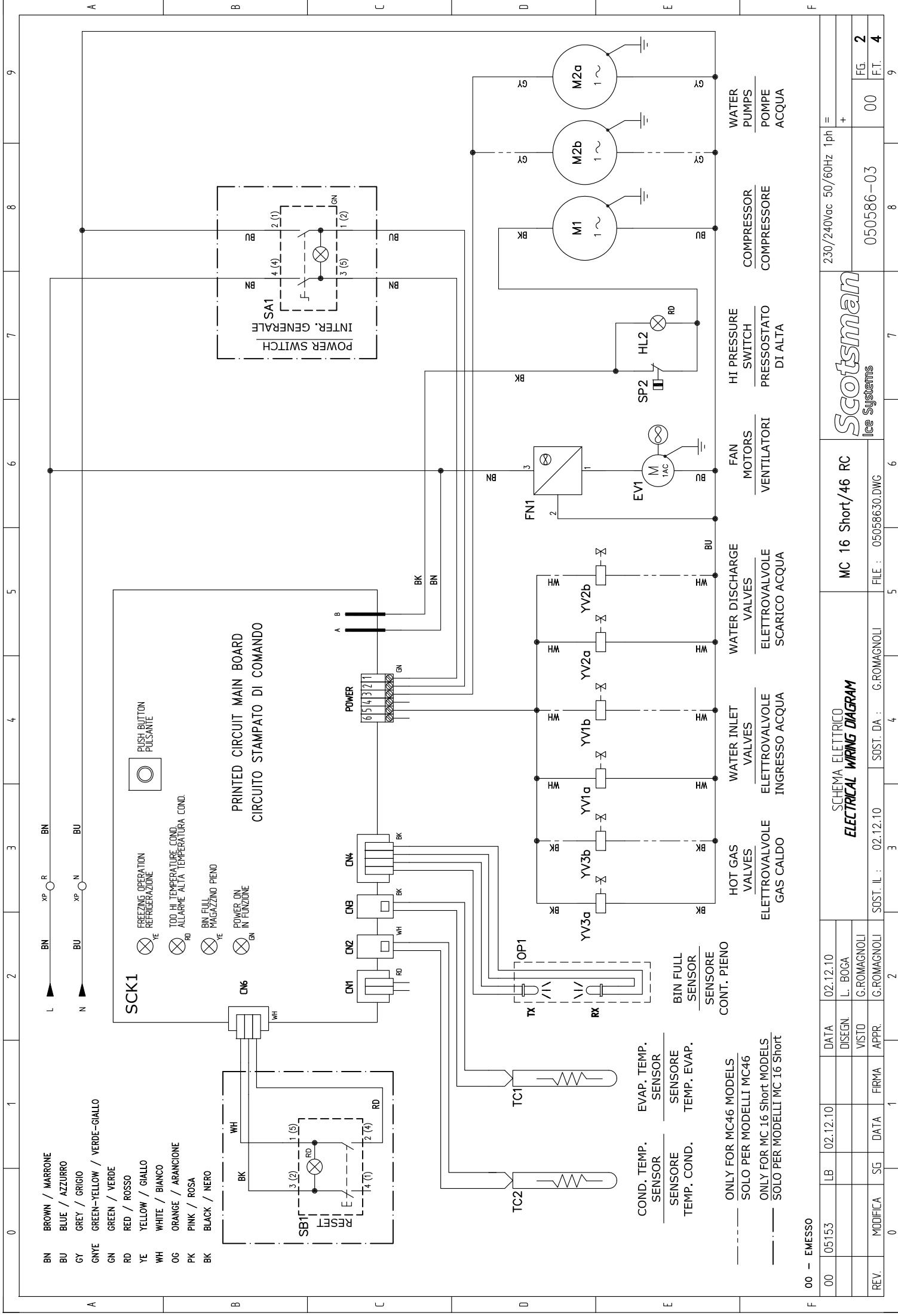
The only difference is the operation of the fan motor on MC, MXG and MF series as on the remote condenser versions it is no longer possible to use the condenser sensor to control the ON-OFF operation of the same.

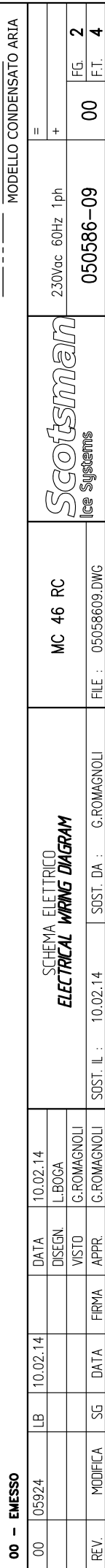
In place of the condenser sensor has been installed an electronic fan speed control (set up at 16 bar by its adjusting screw) and a manual reset type hi pressure control.

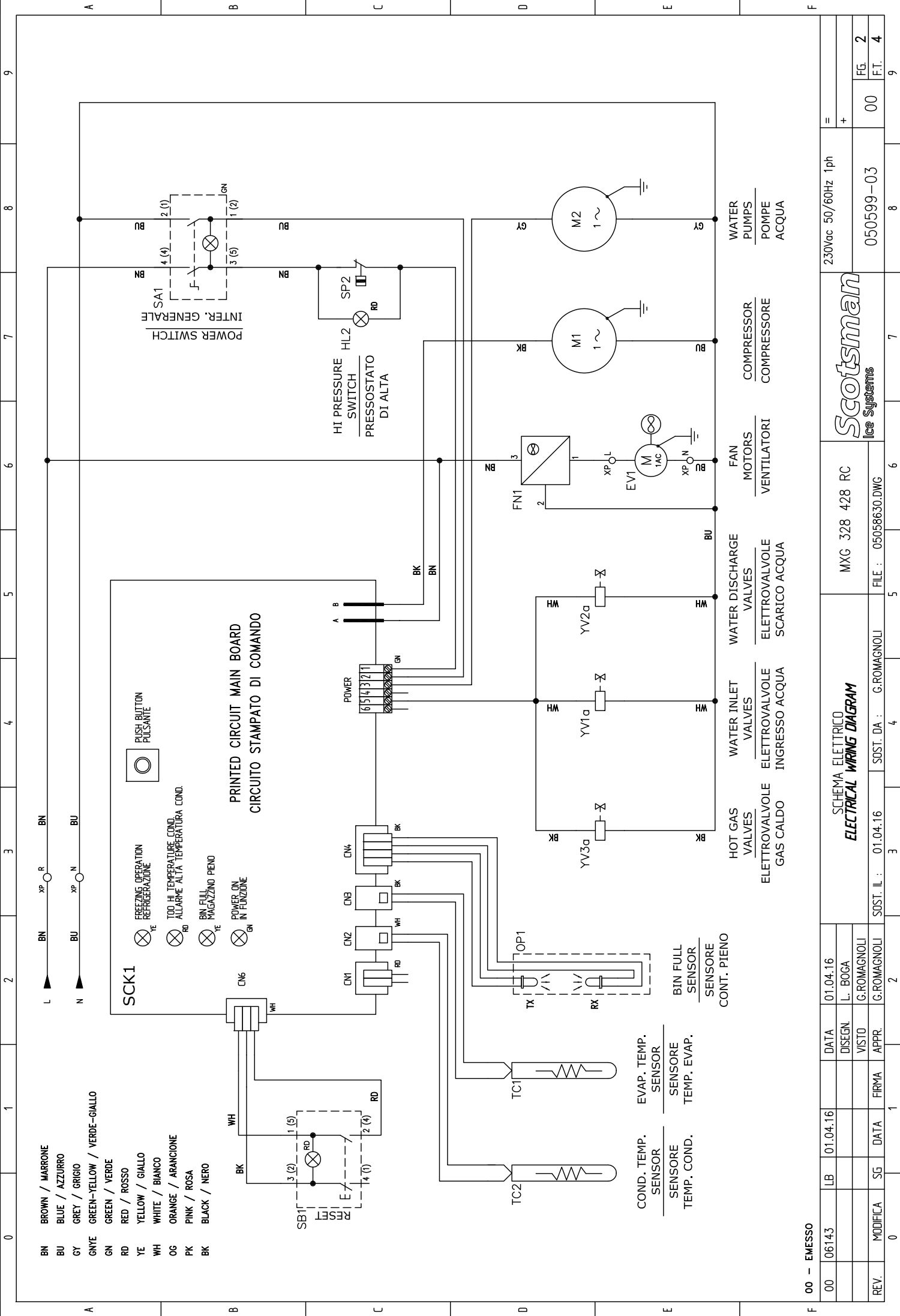
The fan speed control supplies a variable power to the fan motor so to modulate its speed and keep to a constant value the discharge pressure.

The hi pressure control is used only as a safety device to switch OFF the operation of the machine in case of fan motor failure.

	MC 16-16 SHORT MC 46 - MF 56 MXG 438-638	MV 456-606 806	MV 1006	MF 66 MXG 938	MF 86
Remote air cooled condenser & fan motor assy	620418 00	CM 19177523	CM 19177524	620418 01	620418 02
Fan motor assy - Ø 330 mm	001028 30	001028 30	*****	001028 30	*****
Fan motor assy - Ø 350 mm	001028 32	*****	001028 32	001028 32	001028 32
Fan speed control	620500 00	*****	*****	620500 00	620500 00
Hi pressure control (safety)	620498 00	620231 01	620231 01	620498 00	620498 00
Head Master	*****	11000422 22	11000422 22	*****	*****
Liquid receiver	*****	CM 19635349	CM 19635349	*****	*****
Low pressure control	*****	*****	*****	*****	620451 00
Liquid solenoid valve	*****	620306 07 + 48	620306 07 + 48	*****	*****
AEROQUIP male connection - LIQUID	650438 01	650438 01	650438 01	650438 00	650438 00
AEROQUIP female connection - LIQUID	650437 01	650437 01	650437 01	650437 00	650437 00
AEROQUIP male connection - GAS	650438 01	650438 01	650438 01	650438 00	650438 05
AEROQUIP female connection - GAS	650437 01	650437 01	650437 01	650437 00	650437 05





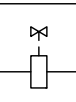


00 - EMESSO

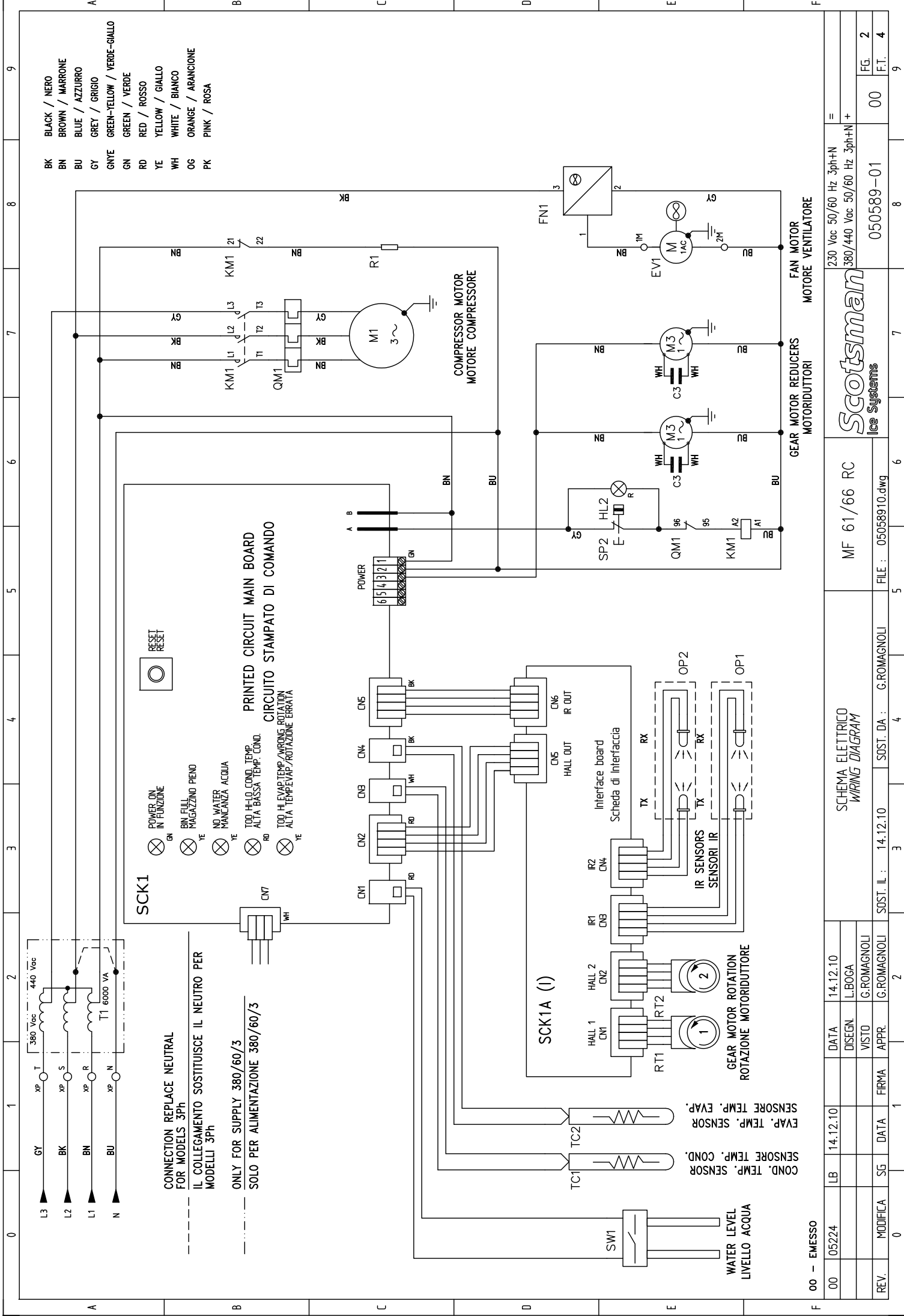
00	06143	LB	01.04.16	DATA	01.04.16	SCHEMA ELETTRICO			MXG 328 428 RC			230Vac 50/60Hz 1ph		
				DESIGN.	L. BOGA	ELECTRICAL WIRING DIAGRAM								
				VISTO	G.ROMAGNOLI									
REV.	MODIFICA	SG	DATA	FIRMA	APPR.	SOST. IL :	01.04.16	SOST. DA :	G.ROMAGNOLI	FILE :	05058630.DWG			
0			1			2	3	4	5	6	7	8	9	
												050599-03		
												00		
												FG. 2		
												F.T. 4		

Scotsman
Ice Systems

0		1		2		3		4		5		6		7		8		9	
A		B		C		D		E		F									
Sim.\Sym.	Sigla\Item	Funzione\Use Type		Sim.\Sym.	Sigla\Item	Funzione\Use Type		Sim.\Sym.	Sigla\Item	Funzione\Use Type		Sim.\Sym.	Sigla\Item	Funzione\Use Type					
	EV1	Fan motor Ventilatore			TC1	Evaporator temperature sensor Sensore temperatura evaporatore			TC2	Condenser temperature sensor Sensore temperatura condensatore			YV1a	Water inlet valve Elettrovalvola ingresso acqua			YV1b	Water inlet valve Elettrovalvola ingresso acqua	
	HL2	HI pressure alarm Allarme alta pressione			YV2a	Water discharge valve Elettrovalvola scarico acqua			YV2b	Water discharge valve Elettrovalvola scarico acqua			YV3a	Hot gas valve Elettrovalvola gas caldo			YV3b	Hot gas valve Elettrovalvola gas caldo	
	KM1	Compressor contactor Teleruttore compressore																	
	M1	Compressor Compressore																	
	M2a	Water pump Pompa acqua																	
	M2b	Water pump Pompa acqua																	
	OP1	Bin full sensor Sensore contenitore pieno																	
	SA1	Power switch Interruttore generale																	
	SCK1	Printed circuit main board Circuito stampato di comando																	
	SP2	HI Pressure control safety Pressostato sicurezza alta pressione																	
																</			

0										1										2										3										4										5										6										7										8										9									
A										B										C										D										E										F																																																	
Sim.\Sym.	Sigla\Item	Funzione\Use Type										Sim.\Sym.	Sigla\Item	Funzione\Use Type										Sim.\Sym.	Sigla\Item	Funzione\Use Type										Sim.\Sym.	Sigla\Item	Funzione\Use Type										Sim.\Sym.	Sigla\Item	Funzione\Use Type																																																	
	EV1	Fan motor Ventilatore											SA1	Power switch Interruttore generale											YV4	Liquid solenoid valve Elettrovalvola liquido																																																																									
	FN1	Fan speed controller Regolatore di velocità ventilatori											SCK1	Printed circuit main board Circuito stampato di comando																																																																																					
	HL2	HI pressure alarm Allarme alta pressione											SP2	HI Pressure control safety Pressostato sicurezza alta pressione																																																																																					
	KA1	Liquid solenoid valve relay Relè elettrovalvola liquido											TC1	Evaporator temperature sensor Sensore temperatura evaporatore																																																																																					
	KM1	Compressor contactor Teleruttore compressore											TC2	Condenser temperature sensor Sensore temperatura condensatore																																																																																					
	M1	Compressor Compressore											YV3a	Hot gas valve Elettrovalvola gas caldo																																																																																					
	M2a	Water pump Pompa acqua											YV3b	Hot gas valve Elettrovalvola gas caldo																																																																																					
	M2b	Water pump Pompa acqua											YV1a	Water inlet valve Elettrovalvola ingresso acqua																																																																																					
	OP1	Bin full sensor Sensore contenitore pieno											YV1b	Water inlet valve Elettrovalvola ingresso acqua																																																																																					
	QM1	Compressor thermal protector Protettore termico compressore											YV2a	Water discharge valve Elettrovalvola scarico acqua																																																																																					
	R1	Crackcase heater Resistenza compressore											YV2b	Water discharge valve Elettrovalvola scarico acqua																																																																																					
00 - EMESSO										LB 11.05.16										DATA 11.05.16										LEGENDA SIMBOLI SYMBOLS LEGEND										MXG 938 RC										400Vac 50/60Hz 3ph+N										=																																							
00 06193																				DISEGN. L. BOGA																																								+																																							
																				VISTO G.ROMAGNOLI																																																		FG. 3																													
REV. MODIFICA										SG DATA FIRMA APPR.										SOST. IL : 11.05.16										SOST. DA : G.ROMAGNOLI										FILE : 05059950.DWG										050599-05										F.T. 4																																							

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



[illegible]

0		1		2		3		4		5		6		7		8		9	
A		B		C		D		E		F									
Sim.\Sym.	Sigla\Item	Funzione\Use Type		Sim.\Sym.	Sigla\Item	Funzione\Use Type		Sim.\Sym.	Sigla\Item	Funzione\Use Type		Sim.\Sym.	Sigla\Item	Funzione\Use Type		Sim.\Sym.	Sigla\Item	Funzione\Use Type	
	EV1	FAN motor Ventilatore			HL6	Bin full Magazzino pieno			M2	Drive motor Motoriduttore			M2	Drive motor Motoriduttore			M2	Drive motor Motoriduttore	
	EV2	FAN motor Ventilatore			HL7	Wrong phase alarm Allarme sequenza fasi			HL7	Wrong phase alarm Allarme sequenza fasi			HL7	Wrong phase alarm Allarme sequenza fasi			HL7	Wrong phase alarm Allarme sequenza fasi	
	EV3	FAN motor Ventilatore			HL8	Current drive-motor alarm Allarme amperometrica motoriduttore			HL8	Current drive-motor alarm Allarme amperometrica motoriduttore			HL8	Current drive-motor alarm Allarme amperometrica motoriduttore			HL8	Current drive-motor alarm Allarme amperometrica motoriduttore	
	F1	3-phase monitoring relay controllo sequenza fasi			HL9	Compressor thermal protector alarm Allarme protezione termica compressore			HL9	Compressor thermal protector alarm Allarme protezione termica compressore			HL9	Compressor thermal protector alarm Allarme protezione termica compressore			HL9	Compressor thermal protector alarm Allarme protezione termica compressore	
	FC1	Spout switch Interruttore bocchetta			KA1	Current drive-motor relay Relè amperometrico motoriduttore			KA1	Current drive-motor relay Relè amperometrico motoriduttore			KA1	Current drive-motor relay Relè amperometrico motoriduttore			KA1	Current drive-motor relay Relè amperometrico motoriduttore	
	FSC1	Fan Speed Fan Speed			KA3	Drive-motor start relay Relè anticipata motoriduttore			KA3	Drive-motor start relay Relè anticipata motoriduttore			KA3	Drive-motor start relay Relè anticipata motoriduttore			KA3	Drive-motor start relay Relè anticipata motoriduttore	
	HL1	Power ON Macchina in funzione			KM1	Compressor contactor Teleruttore compressore			KM1	Compressor contactor Teleruttore compressore			KM1	Compressor contactor Teleruttore compressore			KM1	Compressor contactor Teleruttore compressore	
	HL2	HI pressure alarm Allarme alta pressione			KM2	Drive-motor contactor Teleruttore motoriduttore			KM2	Drive-motor contactor Teleruttore motoriduttore			KM2	Drive-motor contactor Teleruttore motoriduttore			KM2	Drive-motor contactor Teleruttore motoriduttore	
	HL3	LOW pressure alarm Allarme bassa pressione			KT1	Compressor timer delay Ritardatore compressore			KT1	Compressor timer delay Ritardatore compressore			KT1	Compressor timer delay Ritardatore compressore			KT1	Compressor timer delay Ritardatore compressore	
	HL4	Water alarm Allarme mancanza acqua			KT2	Drive-motor timer delay Ritardatore motoriduttore			KT2	Drive-motor timer delay Ritardatore motoriduttore			KT2	Drive-motor timer delay Ritardatore motoriduttore			KT2	Drive-motor timer delay Ritardatore motoriduttore	
	HL5	Spout switch light Spia interruttore bocchetta			M1	Compressor Compressore			M1	Compressor Compressore			M1	Compressor Compressore			M1	Compressor Compressore	

00 - EMISSIONE

00	04129	RG	06.11.06		DATA	06.11.06															
					DISGN	R.GHIANI															
					VISTO	G.ROMAGNOLI															
REV.	MODIFICA	SG	DATA	FIRMA	APPR	G.ROMAGNOLI	SOST. IL :	SOST. DA :	G.ROMAGNOLI	FILE :	050562X0.DWG										
0			1				3		4		5										
												MF 83 RC									
												LEGENDA FUNZIONI FUNCTIONS LEGEND									
												Scotsman® FRIMONT S.p.a.									
												=									
												+									
												00		050562-01							
												FG.		5							
												F.T.		8							

00 - EMISSIONE

00	04129	RG	06.11.06	DATA	06.11.06	LEGENDA FUNZIONI FUNCTIONS LEGEND			MF 83 RC		=	
				DISEGN.	R.GHIANI						+	
				VISTO	G.ROMAGNOLI							
REV.	MODIFICA	SG	DATA	FIRMA	APPR.	SOST. IL :	SOST. DA :	G.ROMAGNOLI	FILE :	050562XO.DWG	050562-01	
0						3	4	5	6	7	8	9
											FRIMONT S.p.a.	
											00	
											FG.	
											F.T.	
											5	
											8	

A	MORSETTIERA INGRESSO INPUT TERMINAL BOARD
B	TELERITTUORE COMPRESSORE COMPRESSOR CONTACTOR
C	COMPRESSORE COMPRESSOR
D	SENSORE GHIACCIO ICE SENSOR
E	MICRO FINE SBRINAMENTO END DEFROSTING SWITCH
F	SENSORE LIVELLO ACQUA WATER LEVEL SENSOR
G	SONDA TEMPERATURA CONDENSATORE CONDENSER TEMPERATURE PROBE
H	SCHEDA LED LED CARD
I	SCHEDA ELETTRONICA ELECTRONIC CARD
J	PRESSOSTATO DI MASSIMA MAX PRESSURE SWITCH
K	PONTICELLO RESET AUTOMATICO AUTOMATIC RESET SWITCH
L	ELETTROPOMPA WATER PUMP
M	ELETTROVALVOLA CARICO ACQUA WATER INLET VALVE
N	ELETTROVALVOLA SCARICO ACQUA WATER DISCHARGE VALVE
O	ELETTROVALVOLA GAS CALDO HOT GAS VALVE
P	VENTILATORE COMPRESSORE COMPRESSOR FAN MOTOR
Q	VENTILATORE CONDENSATORE RMOTO REMOTE CONDENSER FAN MOTOR
R	MORSETTIERA VENTILATORE REMOTO TERMINAL BOARD REMOTE FAN MOTOR
S	PRESSOSTATO VENTILATORE FAN PRESSURE SWITCH
RC	RELE' COMPRESSORE COMPRESSOR RELAY
CS	CONDENSATORE SPUNTO START CONDENSER
CM	CONDENSATORE MARCIA RUN CONDENSER



m	marrone	brown
bc	blu chiaro	light blue
gv	giallo/verde	yellow/green
b	bianco	white
n	nero	black
r	rosso	red
a	arancio	orange
v	viola	purple

IND.	DATA	MODIFICHE						DIS.	VERIF.	COMUNIC.									
QUOTE SENZA INDICAZIONE DI TOLLERANZA + FURI TOLLERANZA -							GRADO DI PRECISIONE MEDIO UNI ISO 2768 m			3470CT									
							MATERIALE				GRADO DI LAVORAZ.								
N. PEZZI	1																		
DATA	06-11-02	TRATT. SUPERFICIALE			TRATT. TERMICI						PESO								
DIS.	STOCCO	MDD. 450-600 SPLIT									SCALA 1 : 1								
VERIF.	PORTELLI	SCHEMA ELETTRICO									1	2	3	4	5	6	7	8	9
CAS TELMAC											CODICE N°								
Castel/Franco V.to		ASS,									71510259/0								