



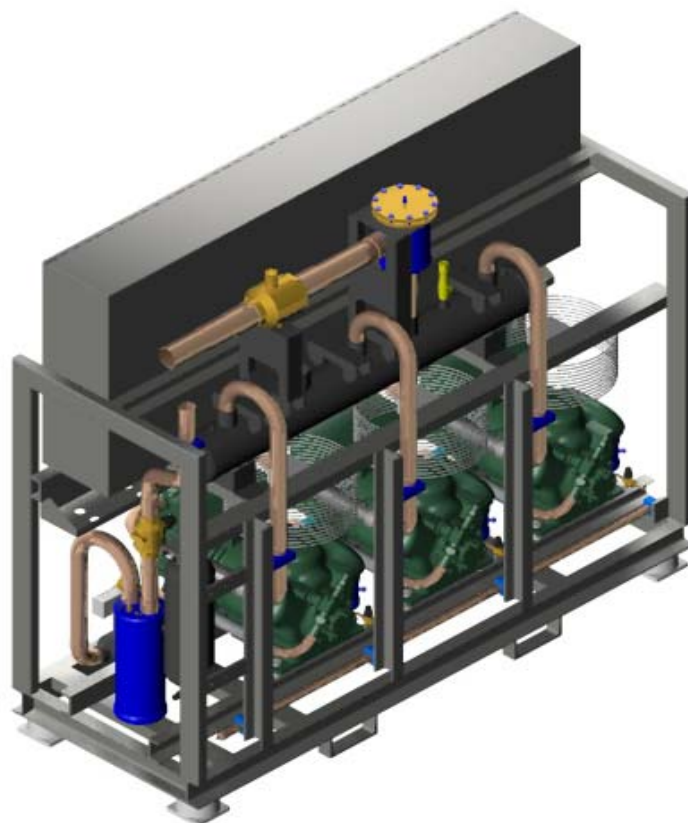
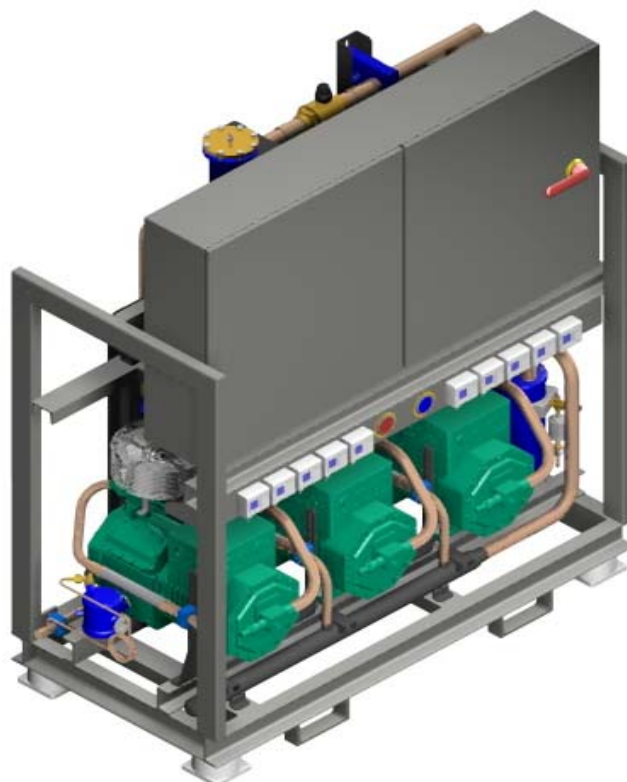
CENTRALI MULTICOMPRESSORE
APERTE



OPEN MULTICOMPRESSOR
PACKS

T3BM

T3BL



**T3BM****T3BL**

CARATTERISTICHE GENERALI (SERIE T3BM E T3BL)
GENERAL FEATURES (T3BM AND T3BL RANGE)

• **CIRCUITO FRIGORIFERO**
REFRIGERATING CIRCUIT

- Tre compressori Bitzer - *Three Bitzer compressors*
- Resistenze carter - *Crankcase heaters*
- Equilibrio olio con indicatore - *Oil balance with sight glass*
- Rubinetto in aspirazione generale - *General suction shut-off valve*
- Rubinetto di mandata generale - *General discharge shut-off valve*
- Valvola sicurezza sul collettore di aspirazione - *Pressure relief valve on suction header*
- Antivibranti in mandata e aspirazione - *Discharge and suction vibration dampers*
- Filtro in aspirazione generale a cartuccia intercambiabile - *General suction filter with replaceable cartridge*
- Carica d'azoto - *Nitrogen charge*

• **CIRCUITO CONTROLLO**
CONTROL CIRCUIT

- PSL : Pressostato di sicurezza (LBP) generale a riarmo automatico
Automatic general LBP - safety pressure switch
- PZH : Pressostato di sicurezza (HBP) generale manuale
Manual general HBP - safety pressure switch
- PZHH : Pressostati di sicurezza (HBP) generale a riarmo manuale interno
Internal manual general HBP - safety pressure switches
- POM : Pressostato dell'olio meccanico (dove previsto) - *Oil mechanical pressure switch (where provided)*
- BPL : Trasduttore di bassa pressione - *Low pressure transducer*
- MH / ML : Manometri di alta e bassa pressione generale - *High and low general pressure gauges*

• **CIRCUITO ELETTRICO**
ELECTRICAL CIRCUIT

- Senza Q.E., senza cablaggio - *Without electrical box, without wiring*

• **STRUTTURA**
STRUCTURE

- Telaio in ferro (RAL 7036) - *Structural steel (RAL 7036)*
- Piedini antivibranti - *Vibration dampers*

• **AD OGNI CENTRALE VENGONO ALLEGATI I SEGUENTI DOCUMENTI:**
ALL PACKS ARE PROVIDED WITH THE FOLLOWING DOCUMENTS:

- Manuale di uso e manutenzione - *Use and maintenance handbook*
- Dichiarazione di conformità - *Declaration of conformity*



**T3BM****T3BL**

LETTURA CODICE / MODEL DESIGNATION

		1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°	16°
		T	3	B	M	0	6	2	Z	0	2	-	0	0	0	0	0
T	Serie - Range																
3	Numero compressori - Compressors number																
Marca dei compressori - Compressors brand																	
B	Bitzer																
Applicazione - Application																	
M	Media temperatura - Medium temperature																
L	Bassa temperatura - Low temperature																
Potenza nominale in kW - Nominal capacity (kW)																	
per media temperatura (-10°C t.evap. + 45°C t.cond. + 25°C t.asp. + 0°K sottoraffreddamento) for medium temperature (-10°C evap.t. +45°C cond.t. + 25°C suct.t. + 0°K subcooling)																	
per bassa temperatura (-30°C t.evap. + 45°C t.cond. + 25°C t.asp. + 0°K sottoraffreddamento) for low temperature (-30°C evap.t. + 45°C cond.t. + 25°C suct.t. + 0°K subcooling)																	
Tipo di refrigerante - Refrigerant type																	
Z	gas R404A																
Circuito elettrico - Electrical circuit																	
0	Senza quadro (Senza cablaggi elettrici) - without electrical box (without electrical wiring)																
F	Con collegamenti in scatola morsettieria - with junction box wire connections																
1	Con quadro e controllo elettronico XC811 - with electrical box and elect. device XC811																
2	Con quadro e controllo elettronico EWCM900 - with electrical box and elect. device EWCM900																
3	Con quadro e controllo elettronico pCO2 small - with electrical box and elect. device pCO2 small																
4	Con quadro e controllo elettronico pCO2 medium - with electrical box and elect. device pCO2 medium																
Voltaggio - Voltage																	
2	400V 3Ph + N 50Hz																

Combinazione optional - Optional combination

Codice CX CX code	Kit ricevitore di liquido remoto (opt.) Separate liquid receiver set (opt.)		
	Code	Dimensions a x b x c (mm) (large x width x height)	PED
T3BM062Z02-00000	OPT0076	700x490x608	II
T3BM075Z02-00000	OPT0076	700x490x608	II
T3BM087Z02-00000	OPT0078	930x680x408	III
T3BM098Z02-00000	OPT0078	930x680x408	III
T3BM114Z02-00000	OPT0078	930x680x408	III
T3BM132Z02-00000	OPT0078	930x680x408	III
T3BM147Z02-00000	OPT0083	1315x874x511	III
T3BM170Z02-00000	OPT0083	1315x874x511	III
T3BM197Z02-00000	OPT0083	1315x874x511	III
T3BL024Z02-00000	OPT0076	700x490x608	II
T3BL028Z02-00000	OPT0076	700x490x608	II
T3BL032Z02-00000	OPT0078	930x680x408	III
T3BL039Z02-00000	OPT0078	930x680x408	III
T3BL046Z02-00000	OPT0078	930x680x408	III
T3BL053Z02-00000	OPT0078	930x680x408	III
T3BL058Z02-00000	OPT0083	1315x874x511	III
T3BL068Z02-00000	OPT0083	1315x874x511	III
T3BL078Z02-00000	OPT0083	1315x874x511	III

Note : Nel caso si richiedesse l'optional del kit ricevitore di liquido la centrale assumerà la cat PED maggiore
In case the liquid receiver set is ordered, the pack system will belong to the higher PED Category

**T3BM****T3BL**

MBP	Compressor										Max Pressione Pressure max		Campo di applicazione Application range	Schema frigorifero Refrigerating diagram	Tubazioni Pipe fittings		Dimensioni e peso Dimensions and weight					PED
	Codice CX CX code	Q.tà Qty N°	Marca Brand	Modello Model	Volume spostato totale Total displacement [m³/h]	Protezione motore Motor protection	Alimentazione Power supply	Hpb [Bar]		Lbp [Bar]	D [mm]	S [mm]			L [mm]	P [mm]	H [mm]	Weight [kg]				
								Hpb [Bar]	Lbp [Bar]													
	T3BM06Z02-00000	3	Bitzer	4TCS-12.2Y	123.9	SE-B1	DOL 400/3/50	30	24	24	Ø42	Ø54	1600	790	1900	1000	II					
	T3BM075Z02-00000	3	Bitzer	4PCS-15.2Y	145.5	SE-B1	DOL 400/3/50	30	24	24	Ø42	Ø76	1600	790	1900	1020	II					
	T3BM087Z02-00000	3	Bitzer	4NCS-20.2Y	168.6	SE-B1	DOL 400/3/50	30	24	24	Ø42	Ø76	1600	790	1900	1030	II					
	T3BM098Z02-00000	3	Bitzer	4J-22.2Y	190.5	SE-B2	DOL 400/3/50	30	24	24	Ø42	Ø76	2100	790	1900	1200	II					
	T3BM114Z02-00000	3	Bitzer	4H-25.2Y	221.1	SE-B2	DOL 400/3/50	30	24	24	Ø42	Ø76	2100	790	1900	1240	II					
	T3BM132Z02-00000	3	Bitzer	4G-30.2Y	253.8	SE-B2	DOL 400/3/50	30	24	24	Ø42	Ø80	2100	790	1900	1250	II					
	T3BM147Z02-00000	3	Bitzer	6J-33.2Y	285.9	SE-B2	DOL 400/3/50	30	24	24	Ø54	Ø80	2100	790	1900	1350	II					
	T3BM170Z02-00000	3	Bitzer	6H-35.2Y	331.5	SE-B2	DOL 400/3/50	30	24	24	Ø54	Ø80	2100	790	1900	1365	II					
	T3BM197Z02-00000	3	Bitzer	6G-40.2Y	380.4	SE-B2	PWS 400/3/50	30	24	24	Ø54	Ø80	2100	790	1900	1370	II					

LBP	Compressor										Max Pressione Pressure max		Campo di applicazione Application range	Schema frigorifero Refrigerating diagram	Tubazioni Pipe fittings		Dimensioni e peso Dimensions and weight					PED
	Codice CX CX code	Q.tà Qty N°	Marca Brand	Modello Model	Volume spostato totale Total displacement [m³/h]	Protezione motore Motor protection	Alimentazione Power supply	Hpb [Bar]		Lbp [Bar]	D [mm]	S [mm]			L [mm]	P [mm]	H [mm]	Weight [kg]				
								Hpb [Bar]	Lbp [Bar]													
	T3BL024Z02-00000	3	Bitzer	4TCS-8.2Y	123.9	SE-B1	DOL 400/3/50	30	24	24	Ø42	Ø54	1600	790	1900	1000	II					
	T3BL028Z02-00000	3	Bitzer	4PCS-10.2Y	145.5	SE-B1	DOL 400/3/50	30	24	24	Ø42	Ø54	1600	790	1900	1015	II					
	T3BL032Z02-00000	3	Bitzer	4NCS-12.2Y	168.6	SE-B1	DOL 400/3/50	30	24	24	Ø42	Ø54	1600	790	1900	1020	II					
	T3BL039Z02-00000	3	Bitzer	4J-13.2Y	190.5	SE-B2	DOL 400/3/50	30	24	24	Ø42	Ø76	2100	790	1900	1200	II					
	T3BL046Z02-00000	3	Bitzer	4H-15.2Y	221.1	SE-B2	DOL 400/3/50	30	24	24	Ø42	Ø76	2100	790	1900	1215	II					
	T3BL053Z02-00000	3	Bitzer	4G-20.2Y	253.8	SE-B2	DOL 400/3/50	30	24	24	Ø42	Ø80	2100	790	1900	1240	II					
	T3BL058Z02-00000	3	Bitzer	6J-22.2Y	285.9	SE-B2	DOL 400/3/50	30	24	24	Ø54	Ø80	2100	790	1900	1350	II					
	T3BL068Z02-00000	3	Bitzer	6H-25.2Y	331.5	SE-B2	DOL 400/3/50	30	24	24	Ø54	Ø80	2100	790	1900	1385	II					
	T3BL078Z02-00000	3	Bitzer	6G-30.2Y	380.4	SE-B2	DOL 400/3/50	30	24	24	Ø54	Ø80	2100	790	1900	1395	II					

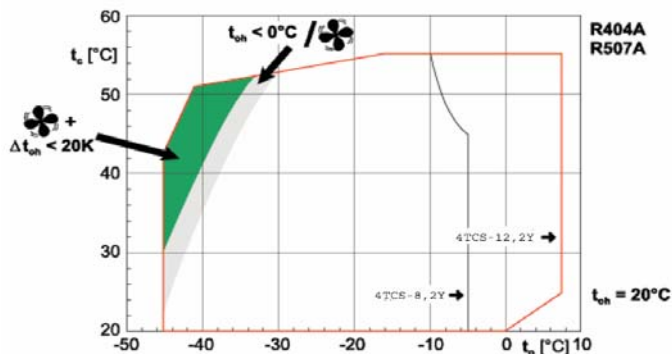
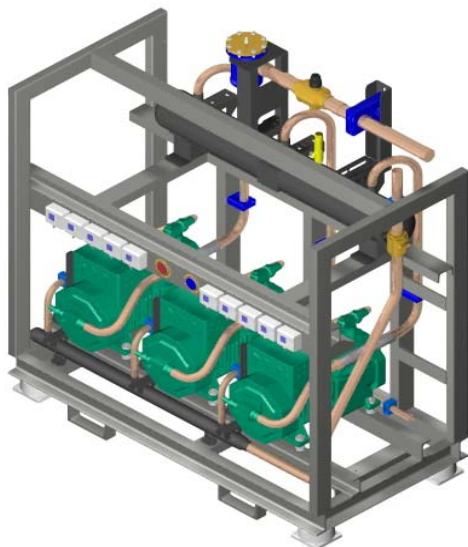
Legenda/Legend

D= Mandata / Discharge

S= Aspirazione / Suction

**T3BM****T3BL**

Model:

T3BM062Z02-00000Total displacement
123,9 m³/hApplication
range
[°C]+5/-25

CX					Separate liquid receiver set (Opt.) ref. OPT0076 Capacity [L]
Dimensions			Weight	PED	
L [mm] (large)	P [mm] (width)	H [mm] (height)	[kg]		
1600	790	1900	1000	II	30

Attacchi / Pipe fittings			
CX		Separate liquid receiver set - ref. OPT0076	
Discharge [mm] Ø42	Suction [mm] Ø54	Condensate [mm] Ø35	Liquid [mm] Ø28

R404A	Potenza frigorifera [W] / Refrigerating capacity [W] - EN12900						
	Temperatura di evaporazione [°C] / Evaporation temperature [°C]						
T.cond [°C]	5	0	-5	-10	-15	-20	-25
40	119538	99840	82662	67719	54765	43581	33972
45	108435	90516	74850	61197	49341	39090	30273
50	97254	81147	67023	54681	43941	34638	26628
	Potenza assorbita [W] / Power absorption [W] - EN12900						
40	31410	29970	28200	26160	23880	21450	18870
45	33720	31830	29670	27270	24660	21930	19110
50	35790	33510	30990	28260	25350	22350	19260
	Corrente assorbita [A] / Current absorption [A] - EN12900						
40	53,97	51,99	49,59	46,86	43,92	40,83	37,74
45	57,18	54,57	51,6	48,36	44,94	41,46	38,04
50	60	56,88	53,37	49,68	45,84	41,97	38,22

Caratteristiche tecniche / Technical features :

- Compressore / Compressor : Marca / Brand : Bitzer
Modello / Model : 4TCS-12,2Y
Numero / Number : 3

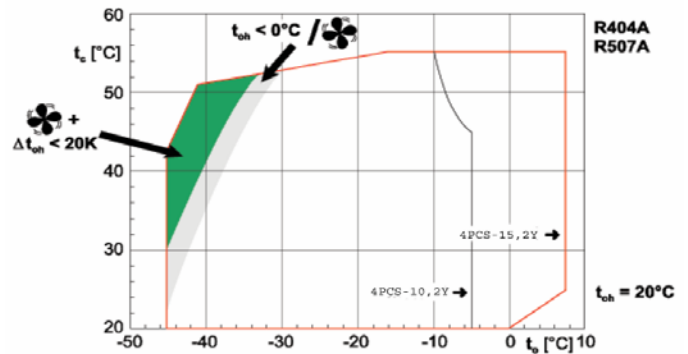
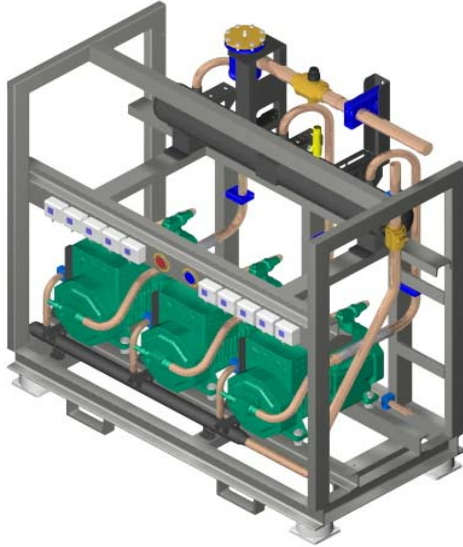
PS HBP = 30bar
PS LBP = 24bar

- Alimentazione / Power supply : 400V 3Ph + N 50Hz

- Schema frigorifero / Refrigerating diagram: A - page 25

**T3BM****T3BL**

Modello:

T3BM075Z02-00000Total displacement
145,5 m³/hApplication
range
[°C]+5/-25

CX					Separate liquid receiver set (Opt.) ref. OPT0076
Dimensions			Weight	PED	
L [mm] (large)	P [mm] (width)	H [mm] (height)	[kg]	II	Capacity [L]
1600	790	1900	1020		30

Attacchi / Pipe fittings			
CX		Separate liquid receiver set - ref. OPT0076	
Discharge [mm] Ø42	Suction [mm] Ø76	Condensate [mm] Ø35	Liquid [mm] Ø28

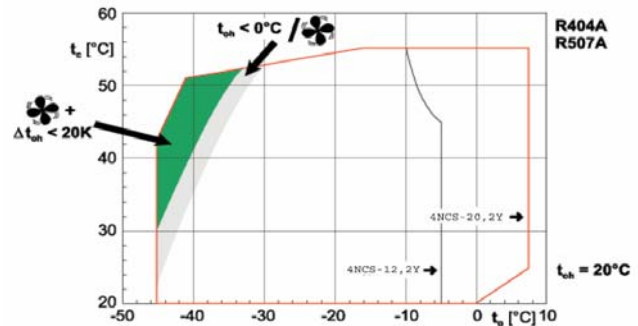
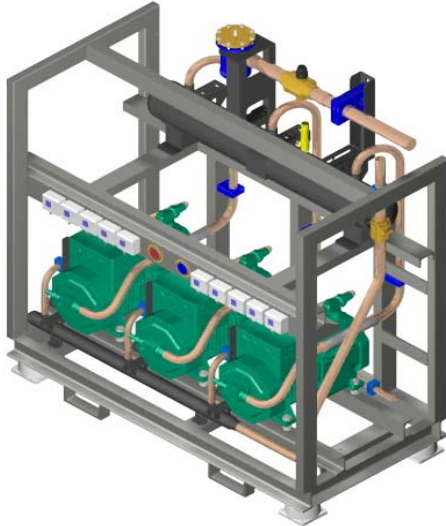
R404A	Potenza frigorifera [W] / Refrigerating capacity [W] - EN12900						
	Temperatura di evaporazione [°C] / Evaporation temperature [°C]						
T.cond [°C]	5	0	-5	-10	-15	-20	-25
40	143604	119889	99195	81192	65574	52083	40482
45	130485	108813	89868	73359	59025	46632	35979
50	117042	97455	80292	65313	52296	41040	31368
Potenza assorbita [W] / Power absorption [W] - EN12900							
40	36420	34530	32370	29970	27330	24540	21570
45	39000	36510	33840	31020	28050	24960	21780
50	41340	38340	35190	31980	28650	25290	21840
Corrente assorbita [A] / Current absorption [A] - EN12900							
40	61,5	58,89	55,89	52,59	49,05	45,36	41,7
45	65,1	61,8	57,96	54,03	50,01	45,93	41,91
50	68,7	64,2	59,82	55,35	50,82	46,35	42

Caratteristiche tecniche / Technical features:

- Compressore / Compressor : Marca / Brand : Bitzer
Modello / Model : **4PCS-15,2Y**
Numero / Number : 3
 - Alimentazione / Power supply : 400V 3Ph + N 50Hz
 - Schema frigorifero / Refrigerating diagram : A - page 25
- PS HBP = 30bar
PS LBP = 24bar

**T3BM****T3BL**

Modello:

T3BM087Z02-00000Total displacement
168,6 m³/hApplication
range
[°C]+5/-25

CX					Separate liquid receiver set (Opt.) ref. OPT0078 Capacity [L]
Dimensions			Weight [kg]	PED	
L [mm] (large)	P [mm] (width)	H [mm] (height)			
1600	790	1900	1030	II	60

Attacchi / Pipe fittings			
CX		Separate liquid receiver set - ref. OPT0078	
Discharge [mm] Ø42	Suction [mm] Ø76	Condensate [mm] Ø35	Liquid [mm] Ø28

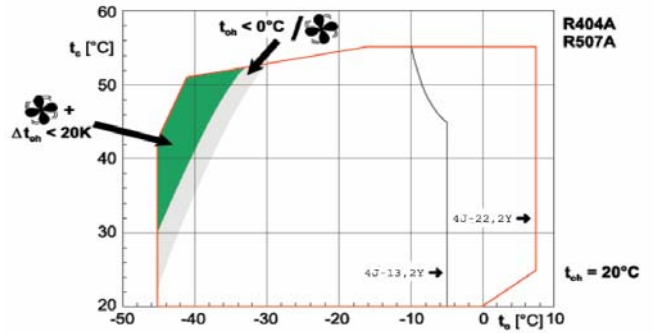
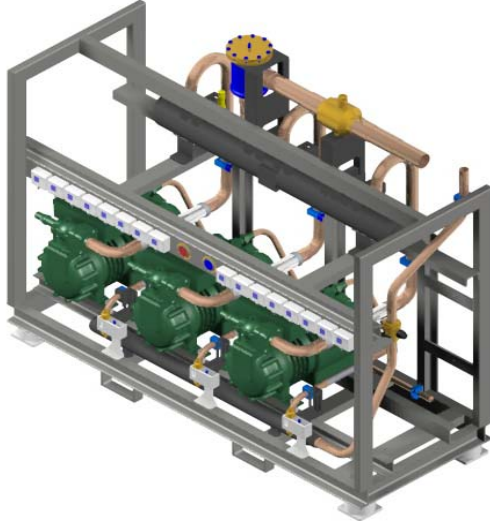
R404A	Potenza frigorifera [W] / Refrigerating capacity [W] - EN12900						
	Temperatura di evaporazione [°C] / Evaporation temperature [°C]						
T.cond [°C]	5	0	-5	-10	-15	-20	-25
40	166332	138720	114651	93738	75621	60000	46602
45	151740	126288	104079	84774	68058	53661	41337
50	136899	113664	93363	75705	60420	47271	36039
Potenza assorbita [W] / Power absorption [W] - EN12900							
40	43470	41370	38730	35730	32400	28860	25200
45	46320	43590	40410	36900	33150	29220	25230
50	48840	45540	41850	37890	33720	29430	25140
Corrente assorbita [A] / Current absorption [A] - EN12900							
40	73,5	70,5	66,9	62,7	58,23	53,67	49,2
45	77,4	73,5	69	64,2	59,19	54,12	49,23
50	81	76,2	71,1	65,7	59,94	54,39	49,14

Caratteristiche tecniche / Technical features:

- Compressore / Compressor : Marca / Brand : Bitzer PS HBP [bar] 30
Modello / Model : 4NCS-20,2Y PS LBP [bar] 24
Numero / Number : 3
- Alimentazione / Power supply : 400V 3Ph + N 50Hz
- Schema frigorifero / Refrigerating diagram: A - page 25

**T3BM****T3BL**

Modello:

T3BM098Z02-00000Total displacement
190,5 m³/hApplication
range
[°C]+5/-25

CX					Separate liquid receiver set (Opt.) ref. OPT0078
Dimensions			Weight	PED	
L [mm] (large)	P [mm] (width)	H [mm] (height)	[kg]	II	Capacity [L]
2100	790	1900	1200		60

Attacchi / Pipe fittings			
CX		Separate liquid receiver set - ref. OPT0078	
Discharge [mm] Ø42	Suction [mm] Ø76	Condensate [mm] Ø35	Liquid [mm] Ø28

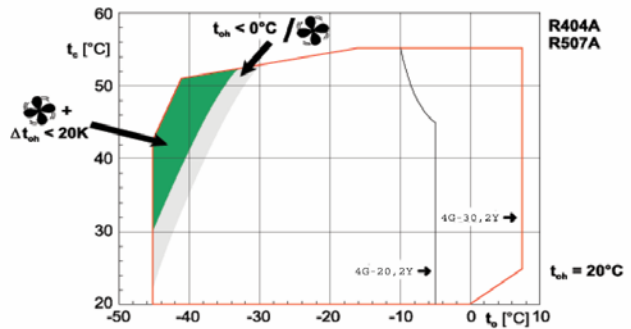
R404A	Potenza frigorifera [W] / Refrigerating capacity [W] - EN12900						
	Temperatura di evaporazione [°C] / Evaporation temperature [°C]						
T.cond [°C]	5	0	-5	-10	-15	-20	-25
40	184539	154419	128142	105285	85455	68322	53598
45	169203	141534	117351	96279	77988	62178	48591
50	153795	128628	106578	87339	70623	56169	43755
Potenza assorbita [W] / Power absorption [W] - EN12900							
40	48360	46470	44010	41070	37740	34110	30240
45	52560	50010	46920	43410	39570	35460	31140
50	56790	53550	49860	45780	41400	36840	32130
Corrente assorbita [A] / Current absorption [A] - EN12900							
40	80,4	77,7	74,1	69,9	65,4	60,6	55,41
45	86,4	82,5	78,3	73,2	67,8	62,4	56,61
50	92,4	87,9	82,5	76,5	70,5	64,2	57,84

Caratteristiche tecniche / Technical features :

- Compressore / Compressor : Marca / Brand : Bitzer PS HBP [bar] 30
Modello / Model : 4J-22,2Y PS LBP [bar] 24
Numero / Number : 3
- Alimentazione / Power supply : 400V 3Ph + N 50Hz
- Schema frigorifero / Refrigerating diagram: B - page 26

**T3BM****T3BL**

Modello:

T3BM132Z02-00000Total displacement
253,8 m³/hApplication
range
[°C]+5/-25

CX					Separate liquid receiver set (Opt.)
Dimensions			Weight	PED	ref. OPT0078
L [mm] (large)	P [mm] (width)	H [mm] (height)	[kg]	II	Capacity [L]
2100	790	1900	1250		60

Attacchi / Pipe fittings

CX		Separate liquid receiver set - ref. OPT0078	
Discharge [mm] Ø42	Suction [mm] Ø80	Condensate [mm] Ø35	Liquid [mm] Ø28

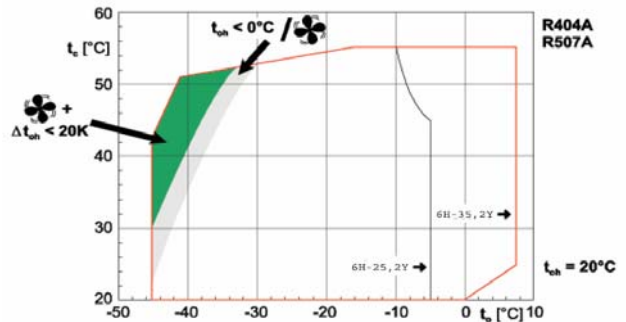
R404A	Potenza frigorifera [W] / Refrigerating capacity [W] - EN12900						
	Temperatura di evaporazione [°C] / Evaporation temperature [°C]						
T.cond [°C]	5	0	-5	-10	-15	-20	-25
40	245340	205692	171072	140925	114741	92079	72561
45	225069	188619	156717	128883	104673	83703	65625
50	204486	171288	142161	116697	94524	75300	58728
Potenza assorbita [W] / Power absorption [W] - EN12900							
40	68700	65100	61200	56640	51780	46680	41430
45	73800	69300	64500	59340	53820	48150	42420
50	78600	73500	67800	61800	55680	49500	43350
Corrente assorbita [A] / Current absorption [A] - EN12900							
40	115,2	110,4	104,7	98,4	91,8	84,9	78,3
45	122,7	116,4	109,5	102,3	94,5	87	79,5
50	129,6	122,1	114	105,6	97,2	88,8	80,7

Caratteristiche tecniche / Technical features:

- Compressore / Compressor : Marca / Brand : Bitzer PS HBP [bar] 30
Modello / Model : 4G-30,2Y PS LBP [bar] 24
Numero / Number : 3
- Alimentazione / Power supply : 400V 3Ph + N 50Hz
- Schema frigorifero / Refrigerating diagram : B - page 26

**T3BM****T3BL**

Modello:

T3BM170Z02-00000Total displacement
331,5 m³/hApplication
range
[°C]+5/-25

CX					Separate liquid receiver set (Opt.)
Dimensions			Weight	PED	ref. OPT0083
L [mm] (large)	P [mm] (width)	H [mm] (height)	[kg]	II	Capacity [L]
2100	790	1900	1365		98

Attacchi / Pipe fittings

CX		Separate liquid receiver set - ref. OPT0083	
Discharge [mm] Ø54	Suction [mm] Ø80	Condensate [mm] Ø42	Liquid [mm] Ø35

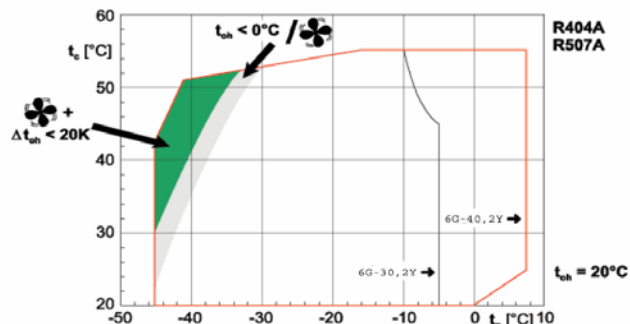
R404A	Potenza frigorifera [W] / Refrigerating capacity [W] - EN12900						
	Temperatura di evaporazione [°C] / Evaporation temperature [°C]						
T.cond [°C]	5	0	-5	-10	-15	-20	-25
40	319941	267792	222297	182721	148395	118743	93255
45	292986	245127	203292	166848	135207	107868	84369
50	265938	222444	184338	151089	122199	97227	75774
Potenza assorbita [W] / Power absorption [W] - EN12900							
40	87600	83400	78300	72900	66900	60300	53640
45	93900	88500	82800	76500	69600	62400	54960
50	99600	93600	87000	79800	72000	64200	56130
Corrente assorbita [A] / Current absorption [A] - EN12900							
40	148,5	142,5	135,3	127,8	119,7	111	102,6
45	157,2	149,7	141,6	132,6	123,3	113,7	104,1
50	165,6	156,9	147,3	137,1	126,6	116,1	105,6

Caratteristiche tecniche / Technical features:

- Compressore / Compressor : Marca / Brand : Bitzer PS HBP [bar] 30
Modello / Model : **6H-35,2Y** PS LBP [bar] 24
Numero / Number : 3
- Alimentazione / Power supply : 400V 3Ph + N 50Hz
- Schema frigorifero / Refrigerating diagram: B - page 26

**T3BM****T3BL**

Modello:

T3BM197Z02-00000Total displacement
380,4 m³/hApplication
range
[°C]+5/-25

CX				Separate liquid receiver set (Opt.)	
Dimensions			Weight	PED	ref. OPT0083
L [mm] (large)	P [mm] (width)	H [mm] (height)	[kg]	II	Capacity [L]
2100	790	1900	1370		98

Attacchi / Pipe fittings

CX		Separate liquid receiver set - ref. OPT0083	
Discharge [mm] Ø54	Suction [mm] Ø80	Condensate [mm] Ø42	Liquid [mm] Ø35

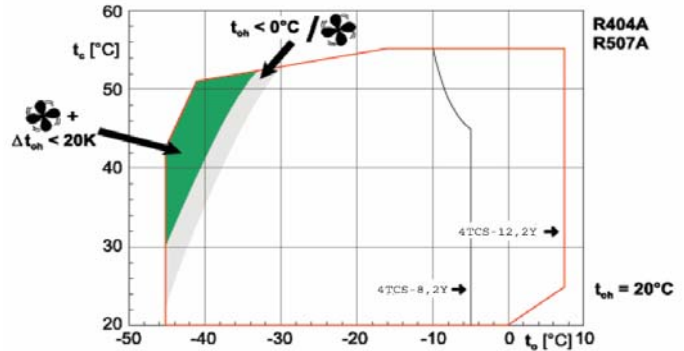
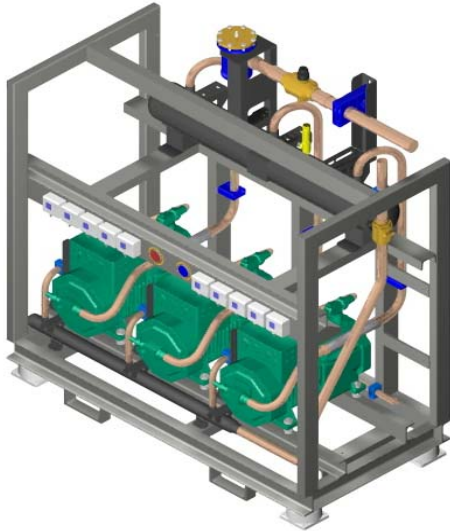
R404A	Potenza frigorifera [W] / Refrigerating capacity [W] - EN12900						
	Temperatura di evaporazione [°C] / Evaporation temperature [°C]						
T.cond [°C]	5	0	-5	-10	-15	-20	-25
40	367233	307878	256074	210978	171831	137979	108849
45	336348	282021	234480	193002	156924	125676	98742
50	305223	255987	212757	174939	141969	113355	88644
Potenza assorbita [W] / Power absorption [W] - EN12900							
40	103800	98100	91800	85200	78000	70500	63000
45	110400	103800	96600	89100	81000	72900	64500
50	117000	109200	101100	92700	84000	75000	65700
Corrente assorbita [A] / Current absorption [A] - EN12900							
40	178,2	170,1	161,4	152,4	143,1	133,5	124,5
45	187,5	177,9	168	157,5	147	136,5	126
50	197,1	186	174,3	162,6	150,9	139,2	127,8

Caratteristiche tecniche / Technical features:

- Compressore / Compressor : Marca / Brand : Bitzer PS HBP [bar] 30
Modello / Model : **6G-40,2Y** PS LBP [bar] 24
Numero / Number : 3
- Alimentazione / Power supply : 400V 3Ph + N 50Hz
- Schema frigorifero / Refrigerating diagram: B - page 26

**T3BM****T3BL**

Modello:

T3BL024Z02-00000Total displacement
123,9 m³/hApplication
range
[°C]-10/-40

CX				Separate liquid receiver set (Opt.)	
Dimensions			Weight [kg]	PED	ref. OPT0076
L [mm] (large)	P [mm] (width)	H [mm] (height)			Capacity [L]
1600	790	1900	1000	II	30

Attacchi / Pipe fittings

CX		Separate liquid receiver set - ref. OPT0076	
Discharge [mm] Ø42	Suction [mm] Ø54	Condensate [mm] Ø35	Liquid [mm] Ø28

R404A	Potenza frigorifera [W] / Refrigerating capacity [W] - EN12900						
	Temperatura di evaporazione [°C] / Evaporation temperature [°C]						
T.cond [°C]	-10	-15	-20	-25	-30	-35	-40
40	68364	55431	44265	34677	26496	19560	13731
45	61680	49866	39657	30882	23388	17037	11697
50	55044	44376	35142	27195	20403	14637	9786
	Potenza assorbita [W] / Power absorption [W] - EN12900						
40	27150	24600	22020	19380	16710	13980	11220
45	28230	25410	22560	19710	16800	13860	10860
50	29220	26130	23040	19950	16830	13650	10380
	Corrente assorbita [A] / Current absorption [A] - EN12900						
40	44,1	40,41	36,63	32,82	29,01	25,29	21,78
45	45,72	41,58	37,41	33,27	29,16	25,14	21,36
50	47,19	42,6	38,1	33,63	29,19	24,87	20,82

Caratteristiche tecniche / Technical features :

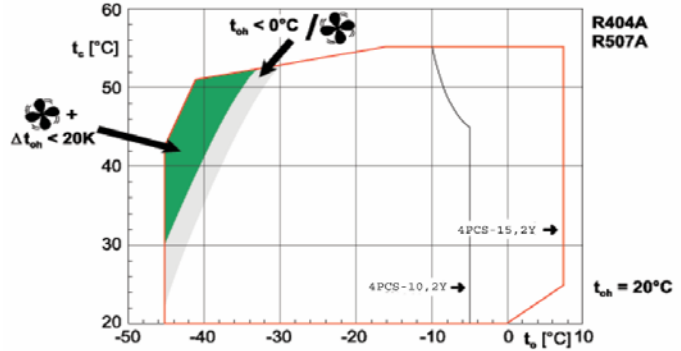
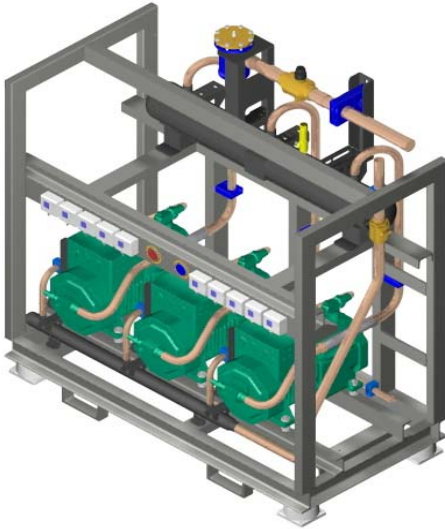
- Compressore / Compressor : Marca / Brand : Bitzer PS HBP [bar] 30
Modello / Model : 4TCS-8,2Y PS LBP [bar] 24
Numero / Number : 3
- Alimentazione / Power supply : 400V 3Ph + N 50Hz
- Schema frigorifero / Refrigerating diagram: A - page 25



RIVACOLD

**T3BM****T3BL**

Modello:

T3BL028Z02-00000Total displacement
145,5 m³/hApplication
range
[°C]-10/-40

CX					Separate liquid receiver set (Opt.)
Dimensions			Weight	PED	ref. OPT0076
L [mm] (large)	P [mm] (width)	H [mm] (height)	[kg]	II	Capacity [L]
1600	790	1900	1015		30

Attacchi / Pipe fittings			
CX		Separate liquid receiver set - ref. OPT0076	
Discharge [mm]	Suction [mm]	Condensate [mm]	Liquid [mm]
Ø42	Ø54	Ø35	Ø28

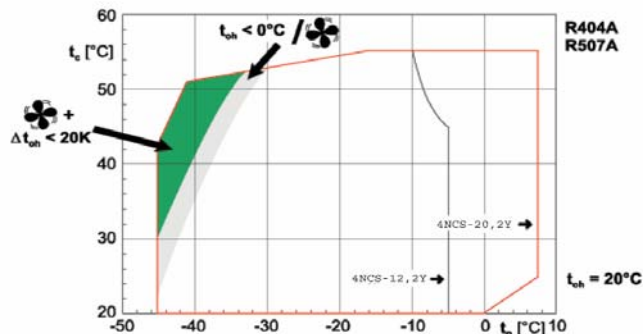
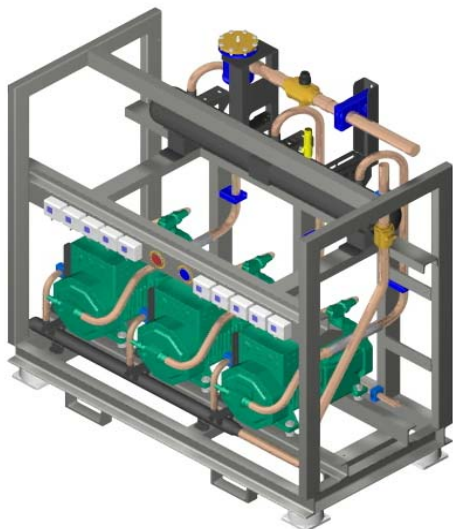
R404A	Potenza frigorifera [W] / Refrigerating capacity [W] - EN12900						
	Temperatura di evaporazione [°C] / Evaporation temperature [°C]						
T.cond [°C]	-10	-15	-20	-25	-30	-35	-40
40	79506	64425	51402	40212	30654	22548	15729
45	71949	58107	46146	35871	27099	19668	13425
50	64431	51855	40983	31641	23670	16929	11274
Potenza assorbita [W] / Power absorption [W] - EN12900							
40	31350	28410	25350	22230	19050	15900	12750
45	32670	29370	25980	22500	19020	15600	12270
50	33780	30120	26400	22590	18840	15150	11640
Corrente assorbita [A] / Current absorption [A] - EN12900							
40	51,66	47,43	43,08	38,7	34,44	30,39	26,76
45	53,55	48,81	43,95	39,09	34,38	30,03	26,25
50	55,17	49,89	44,55	39,21	34,11	29,49	25,59

Caratteristiche tecniche / Technical features:

- Compressore / Compressor : Marca / Brand : Bitzer
Modello / Model : **4PCS-10,2Y**
Numero / Number : 3
 - Alimentazione / Power supply : 400V 3Ph + N 50Hz
 - Schema frigorifero / Refrigerating diagram: A - page 25
- PS HBP [bar] 30
PS LBP [bar] 24

**T3BM****T3BL**

Modello:

T3BL032Z02-00000Total displacement
168,6 m³/hApplication
range
[°C]-10/-40

CX				PED	Separate liquid receiver set (Opt.) ref. OPT0078
Dimensions			Weight		
L [mm] (large)	P [mm] (width)	H [mm] (height)	Weight [kg]	II	Capacity [L]
1600	790	1900	1020		60

Attacchi / Pipe fittings			
CX		Separate liquid receiver set - ref. OPT0078	
Discharge [mm]	Suction [mm]	Condensate [mm]	Liquid [mm]
Ø42	Ø54	Ø35	Ø28

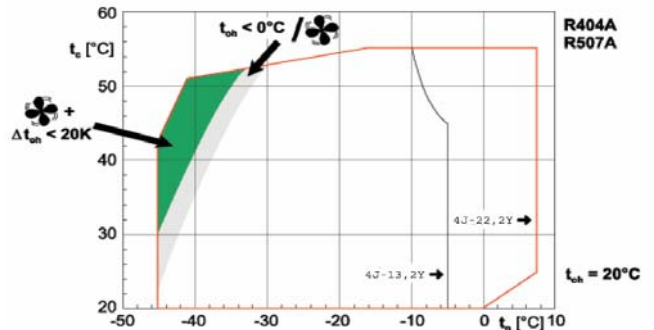
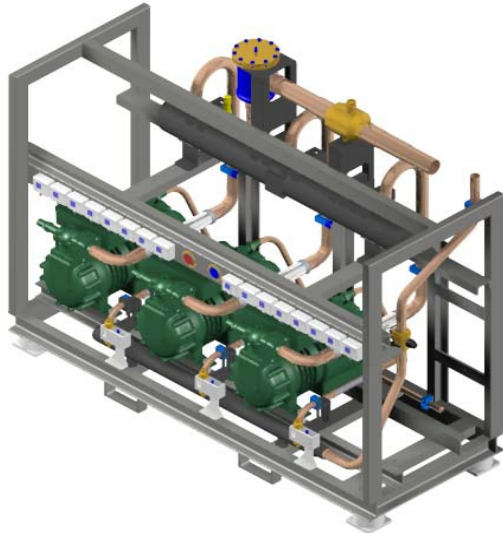
R404A	Potenza frigorifera [W] / Refrigerating capacity [W] - EN12900						
	Temperatura di evaporazione [°C] / Evaporation temperature [°C]						
T.cond [°C]	-10	-15	-20	-25	-30	-35	-40
40	91872	74463	59439	46536	35529	26205	18372
45	83250	67263	53448	41574	31437	22845	15624
50	74544	60021	47445	36624	27372	19518	12912
Potenza assorbita [W] / Power absorption [W] - EN12900							
40	36990	33540	29910	26130	22320	18570	14970
45	38490	34590	30540	26430	22350	18330	14460
50	39840	35490	31110	26730	22350	18030	13800
Corrente assorbita [A] / Current absorption [A] - EN12900							
40	61,8	56,94	51,9	46,86	41,94	37,41	33,48
45	63,9	58,38	52,8	47,25	41,97	37,11	32,94
50	66	59,67	53,58	47,64	41,97	36,78	32,31

Caratteristiche tecniche / Technical features :

- Compressore / Compressor : Marca / Brand : Bitzer
Modello / Model : **4NCS-12,2Y**
Numero / Number : 3
 - Alimentazione / Power supply : 400V 3Ph + N 50Hz
 - Schema frigorifero / Refrigerating diagram: A - page 25
- PS HBP [bar] 30
PS LBP [bar] 24

**T3BM****T3BL**

Modello:

T3BL039Z02-00000Total displacement
190,5 m³/hApplication
range
[°C]-10/-40

CX				Separate liquid receiver set (Opt.)	
Dimensions			Weight [kg]	PED	ref. OPT0078
L [mm] (large)	P [mm] (width)	H [mm] (height)			Capacity [L]
2100	790	1900	1200	II	60

Attacchi / Pipe fittings

CX		Separate liquid receiver set - ref. OPT0078	
Discharge [mm] Ø42	Suction [mm] Ø76	Condensate [mm] Ø35	Liquid [mm] Ø28

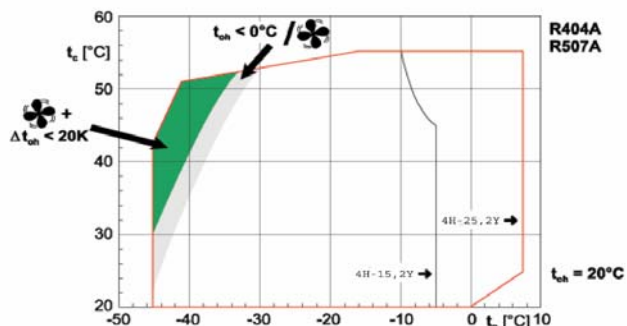
R404A	Potenza frigorifera [W] / Refrigerating capacity [W] - EN12900						
	Temperatura di evaporazione [°C] / Evaporation temperature [°C]						
T.cond [°C]	-10	-15	-20	-25	-30	-35	-40
40	105705	86037	69051	54450	41979	31398	22491
45	96384	78291	62655	49212	37731	27999	19815
50	87099	70611	56352	44097	33639	24786	17355
	Potenza assorbita [W] / Power absorption [W] - EN12900						
40	42240	38700	34860	30810	26610	22320	18000
45	44460	40410	36150	31710	27120	22500	17880
50	46560	42060	37350	32520	27570	22590	17670
	Corrente assorbita [A] / Current absorption [A] - EN12900						
40	69,9	64,8	59,37	53,73	48,09	42,6	37,53
45	72,9	67,2	61,2	54,96	48,78	42,81	37,38
50	76,2	69,6	63	56,07	49,35	42,93	37,17

Caratteristiche tecniche / Technical features:

- Compressore / Compressor : Marca / Brand : Bitzer PS HBP [bar] 30
Modello / Model : 4J-13,2Y PS LBP [bar] 24
Numero / Number : 3
- Alimentazione / Power supply : 400V 3Ph + N 50Hz
- Schema frigorifero / Refrigerating diagram: B - page 26

**T3BM****T3BL**

Modello:

T3BL046Z02-00000Total displacement
221,1 m³/hApplication
range
[°C]-10/-40

CX				Separate liquid receiver set (Opt.)	
Dimensions			Weight [kg]	PED	ref. OPT0078
L [mm] (large)	P [mm] (width)	H [mm] (height)			Capacity [L]
2100	790	1900	1215	II	60

Attacchi / Pipe fittings

CX		Separate liquid receiver set - ref. OPT0078	
Discharge [mm] Ø42	Suction [mm] Ø76	Condensate [mm] Ø35	Liquid [mm] Ø28

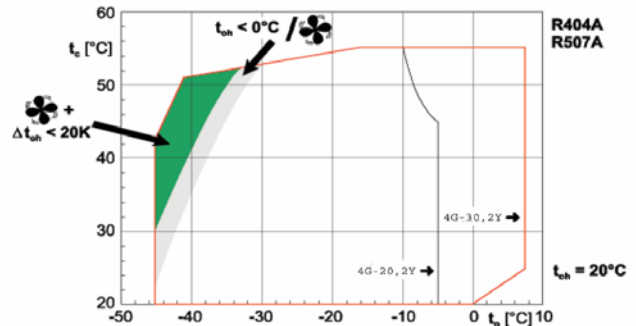
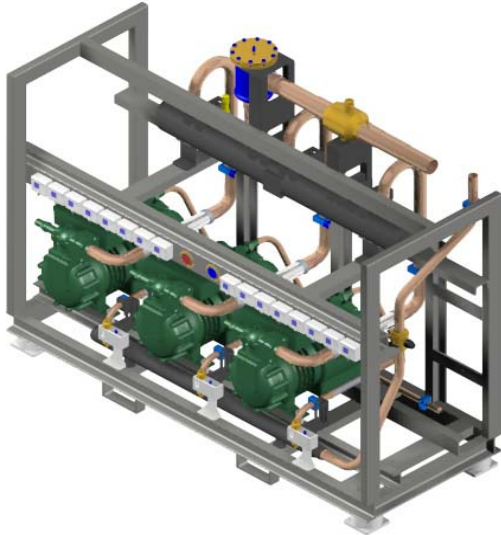
R404A	Potenza frigorifera [W] / Refrigerating capacity [W] - EN12900						
	Temperatura di evaporazione [°C] / Evaporation temperature [°C]						
T.cond [°C]	-10	-15	-20	-25	-30	-35	-40
40	123357	100773	81258	64479	50136	37956	27690
45	112563	91728	73707	58197	44934	33669	24174
50	101721	82659	66153	51939	39777	29451	20751
Potenza assorbita [W] / Power absorption [W] - EN12900							
40	50340	45990	41430	36720	31920	27120	22380
45	52980	48060	42960	37770	32550	27360	22290
50	55470	49980	44370	38700	33060	27480	22080
Corrente assorbita [A] / Current absorption [A] - EN12900							
40	81,9	75,3	68,7	62,1	55,29	48,78	42,69
45	85,8	78,3	70,8	63,6	56,13	49,08	42,54
50	89,7	81,3	72,9	64,8	56,85	49,26	42,3

Caratteristiche tecniche / Technical features:

- Compressore / Compressor : Marca / Brand : Bitzer
Modello / Model : **4H-15,2Y**
Numero / Number : 3
 - Alimentazione / Power supply : 400V 3Ph + N 50Hz
 - Schema frigorifero / Refrigerating diagram: B - page 26
- PS HBP [bar] 30
PS LBP [bar] 24

**T3BM****T3BL**

Modello:

T3BL053Z02-00000Total displacement
253,8 m³/hApplication
range
[°C]-10/-40

CX				Separate liquid receiver set (Opt.)	
Dimensions			Weight [kg]	PED	ref. OPT0078
L [mm] (large)	P [mm] (width)	H [mm] (height)			Capacity [L]
2100	790	1900	1240	II	60

Attacchi / Pipe fittings			
CX		Separate liquid receiver set - ref. OPT0078	
Discharge [mm] Ø42	Suction [mm] Ø80	Condensate [mm] Ø35	Liquid [mm] Ø28

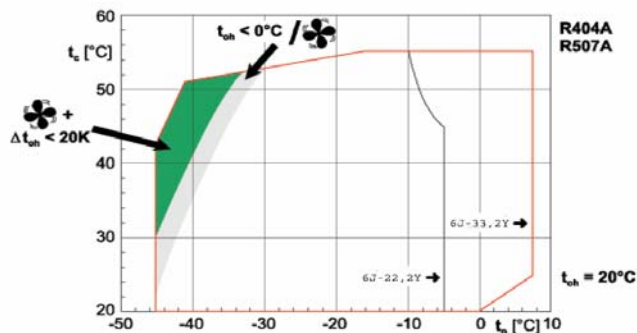
R404A	Potenza frigorifera [W] / Refrigerating capacity [W] - EN12900						
	Temperatura di evaporazione [°C] / Evaporation temperature [°C]						
T.cond [°C]	-10	-15	-20	-25	-30	-35	-40
40	141753	115932	93567	74277	57720	43584	31587
45	129228	105627	85140	67434	52200	39159	28053
50	116226	94896	76341	60261	46398	34500	24336
Potenza assorbita [W] / Power absorption [W] - EN12900							
40	58050	53010	47760	42360	36870	31380	25950
45	60900	55350	49500	43590	37620	31740	25950
50	63600	57420	51000	44580	38160	31890	25770
Corrente assorbita [A] / Current absorption [A] - EN12900							
40	94,5	87	79,5	71,7	64,2	56,88	50,1
45	99	90,3	81,9	73,5	65,1	57,33	50,1
50	102,9	93,6	84	75	66	57,54	49,89

Caratteristiche tecniche / Technical features :

- Compressore / Compressor : Marca / Brand : Bitzer PS HBP [bar] 30
Modello / Model : **4G-20,2Y** PS LBP [bar] 24
Numero / Number : 3
- Alimentazione / Power supply : 400V 3Ph + N 50Hz
- Schema frigorifero / Refrigerating diagram: B - page 26

**T3BM****T3BL**

Modello:

T3BL058Z02-00000Total displacement
285,9 m³/hApplication
range
[°C]-10/-40

CX				Separate liquid receiver set (Opt.)	
Dimensions			Weight [kg]	PED	ref. OPT0083
L [mm] (large)	P [mm] (width)	H [mm] (height)			Capacity [L]
2100	790	1900	1350	II	98

Attacchi / Pipe fittings			
CX		Separate liquid receiver set - ref. OPT0083	
Discharge [mm] Ø54	Suction [mm] Ø80	Condensate [mm] Ø42	Liquid [mm] Ø35

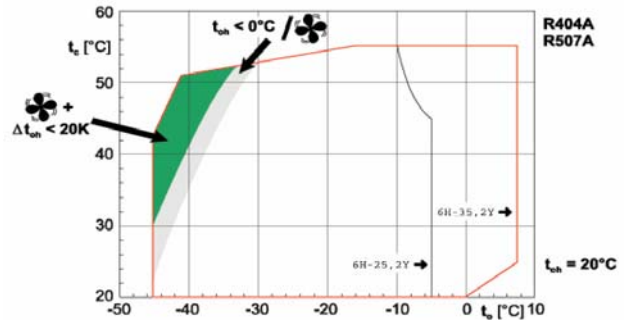
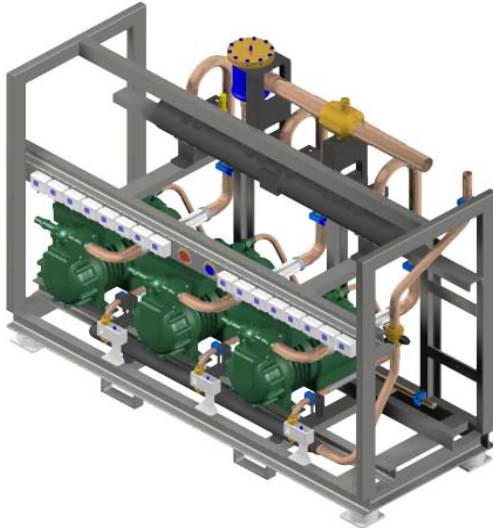
R404A	Potenza frigorifera [W] / Refrigerating capacity [W] - EN12900						
	Temperatura di evaporazione [°C] / Evaporation temperature [°C]						
T.cond [°C]	-10	-15	-20	-25	-30	-35	-40
40	157752	128418	103083	81306	62706	46923	33636
45	144495	117321	93828	73635	56388	41760	29457
50	131136	106188	84609	66060	50226	36813	25557
Potenza assorbita [W] / Power absorption [W] - EN12900							
40	63900	58290	52470	46350	40020	33600	27090
45	67500	61200	54600	47790	40830	33780	26760
50	70800	63900	56520	49020	41400	33780	26190
Corrente assorbita [A] / Current absorption [A] - EN12900							
40	104,4	96,6	88,5	80,4	72	64,2	57,21
45	109,8	100,8	91,5	82,2	73,2	64,5	56,85
50	114,9	104,7	94,2	84	73,8	64,5	56,28

Caratteristiche tecniche / Technical features :

- Compressore / Compressor : Marca / Brand : Bitzer PS HBP [bar] 30
Modello / Model : **6J-22,2Y** PS LBP [bar] 24
Numero / Number : 3
- Alimentazione / Power supply : 400V 3Ph + N 50Hz
- Schema frigorifero / Refrigerating diagram: B - page 26

**T3BM****T3BL**

Model:

T3BL068Z02-00000Total displacement
331,5 m³/hApplication
range
[°C]-10/-40

CX				Separate liquid receiver set (Opt.)	
Dimensions			Weight	PED	ref. OPT0083
L [mm] (large)	P [mm] (width)	H [mm] (height)	[kg]	II	Capacity [L]
2100	790	1900	1385		98

Attacchi / Pipe fittings			
CX		Separate liquid receiver set - ref. OPT0083	
Discharge [mm] Ø54	Suction [mm] Ø80	Condensate [mm] Ø42	Liquid [mm] Ø35

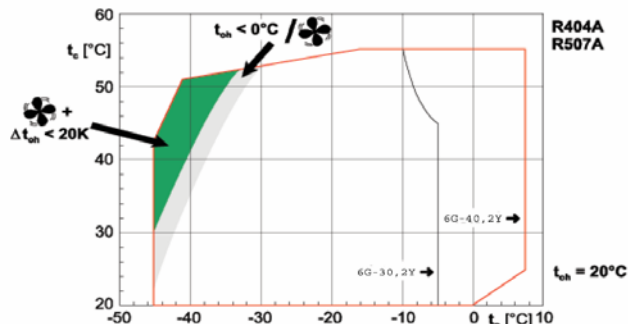
R404A	Potenza frigorifera [W] / Refrigerating capacity [W] - EN12900						
	Temperatura di evaporazione [°C] / Evaporation temperature [°C]						
T.cond [°C]	-10	-15	-20	-25	-30	-35	-40
40	184692	150588	121125	95799	74157	55788	40314
45	168246	137100	110130	86895	66993	50055	35742
50	151545	123405	98976	77880	59760	44295	31185
Potenza assorbita [W] / Power absorption [W] - EN12900							
40	75600	69000	62100	54840	47490	40080	32760
45	79500	72300	64500	56490	48480	40500	32700
50	83400	75000	66600	57930	49290	40770	32490
Corrente assorbita [A] / Current absorption [A] - EN12900							
40	121,8	112,2	102	91,8	81,9	72,3	63,3
45	127,8	116,7	105,6	94,2	83,1	72,6	63,3
50	133,5	120,9	108,6	96,3	84,3	72,9	63

Caratteristiche tecniche / Technical features:

- Compressore / Compressor : Marca / Brand : Bitzer PS HBP [bar] 30
Modello / Model : **6H-25,2Y** PS LBP [bar] 24
Numero / Number : 3
- Alimentazione / Power supply : 400V 3Ph + N 50Hz
- Schema frigorifero / Refrigerating diagram: B - page 26

**T3BM****T3BL**

Model:

T3BL078Z02-00000Total displacement
380,4 m³/hApplication
range
[°C]-10/-40

CX					Separate liquid receiver set (Opt.)
Dimensions			Weight	PED	ref. OPT0083
L [mm] (large)	P [mm] (width)	H [mm] (height)	[kg]		Capacity [L]
2100	790	1900	1395	II	98

Attacchi / Pipe fittings

CX		Separate liquid receiver set - ref. OPT0083	
Discharge [mm] Ø54	Suction [mm] Ø80	Condensate [mm] Ø42	Liquid [mm] Ø35

R404A	Potenza frigorifera [W] / Refrigerating capacity [W] - EN12900						
	Temperatura di evaporazione [°C] / Evaporation temperature [°C]						
T.cond [°C]	-10	-15	-20	-25	-30	-35	-40
40	207969	169725	136638	108141	83736	62952	45378
45	190575	155373	124860	98535	75948	56676	40344
50	172818	140664	112740	88608	67869	50148	35106
Potenza assorbita [W] / Power absorption [W] - EN12900							
40	85500	78000	70200	62100	53670	45180	36600
45	90000	81600	72900	63900	54960	45720	36480
50	94200	84900	75600	65700	55980	46080	36180
Corrente assorbita [A] / Current absorption [A] - EN12900							
40	139,8	128,7	117,6	105,9	94,5	83,1	72,3
45	146,4	134,1	121,5	108,9	96	83,7	72
50	153	138,9	125,1	111,3	97,5	84,3	71,7

Caratteristiche tecniche / Technical features:

- Compressore / Compressor : Marca / Brand : Bitzer PS HBP [bar] 30
Modello / Model : **6G-30,2Y** PS LBP [bar] 24
Numero / Number : 3
- Alimentazione / Power supply : 400V 3Ph + N 50Hz
- Schema frigorifero / Refrigerating diagram: B - page 26

**T3BM****T3BL****OPTIONAL**

• **CIRCUITO FRIGORIFERO - REFRIGERATING DIAGRAM (ref."A" page 25 - ref. "B" page 26)**

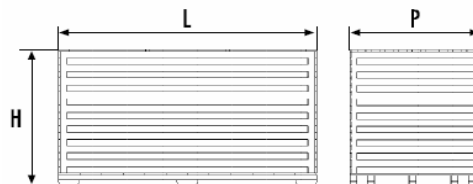
- ① Separatore olio con rubinetto e filtro - *Oil separator with shut off valve and filter*
- ①a Separatore olio con rubinetto e filtro, regolatori livello olio e riserva da 8 litri
Oil separator with shut off valve and filter, oil level regulation and 8 litres reservoir
- ② Valvola di non ritorno - *Check valve*
- ③ Circuito Gas Caldo - *Hot gas circuit:*
 - Completo di valvola di non ritorno, solenoide e rubinetto
 - *Including check valve, solenoid valve and shut off valve*
- ④ Kit ricevitore di liquido (remoto) da 30L a 98L - *Liquid receiver set (separate) from 30L to 98L :*
 - Completo di valvola di sicurezza, filtro, indicatore, rubinetto e variatore velocità ventole condensatore (rubinetti di intercettazione valvola di sicurezza solo per 60L e 98L)
 - *Including pressure relief valve, filter, sight glass, service shut-off valve and condenser fan speed variator (pressure relief valve service valves only for 60L and 98L)*
- ⑤ Kit motoventilatori testata (solo per modelli LBP) - *Compressor head fan motors set (only for LBP models)*

• **CIRCUITO CONTROLLO - CONTROLS CIRCUIT**

- ⑥ PEL-PPL1-PPL2-PPL3 : Pressostati per regolazione in meccanica dei compressori
Pressure switches for compressors mechanical regulation
- ⑦ BPH : Trasduttore di alta pressione - *High pressure transducer*
- ⑧ BPV : Variatore velocità ventole condensatore - *Condenser fan speed variator*

• **IMBALLO - GABBIA DI LEGNO
PACKAGE - WOODEN CRATE**

CODICE CX CX CODE	DIMENSIONE CX CX DIMENSIONS			CODICE IMBALLO PACKAGE CODE	DIMENSIONI E PESO IMBALLO PACKAGE WEIGHT AND DIMENSIONS			
	L[mm]	P[mm]	H[mm]		L[mm]	P[mm]	H[mm]	[kg]
T3BM062Z02-00000	1600	790	1900	43100233	2100	1200	2200	100
T3BM075Z02-00000	1600	790	1900	43100233	2100	1200	2200	100
T3BM087Z02-00000	1600	790	1900	43100233	2100	1200	2200	100
T3BM098Z02-00000	2100	790	1900	43100234	2400	1200	2200	115
T3BM114Z02-00000	2100	790	1900	43100234	2400	1200	2200	115
T3BM132Z02-00000	2100	790	1900	43100234	2400	1200	2200	115
T3BM147Z02-00000	2100	790	1900	43100234	2400	1200	2200	115
T3BM170Z02-00000	2100	790	1900	43100234	2400	1200	2200	115
T3BM197Z02-00000	2100	790	1900	43100234	2400	1200	2200	115
T3BL024Z02-00000	1600	790	1900	43100233	2100	1200	2200	100
T3BL028Z02-00000	1600	790	1900	43100233	2100	1200	2200	100
T3BL032Z02-00000	1600	790	1900	43100233	2100	1200	2200	100
T3BL039Z02-00000	2100	790	1900	43100234	2400	1200	2200	115
T3BL046Z02-00000	2100	790	1900	43100234	2400	1200	2200	115
T3BL053Z02-00000	2100	790	1900	43100234	2400	1200	2200	115
T3BL058Z02-00000	2100	790	1900	43100234	2400	1200	2200	115
T3BL068Z02-00000	2100	790	1900	43100234	2400	1200	2200	115
T3BL078Z02-00000	2100	790	1900	43100234	2400	1200	2200	115



**T3BM****T3BL****OPTIONAL****• CIRCUITO ELETTRICO - ELECTRICAL CIRCUIT**

- F) Collegamenti in scatola di derivazione - *Components wired to a common junction box*
- 1) Quadro elettrico meccanico con controllo elettronico XC811
Mechanical electrical box with electronic control XC811
 - 2) Quadro elettrico meccanico con controllo elettronico EWCM900 e trasduttore di pressione di alta (BPH)
Mechanical electrical box with electric control EWCM900 and high pressure transducer (BPH)
 - 3) Quadro elettrico meccanico con controllo elettronico CAREL pCO2 small e trasduttore di pressione di alta (BPH)
Mechanical electrical box with electric control CAREL pCO2 small and high pressure transducer (BPH)
 - 4) Quadro elettrico meccanico con controllo elettronico CAREL pCO2 medium e trasduttore di pressione di alta (BPH)
Mechanical electrical box with electronic control CAREL pCO2 medium and high pressure transducer (BPH)
- Interruttori magnetotermici differenziali - *Differential thermomagnetic switches*

CARATTERISTICHE QUADRI ELETTRICI - ELECTRICAL PANEL FEATURES

- Il quadro comprende uno strumento elettronico per il controllo del funzionamento dei compressori
The electrical panel is fitted with an electronic control device for compressors operating control
- Esso è dotato di doppio sportello di chiusura per garantire una totale protezione in caso di installazione all'aperto (IP54)
It is equipped with a double closing door for a complete protection for outdoor intallation (IP54)
- Voltaggio: 3Ph + N 400V - 50Hz - *Voltage 3PH + N 400 - 50Hz*
- Sezionatore generale con blocco porta - *General disconnecting switch and door lock*
- Contattori e interruttori magnetotermici ai compressori ed ai ventilatori del condensatore
Compressor and condenser fan contactors and thermomagnetic switches
- Magnetotermici di protezione ai circuiti ausiliari - *Auxiliary circuits protection thermomagnetic switches*
- Selettore on/off compressori - *Compressors on/off switch*
- Spie presenza rete e allarmi - *Alarms and mains pilot lights*

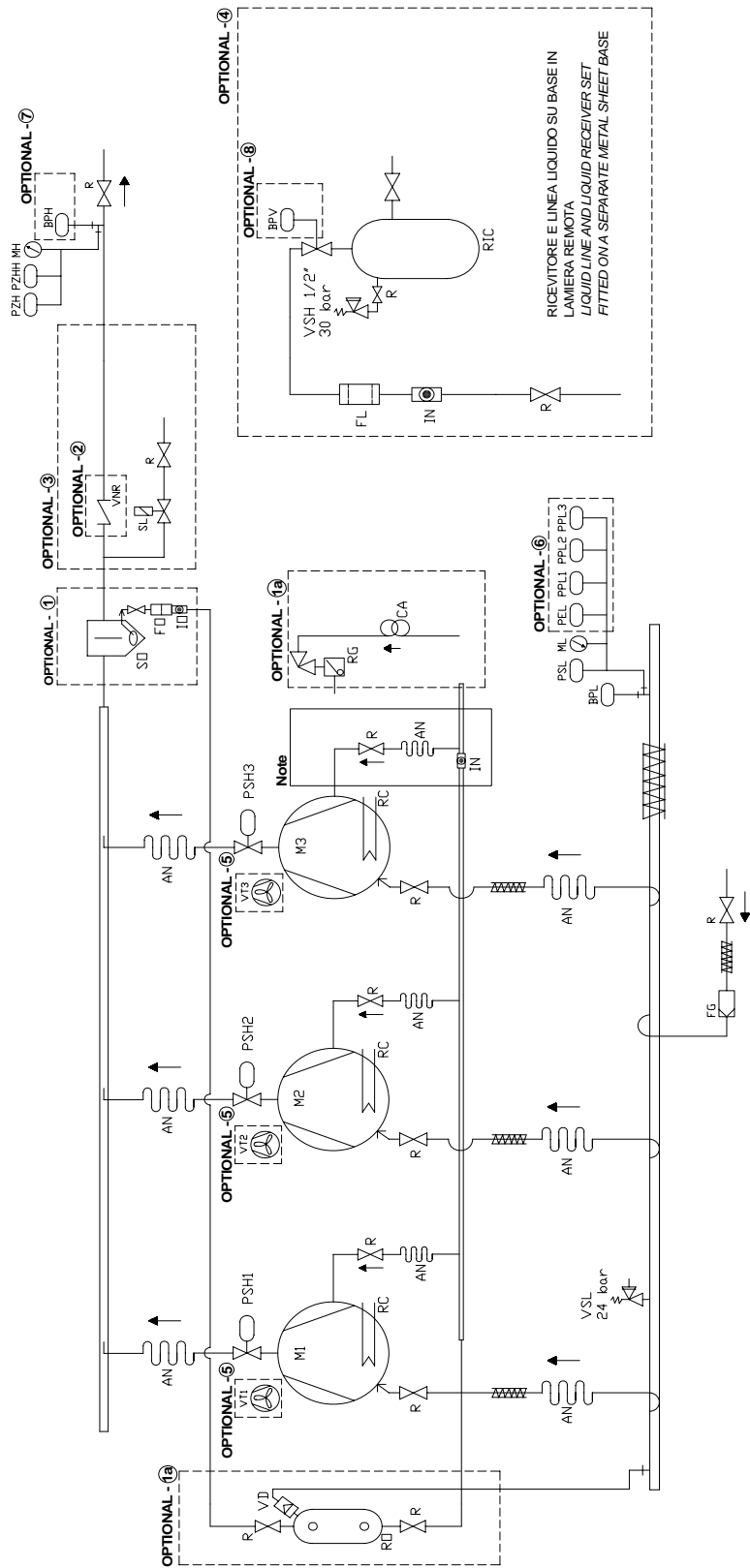


T3BM



T3BL

Schema frigorifero / Refrigerating diagram REF. A



Note : Nel caso venga ordinato l'optional "1a", la linea di equilibrio olio con indicatore non verrà fornita
 In case of "1a" optional is ordered, the line of oil level balance will not be supplied

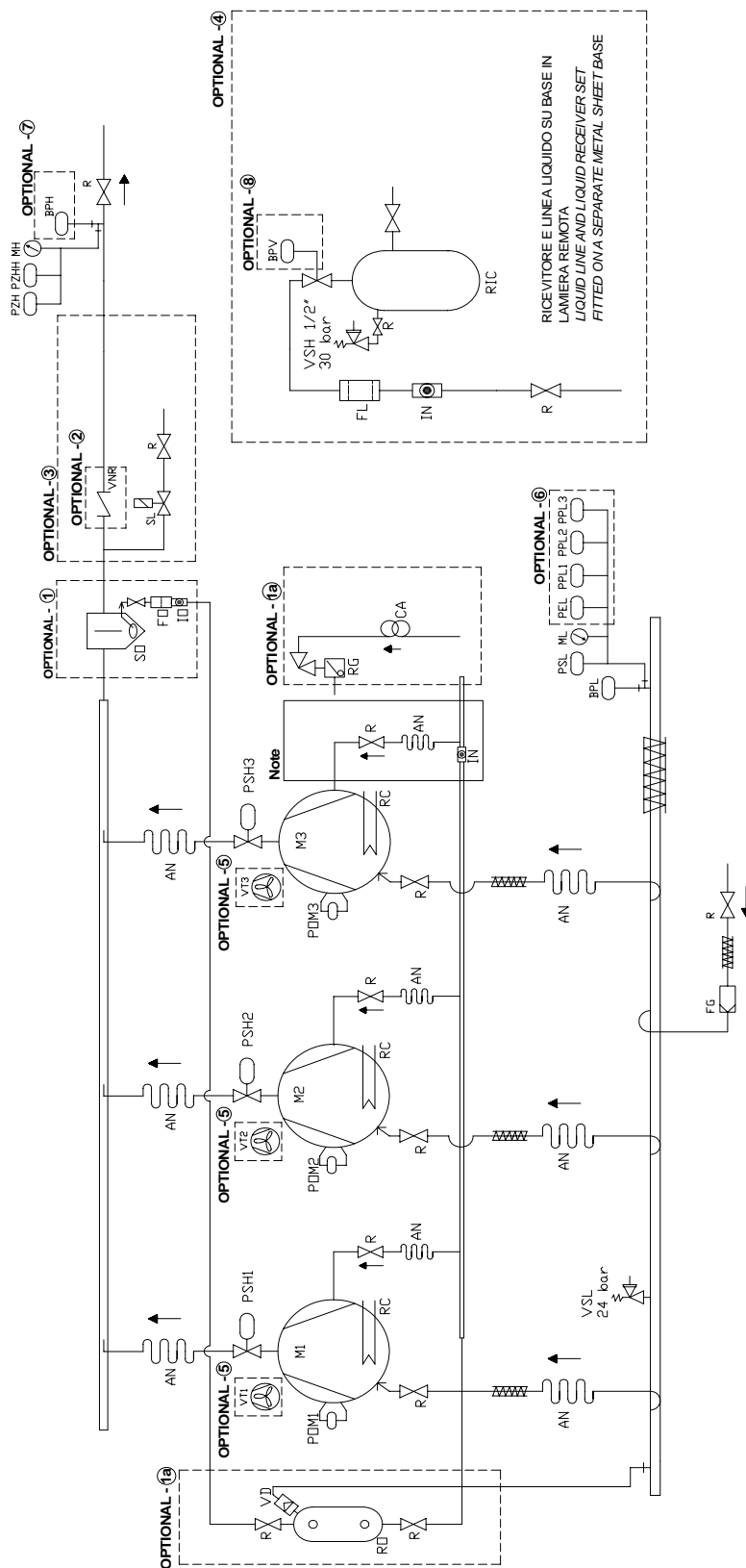


T3BM



T3BL

Schema frigorifero / Refrigerating diagram REF. B



Note : Nel caso venga ordinato l'optional "1a", la linea di equilibrio olio con indicatore non verrà fornita
 In case of "1a" optional is ordered, the line of oil level balance will not be supplied

**T3BM****T3BL****LEGENDA - LEGEND**

REF.	DESCRIZIONE - DESCRIPTION
M1-M2-M3	COMPRESSORE - COMPRESSOR
RC	RESISTENZA CARTER - CRANKCASE HEATHER
POM1-POM2-POM3	PRESSOSTATO DELL'OLIO MECCANICO - OIL MECHANICAL PRESSURE SWITCH
PSH1-PSH2-PSH3	PRESSOSTATO DI SICUREZZA COMPRESSORE (HBP) HBP COMPRESSOR - SAFETY PRESSURE SWITCH
AN	ANTIVIBRANTE - VIBRATION DAMPER
IN	INDICATORE DI LIQUIDO - SIGHT GLASS
R	RUBINETTO - SHUT-OFF VALVE
FG	FILTRO GAS ASPIRATO - SUCTION GAS FILTER
VSL	VALVOLA DI SICUREZZA DI BASSA - LBP PRESSURE RELIEF VALVE
BPL	TRASDUTTORE DI PRESSIONE DI BASSA - LOW PRESSURE TRANSDUCER
BPH	TRASDUTTORE DI PRESSIONE DI ALTA - HIGH PRESSURE TRANSDUCER
PZH	PRESSOSTATO DI SICUREZZA (HBP) GENERALE MANUALE MANUAL GENERAL HBP - SAFETY PRESSURE SWITCH
PZHH	PRESSOSTATO DI SICUREZZA (HBP) GENERALE MANUALE INTERNO INTERNAL MANUAL GENERAL HBP - SAFETY PRESSURE SWITCH
MH	MANOMETRO DI ALTA - HBP PRESSURE GAUGE
ML	MANOMETRO DI BASSA - LBP PRESSURE GAUGE
PSL	PRESSOSTATO DI SICUREZZA (LBP) GENERALE AUTOMATICO AUTOMATIC GENERAL LBP - SAFETY PRESSURE SWITCH
PEL (OPT.)	PRESSOSTATO ALLARME ELETTRONICA DI BASSA PRESSIONE LBP ELECTRONICS ALARM PRESSURE SWITCH
PPL1-PPL2-PPL3 (OPT.)	PRESSOSTATO PARZIALIZZAZIONE DI BASSA PRESSIONE LBP CONTROL PRESSURE SWITCH
SO (OPT.)	SEPARATORE OLIO - OIL SEPARATOR
FO (OPT.)	FILTRO OLIO - OIL FILTER
IO (OPT.)	INDICATORE OLIO - OIL INDICATOR
SL (OPT.)	VALVOLA SOLENOIDE - SOLENOID VALVE
VNR (OPT.)	VALVOLA DI NON RITORNO- CHECK VALVE
RO (OPT.)	RISERVA OLIO - OIL VESSEL
VD (OPT.)	VALVOLA DIFFERENZIALE DI PRESSIONE - DIFFERENTIAL PRESSURE VALVE
VT1 - VT2 - VT3 (OPT.)	VENTOLE PER RAFFREDDAMENTO COMPRESSORE FAN MOTORS FOR COMPRESSOR COOLING
RG (OPT.)	REGOLATORE OLIO - OIL REGULATOR
CA (OPT.)	CAPILLARE - CAPILLARY TUBE
RIC (OPT.)	RICEVITORE DI LIQUIDO - LIQUID RECEIVER
FL (OPT.)	FILTRO DEIDRATATORE - DRIER FILTER
VSH (OPT.)	VALVOLA DI SICUREZZA DI ALTA PRESSIONE - HBP PRESSURE RELIEF VALVE
BPV (OPT.)	VARIATORE VELOCITÀ VENTOLE CONDENSATORE CONDENSER FAN SPEED VARIATOR

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