



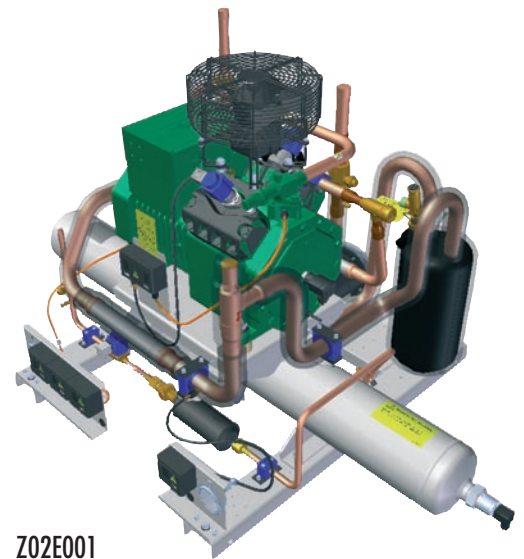
UNITÀ DI POTENZA
con compressore semiermetico Bitzer



COMPRESSOR RECEIVER UNITS
with Bitzer semi-hermetic compressor

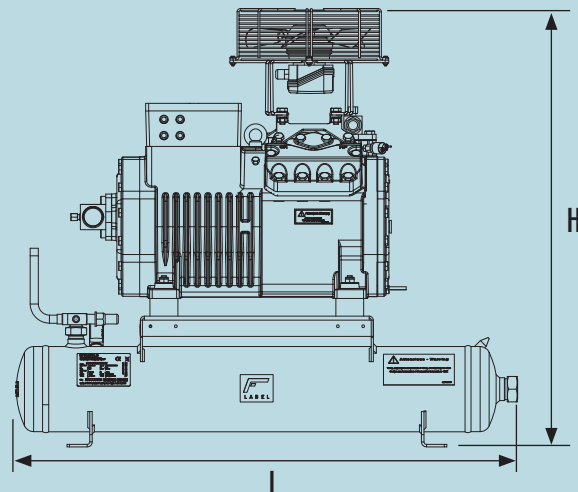
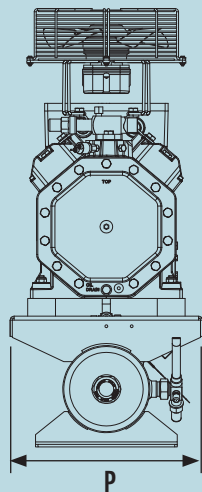


Z02



Z02E001

	MBP	R404A	R407F	R407A	R134a
Campo di esercizio (Te) Operating range (Te)		0°C ÷ -20°C	0°C ÷ -20°C	0°C ÷ -20°C	+5°C ÷ -20°C
Potenza compressore Compressor power		1/2 ÷ 50 HP	1/2 ÷ 50 HP	1/2 ÷ 44 HP	1/2 ÷ 44 HP
Potenza Frigorifera Refrigerating capacity		1720 ÷ 77973 W Tcd 45°C (Te = -10°C)	1907 ÷ 77482 W Tcd 45°C (Te = -10°C)	1778 ÷ 70732 W Tcd 45°C (Te = -10°C)	1010 ÷ 47040 W Tcd 45°C (Te = -10°C)
	LBP	R404A	R407F	R407A	
Campo di esercizio (Te) Operating range (Te)		-20°C ÷ -40°C	-20°C ÷ -40°C	-20°C ÷ -40°C	
Potenza compressore Compressor power		1/2 ÷ 44 HP	1/2 ÷ 50 HP	1/2 ÷ 44 HP	
Potenza Frigorifera Refrigerating capacity		500 ÷ 29726 W Tcd 45°C (Te = -30°C)	533 ÷ 25330 W Tcd 45°C (Te = -30°C)	483 ÷ 23200 W Tcd 45°C (Te = -30°C)	



Configurazione base Basic configuration

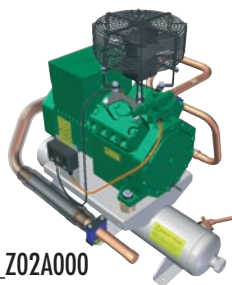


_Z02

Caratteristiche generali General features

- **Compressore semiermetico**
Semi-hermetic compressor
- **Motoventilatore raffreddamento testata (LBP)**
Head cooler fan motor (LBP)
- **Resistenza carter compressore**
Compressor crankcase heater
- **Ricevitore di liquido - Liquid receiver**
- **Piastra di supporto compressore**
Compressor supporting plate
- **Rubinetti rotalock ingresso e uscita del ricevitore**
Rotalock shut-off valve on in let and out let of receiver
- **Valvola di sicurezza**
Safety pressure relief valve
- **Visore di liquido su ricevitore**
Sight glass on receiver
- **Pressostato HP di sicurezza (a riarmo manuale interno solo su modelli con portata volumetrica > 90m³/h)**
HP safety pressure switch (internal manual reset only for models with volumetric flow > 90m³/h)
- **Pressostato di sicurezza (solo su modelli con portata volumetrica > 90m³/h)**
Safety pressure switch (only for models with volumetric flow > 90m³/h)
- **Pressostato differenziale olio elettronico (solo su compressori forniti di pompa per l'olio)**
Electronic oil pressure switch (only for compressor with oil pump)
- **Imballo incluso**
Package included

Configurazione 1° step Configuration 1° step



_Z02A000

Componenti aggiuntivi rispetto a _Z02
Additional components compared to _Z02

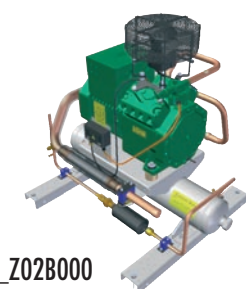
- **Pressostato doppio di sicurezza**
Dual safety pressure switch
- **Antivibranti**
Vibration damper

Optional disponibili Possible options

1° Step
1° Step

- A_ **Ricevitore maggiorato**
Oversized receiver
- B_ **Allarme livello liquido sul ricevitore (dove previsto)**
Liquid level alarm on receiver (when provided)
- C_ **Rubinetto di intercetto valvola di sicurezza (HP)**
Service valve of pressure relief valve (HP)
- D_ **Valvola regolatrice di pressione in aspirazione (dove previsto)**
Crankcase pressure regulator on suction (when provided)
- E_ **Valvola di non ritorno sulla mandata**
Non return valve on discharge line
- F_ **Silenziatore in mandata**
Muffler on discharge line
- G_ **Rubinetto sulla mandata**
Shut-off valve on the discharge line
- H_ **Avviamento a vuoto, VNR inclusa (dove previsto)**
Compressor unloaded start, VNR included (when provided)
- I_ **Motoventilatore raffreddamento testata per modelli MBP**
MBP head cooler fan-motor
- _ **Controllo di capacità, fare specifica richiesta**
Capacity control, make a specific request

Configurazione 2° step Configuration 2° step



_Z02B000

Componenti aggiuntivi rispetto a _Z02A000
Additional components compared to _Z02A000

- **Filtro e indicatore**
Filter and sight glass
- **Rubinetto sulla linea del liquido**
Shut-off valve on the liquid line

Altri optional disponibili Other possible options

2° Step
2° Step

- L_ **Valvola solenoide liquido**
Solenoid valve on liquid line
- M_ **Manometri**
Gauges
- N_ **Valvola di non ritorno sulla linea del condensato**
Non return valve on condensate line
- O_ **Pressostati parzializzazione ventole condensatore**
Pressure switches for condenser fans control
- P_ **Sonda di pressione per regolazione HP (dove previsto)**
Pressure probe for HP regulation (when provided)
- Q_ **Sonda di pressione per regolazione LP (dove previsto)**
Pressure probe for LP regulation (when provided)
- R_ **Regolatore velocità ventole condensatore**
Condenser fan speed variator

Possibilità di richiedere tutti gli optional elencati in precedenza
All options listed before can be requested

Configurazione 3° step Configuration 3° step



_Z02C000

Componenti aggiuntivi rispetto a _Z02B000
Additional components compared to _Z02B000

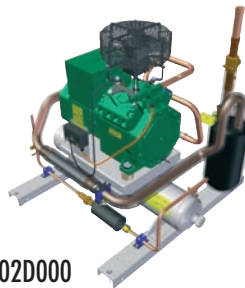
- Separatore d'olio
Oil separator

Altri optional aggiuntivi 3° Step Other additional options 3° Step

- S_ Filtro in aspirazione
Suction line filter
- T_ Rubinetto di intercetto valvola di sicurezza (LP)
Service valve for pressure relief valve (LP)

Possibilità di richiedere tutti gli optional elencati in precedenza
All options listed before can be requested

Configurazione 4° step Configuration 4° step



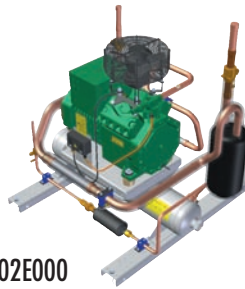
_Z02D000

Componenti aggiuntivi rispetto a _Z02B000
Additional components compared to _Z02B000

- Separatore liquido
Liquid separator

Possibilità di richiedere tutti gli optional elencati in precedenza
All options listed before can be requested

Configurazione 5° step Configuration 5° step



_Z02E000

Componenti aggiuntivi rispetto a _Z02B000
Additional components compared to _Z02B000

- Separatore olio
Oil separator
- Separatore liquido
Liquid separator

Possibilità di richiedere tutti gli optional elencati in precedenza
All options listed before can be requested

Configurazione full optional Full optional configuration



_Z02E001

Componenti aggiuntivi rispetto a _Z02E000
Additional components compared to _Z02E000

- Ricevitore maggiorato
Oversized receiver
- Allarme livello liquido sul ricevitore
Liquid level alarm on receiver
- Rubinetto di intercetto valvola di sicurezza (HP)
Service valve of pressure relief valve (HP)
- Valvola regolatrice di pressione in aspirazione (dove previsto)
Crankcase pressure regulator on suction (when provided)
- Silenziatore in mandata
Muffler on discharge line
- Rubinetto sulla mandata
Shut-off valve on the discharge line
- Avviamento a vuoto, VNR inclusa (dove previsto)
Compressor unloaded start, VNR included (when provided)
- Controllo di capacità
Capacity control
- Valvola solenoide liquido
Solenoid valve on liquid line
- Manometri
Gauges
- Valvola di non ritorno sulla linea del condensato
Non return valve on condensate line
- Pressostati parzializzazione ventole condensatore
Pressure switches for condenser fans control
- Filtro in aspirazione
Suction filter
- Rubinetto di intercetto valvola di sicurezza LP
Service valve pressure relief valve

R404A

Configurazione base

GH_B__02

Basic configuration

R404A Code	Compressor		Total electrical power consumption Tcd=50°C Te=-10°C		Capacity T cond =45°C					Connections				PED Category	Liquid receiver lit	*Dimensions (mm)				Net weight kg
	Model	HP	W	A	T evap.	T evap.	Watt		T evap.	Ø S	Ø D	Ø C	Ø L			L	P	H		
					0°C	-5°C	-10°C	-15°C	-20°C											
GHBM004Z02	2KES-05Y	0,5	920	1,89	2620	2140	1720	1360	1050	16	12	10	10	1	6	668	330	494	58	
GHBM005Z02	2JES-07Y	0,75	1260	2,56	3570	2930	2380	1900	1490	16	12	10	10	1	6	668	330	494	58	
GHBM007Z02	2HES-2Y	1,5	1590	3,32	4586	3784	3083	2474	1946	16	12	10	10	1	6	668	330	494	60	
GHBM008Z02	2GES-2Y	1,5	1900	3,67	5242	4340	3553	2870	2279	16	12	10	10	1	6	668	330	494	60	
GHBM010Z02	2FES-3Y	1,8	2330	4,37	6449	5338	4369	3526	2797	16	12	10	10	1	6	668	330	494	62	
GHBM011Z02	2EES-3Y	3	2620	5,21	8385	6939	5679	4583	3635	22	16	12	12	2	11	878	380	537	91	
GHBM013Z02	2DES-3Y	3	3170	5,93	10015	8305	6813	5516	4393	22	16	12	12	2	11	878	380	537	91	
GHBM016Z02	2CES-4Y	4	3920	7,06	12324	10251	8441	6867	5502	22	16	16	16	2	11	878	380	537	90	
GHBM018Z02	4FES-5Y	5,5	4250	7,87	13438	11111	9099	7370	5893	22	16	16	16	2	11	878	380	579	106	
GHBM023Z02	4EES-6Y	5,5	5350	9,4	16297	13964	11405	9206	7327	28	16	16	16	2	11	878	380	579	106	
GHBM027Z02	4DES-7Y	7,5	6420	11,4	20440	16892	13827	11191	8938	28	22	16	16	2	11	878	380	579	109	
GHBM033Z02	4CES-9Y	9,5	7830	13,42	24838	20480	16717	13485	10726	28	22	16	16	2	11	878	380	579	111	
GHBM035Z02	4VES-10Y	10	7590	13,7	26066	21319	17232	13733	10758	28	22	22	22	2	19	1005	380	643	164	
GHBM041Z02	4TES-12Y	12,5	9410	16,36	31494	25832	20956	16780	13228	35	28	22	22	2	19	1005	380	643	166	
GHBM049Z02	4PES-15Y	15	10530	19,06	36066	29423	23713	18833	14694	42	28	22	22	2	19	1005	380	643	167	
GHBM056Z02	4NES-20Y	20	12720	22,2	42959	35237	28592	22906	18074	42	28	22	22	2	19	1005	380	643	175	
GHBM064Z02	4JE-22Y	22	14130	24,3	47876	39489	32203	25901	20480	42	28	22	22	3	40	1235	456	761	231	
GHBM074Z02	4HE-25Y	25	16820	29,6	56153	46493	38098	30831	24575	54	28	22	22	3	40	1235	456	761	244	
GHBM085Z02	4GE-30Y	30	19420	35	64325	53331	43778	35511	28396	54	28	28	28	3	40	1235	456	761	247	
GHBM102Z02	4FE-35Y	35	24300	42,2	76505	63835	52771	43140	34788	54	28	28	28	3	40	1235	456	761	239	
GHBM111Z02	6HE-35Y	35	25200	44,9	82465	68309	55999	45339	36156	54	35	28	28	3	40	1235	503	756	278	
GHBM127Z02	6GE-40Y	40	29200	53,9	93336	77577	63847	51929	41631	54	35	28	28	3	40	1235	503	756	281	
GHBM152Z02	6FE-50Y	50	35900	73,7	113530	94546	77973	63551	51050	54	42	35	35	3	40	1235	503	756	285	

MBP

Condizioni di calcolo rese e assorbimenti (MBP): temp. gas aspirato +20°C, senza sottoraffreddamento del liquido, surriscaldamento utile 100%

Capacity and absorption calculation conditions (MBP): suction gas temp. +20°C, without liquid subcooling, 100% useful heat

R404A Code	Compressor		Total electrical power consumption Tcd=50°C Te=-20°C		Capacity T cond =45°C					Connections				PED Category	Liquid receiver lit	*Dimensions (mm)				Net weight kg
	Model	HP	W	A	T evap.	T evap.	Watt		T evap.	Ø S	Ø D	Ø C	Ø L			L	P	H		
					-20°C	-25°C	-30°C	-35°C	-40°C											
GHBL004Z02	2KES-05Y	0,5	820	2,18	960	710	500	320	170	16	12	10	10	1	6	668	330	697	61	
GHBL005Z02	2JES-07Y	0,75	1080	2,76	1360	1030	750	510	310	16	12	10	10	1	6	668	330	697	61	
GHBL007Z02	2HES-1Y	1	1320	3,06	1720	1320	970	680	430	16	12	10	10	1	6	668	330	697	62	
GHBL008Z02	2GES-2Y	1,5	1620	3,73	2070	1610	1210	870	590	16	12	10	10	1	6	668	330	697	63	
GHBL010Z02	2FES-2Y	1,5	2020	4,16	2550	1970	1480	1060	710	16	12	10	10	1	6	668	330	697	63	
GHBL011Z02	2EES-2Y	2	2190	4,43	3308	2562	1923	1382	926	22	16	10	10	2	11	878	380	734	92	
GHBL013Z02	2DES-2Y	2	2680	5,2	3999	3113	2355	1712	1169	22	16	10	10	2	11	878	380	734	92	
GHBL016Z02	2CES-3Y	3	3320	6,53	5008	3930	3007	2220	1555	22	16	10	10	2	11	878	380	734	95	
GHBL018Z02	4FES-3Y	3	3640	7,07	5364	4216	3253	2453	1797	22	16	12	12	2	11	878	380	784	107	
GHBL023Z02	4EES-4Y	4	4590	8,26	6813	5349	4119	3095	2255	28	16	12	12	2	11	878	380	784	109	
GHBL027Z02	4DES-5Y	5,5	5410	9,87	8134	6385	4916	3695	2693	28	22	12	12	2	11	878	380	784	111	
GHBL033Z02	4CES-6Y	6	6370	11,73	9762	7623	5829	4342	3124	28	22	12	12	2	11	878	380	784	111	
GHBL041Z02	4TES-9Y	8	7640	13,67	12084	9337	7040	5140	3592	35	28	16	16	2	19	1005	380	833	163	
GHBL049Z02	4PES-12Y	10	8240	15,01	13482	10285	7622	5434	3662	35	28	16	16	2	19	1005	380	833	168	
GHBL056Z02	4NES-14Y	12,5	10180	17,89	16416	12673	9545	6962	4860	35	28	16	16	2	19	1005	380	833	168	
GHBL064Z02	4JE-15Y	15	11820	21,09	19446	15179	11556	8508	5971	42	28	22	22	3	40	1235	456	958	224	
GHBL074Z02	4HE-18Y	18	14150	24,39	22988	18070	13893	10377	7488	42	28	22	22	3	40	1235	456	958	228	
GHBL085Z02	4GE-23Y	23	16840	28,49	26906	21304	16546	12540	9202	54	28	22	22	3	40	1235	456	958	237	
GHBL102Z02	4FE-28Y	28	20120	36,09	32111	25497	19817	14969	10857	54	28	22	22	3	40	1235	456	958	243	
GHBL127Z02	6GE-34Y	34	25620	44,39	40324	32154	25170	19243	14257	54	35	22	22	3	40	1235	503	999	275	
GHBL152Z02	6FE-44Y	44	30420	55,69	48166	38246	29726	22453	16286	54	42	28	28	3	40	1235	503	999	285	

LBP

Condizioni di calcolo rese e assorbimenti (LBP): temp. gas aspirato 0°C, senza sottoraffreddamento del liquido, surriscaldamento utile 100%

Capacity and absorption calculation conditions (LBP): suction gas temp. 0°C, without liquid subcooling, 100% useful heat

* Dimensioni e pesi indicati sono riferiti alla versione base; per i dati delle macchine configurate fare specifica richiesta

Dimensions and weights refer to the base version; for the relevant date of the configured versions make a specific request

R407F

Configurazione base

GH_B__02

Basic configuration

R407F Code	Compressor		Total electrical power consumption T _{cd} =50°C T _e =-10°C		Capacity T _{cond} =45°C					Connections				PED Category	Liquid receiver lt	*Dimensions (mm)			Net weight kg
	Model	HP	W	A	T evap. 0°C	T evap. -5°C	Watt T evap. -10°C	T evap. -15°C	T evap. -20°C	Ø S	Ø D	Ø C	Ø L			L	P	H	
GHBMO04F02	2KES-05Y	0,5	880	1,85	3011	2416	1907	1475	1112	16	12	10	10	1	6	668	330	494	58
GHBMO05F02	2JES-07Y	0,75	1200	2,49	3990	3225	2570	2013	1543	16	12	10	10	1	6	668	330	494	58
GHBMO07F02	2HES-2Y	1,5	1510	3,23	5072	4115	3295	2596	2006	16	12	10	10	1	6	668	330	494	60
GHBMO08F02	2GES-2Y	1,5	1790	3,55	5958	4841	3885	3071	2382	16	12	10	10	1	6	668	330	494	60
GHBMO10F02	2FES-3Y	1,8	2270	4,30	7525	6118	4914	3889	3023	16	12	10	10	1	6	668	330	494	62
GHBMO11F02	2EES-3Y	3	2470	5,03	8639	6978	5557	4349	3329	22	16	10	10	2	11	878	380	537	91
GHBMO13F02	2DES-3Y	3	2980	5,68	10320	8351	6667	5236	4029	22	16	10	10	2	11	878	380	537	91
GHBMO16F02	2CES-4Y	4	3700	6,75	12700	10307	8262	6524	5059	22	16	12	12	2	11	878	380	537	90
GHBMO18F02	4FES-5Y	5,5	4000	7,54	13985	11320	9047	7120	5501	22	16	12	12	2	11	878	380	579	106
GHBMO23F02	4EES-5Y	5,5	5030	8,94	17545	14189	11328	8904	6868	28	16	16	16	2	11	878	380	579	106
GHBMO27F02	4DES-7Y	7,5	5820	10,59	20652	16687	13307	10445	8042	28	22	16	16	2	11	878	380	579	109
GHBMO33F02	4CES-9Y	9,5	7320	12,68	25413	20603	16502	13027	10105	28	22	16	16	2	11	878	380	579	111
GHBMO41F02	4TES-12Y	12,5	8680	15,30	31490	25537	20422	16050	12337	35	28	16	16	2	19	1005	380	643	166
GHBMO49F02	4PES-15Y	15	9700	17,91	36178	29188	23189	18067	13724	42	28	22	22	2	19	1005	380	643	167
GHBMO56F02	4NES-20Y	20	11540	20,06	42889	34731	27726	21742	16665	42	28	22	22	2	19	1005	380	643	175
GHBMO64F02	4JE-22Y	22	13130	21,80	48724	39373	31351	24502	18702	42	28	22	22	3	40	1235	456	761	231
GHBMO74F02	4HE-25Y	25	15720	28,00	57595	46734	37404	29431	22662	54	28	22	22	3	40	1235	456	761	244
GHBMO85F02	4GE-30Y	30	18060	33,00	66508	54029	43309	34147	26368	54	28	22	22	3	40	1235	456	761	247
GHBMO102F02	4FE-35Y	35	21800	38,50	79557	64631	51816	40870	31582	54	28	28	28	3	40	1235	456	761	239
GHBMO111F02	6HE-35Y	35	23500	42,50	86246	69941	55952	44015	33897	54	35	28	28	3	40	1235	503	756	278
GHBMO127F02	6GE-40Y	40	27100	51,10	99575	80840	64768	51055	39433	54	35	28	28	3	40	1235	503	756	281
GHBMO152F02	6FE-50Y	50	32500	69,70	119082	96687	77482	61103	47231	54	42	35	35	3	40	1235	503	756	285

MBP

Condizioni di calcolo rese e assorbimenti (MBP): temp. gas aspirato +20°C, senza sottoraffreddamento del liquido, surriscaldamento utile 100%
Capacity and absorption calculation conditions (MBP): suction gas temp. +20°C, without liquid subcooling, 100% useful heat

R407F Code	Compressor		Total electrical power consumption T _{cd} =50°C T _e =-20°C		Capacity T _{cond} =45°C					Connections				PED Category	Liquid receiver lt	*Dimensions (mm)			Net weight kg
	Model	HP	W	A	T evap. -20°C	T evap. -25°C	Watt T evap. -30°C	T evap. -35°C	T evap. -40°C	Ø S	Ø D	Ø C	Ø L			L	P	H	
GHBLO04F02	2KES-05Y	0,5	710	2,08	1067	774	533	337	181	16	12	6	6	1	6	668	330	697	61
GHBLO05F02	2JES-07Y	0,75	970	2,65	1481	1100	822	555	340	16	12	6	6	1	6	668	330	697	61
GHBLO07F02	2HES-1Y	1	1240	2,97	1926	1448	1052	729	468	16	12	6	6	1	6	668	330	697	62
GHBLO08F02	2GES-2Y	1,5	1450	3,57	2287	1729	1267	889	585	16	12	6	6	1	6	668	330	697	63
GHBLO10F02	2FES-2Y	1,5	1830	3,99	2902	2200	1620	1145	763	16	12	6	6	1	6	668	330	697	63
GHBLO13F02	2DES-2Y	2	2400	4,84	3868	2893	2088	1433	909	22	16	10	10	2	11	878	380	734	92
GHBLO16F02	2CES-3Y	3	2980	6,08	4857	3674	2698	1903	1266	22	16	10	10	2	11	878	380	734	95
GHBLO18F02	4FES-3Y	3	3220	6,52	5281	3977	2905	2037	1345	22	16	10	10	2	11	878	380	784	107
GHBLO23F02	4EES-4Y	4	3980	7,37	6594	4955	3610	2520	1653	28	16	10	10	2	11	878	380	784	109
GHBLO27F02	4DES-5Y	5,5	4590	8,72	7721	5789	4204	2923	1904	28	22	10	10	2	11	878	380	784	111
GHBLO33F02	4CES-6Y	6	5730	10,87	9702	7350	5417	3850	2601	28	22	10	10	2	11	878	380	784	111
GHBLO41F02	4TES-9Y	8	6820	12,42	11845	8820	6012	4001	2435	35	28	12	12	2	19	1005	380	833	163
GHBLO49F02	4PES-12Y	10	7320	13,7	13177	9649	6516	4251	2508	35	28	12	12	2	19	1005	380	833	168
GHBLO56F02	4NES-14Y	12,5	9040	16,21	16062	11924	8151	5432	3310	35	28	12	12	2	19	1005	380	833	168
GHBLO64F02	4JE-15Y	15	10380	19,14	18623	13882	9852	6630	4078	42	28	16	16	3	40	1235	456	985	224
GHBLO74F02	4HE-18Y	18	12620	22,19	22412	16882	11842	8076	5080	42	28	16	16	3	40	1235	456	985	228
GHBLO85F02	4GE-23Y	23	15090	25,79	26469	20088	14103	9748	6267	54	28	16	16	3	40	1235	456	985	237
GHBLO102F02	4FE-28Y	28	17710	32,69	31557	23944	16887	11643	7401	54	28	16	16	3	40	1235	456	985	243
GHBLO127F02	6GE-34Y	34	21920	38,89	38837	29346	21477	14977	9704	54	35	22	22	3	40	1235	503	999	275
GHBLO152F02	6FE-44Y	44	26720	50,69	47175	35825	25330	17464	11101	54	42	22	22	3	40	1235	503	999	285

LBP

Condizioni di calcolo rese e assorbimenti (LBP): temp. gas aspirato 0°C, senza sottoraffreddamento del liquido, surriscaldamento utile 100%
Capacity and absorption calculation conditions (LBP): suction gas temp. 0°C, without liquid subcooling, 100% useful heat

* Dimensioni e pesi indicati sono riferiti alla versione base; per i dati delle macchine configurate fare specifica richiesta
Dimensions and weights refer to the base version; for the relevant date of the configured versions make a specific request

R407A

Configurazione base

GH_B__02

Basic configuration

R407A Code	Compressor		Total electrical power consumption T _{cd} =50°C T _e =-10°C		Capacity T cond =45°C					Connections				PED Category	Liquid receiver lit	*Dimensions (mm)				Net weight kg
	Model	HP	W	A	T evap.	T evap.	Watt		T evap.	Ø S	Ø D	Ø C	Ø L			L	P	H		
					0°C	-5°C	-10°C	-15°C	-20°C											
GHBM004A02	2KES-05Y	0,5	820	1,79	2816	2256	1778	1373	1032	16	12	10	10	1	6	668	330	494	58	
GHBM005A02	2JES-07Y	0,75	1130	2,41	3739	3017	2401	1877	1436	16	12	10	10	1	6	668	330	494	58	
GHBM007A02	2HES-2Y	1,5	1420	3,14	4756	3853	3080	2424	1869	16	12	10	10	1	6	668	330	494	60	
GHBM008A02	2GES-2Y	1,5	1680	3,42	5587	4534	3634	2868	2222	16	12	10	10	1	6	668	330	494	60	
GHBM010A02	2FES-3Y	1,8	2130	4,13	7057	5731	4598	3634	2821	16	12	10	10	1	6	668	330	494	62	
GHBM011A02	2EES-3Y	3	2320	4,85	8100	6526	5183	4045	3087	22	16	10	10	2	11	878	380	537	91	
GHBM013A02	2DES-3Y	3	2800	5,45	9674	7812	6224	4877	3744	22	16	10	10	2	11	878	380	537	91	
GHBM016A02	2CES-4Y	4	3470	6,45	11905	9647	7721	6088	4713	22	16	12	12	2	11	878	380	537	90	
GHBM018A02	4FES-5Y	5,5	3760	7,25	13102	10595	8459	6650	5130	22	16	12	12	2	11	878	380	579	106	
GHBM023A02	4EES-6Y	5,5	4720	8,51	16435	13278	10589	8313	6402	28	16	16	16	2	11	878	380	579	106	
GHBM027A02	4DES-7Y	7,5	5470	10,13	19343	15612	12435	9749	7494	28	22	16	16	2	11	878	380	579	109	
GHBM033A02	4CES-9Y	9,5	6870	12,04	23814	19289	15434	12171	9429	28	22	16	16	2	11	878	380	579	111	
GHBM041A02	4TES-12Y	12,5	8210	14,64	30135	24359	19430	15248	11726	35	28	16	16	2	19	1005	380	643	166	
GHBM049A02	4PES-15Y	15	9170	17,21	34461	27705	21945	17065	12961	42	28	22	22	2	19	1005	380	643	167	
GHBM056A02	4NES-20Y	20	10920	19,71	40683	32824	26121	20439	15660	42	28	22	22	2	19	1005	380	643	175	
GHBM064A02	4JE-22Y	22	12200	21,50	44988	36279	28810	22436	17033	42	28	22	22	3	40	1235	456	761	231	
GHBM074A02	4HE-25Y	25	14180	25,90	52003	41929	33290	25919	19672	54	28	22	22	3	40	1235	456	761	244	
GHBM085A02	4GE-30Y	30	16640	31,10	61111	49536	39600	31114	23912	54	28	22	22	3	40	1235	456	761	247	
GHBM095A02	6JE-33Y	33	18290	35,30	72758	58979	47155	37057	28488	54	35	28	28	3	40	1235	456	761	274	
GHBM102A02	4FE-35Y	35	20100	36,00	67495	54429	43225	33666	25564	54	28	28	28	3	40	1235	456	761	239	
GHBM111A02	6HE-35Y	35	21800	40,10	79601	64447	51442	40338	30916	54	35	28	28	3	40	1235	503	756	278	
GHBM127A02	6GE-40Y	40	25300	48,70	91656	74295	59393	46666	35863	54	35	28	28	3	40	1235	503	756	281	
GHBM152A02	6FE-50Y	50	31100	68,00	109137	88469	70732	55586	42732	54	42	35	35	3	40	1235	503	756	285	

MBP

Condizioni di calcolo rese e assorbimenti (MBP): temp. gas aspirato +20°C, senza sottoraffreddamento del liquido, surriscaldamento utile 100%

Capacity and absorption calculation conditions (MBP): suction gas temp. +20°C, without liquid subcooling, 100% useful heat

R407A Code	Compressor		Total electrical power consumption T _{cd} =50°C T _e =-20°C		Capacity T cond =45°C					Connections				PED Category	Liquid receiver lit	*Dimensions (mm)				Net weight kg
	Model	HP	W	A	T evap.	T evap.	Watt		T evap.	Ø S	Ø D	Ø C	Ø L			L	P	H		
					-20°C	-25°C	-30°C	-35°C	-40°C											
GHBL004A02	2KES-05Y	0,5	670	2,04	978	707	483	302	157	16	12	6	6	1	6	668	330	697	61	
GHBL005A02	2JES-07Y	0,75	920	2,60	1362	1009	718	481	291	16	12	6	6	1	6	668	330	697	61	
GHBL007A02	2HES-1Y	1	1160	2,89	1773	1330	964	666	426	16	12	6	6	1	6	668	330	697	62	
GHBL008A02	2GES-2Y	1,5	1370	3,48	2108	1591	1164	815	534	16	12	6	6	1	6	668	330	697	63	
GHBL010A02	2FES-2Y	1,5	1720	3,86	2676	2026	1488	1050	698	16	12	6	6	1	6	668	330	697	63	
GHBL013A02	2DES-2Y	2	2250	4,65	3551	2650	1908	1306	826	22	16	10	10	2	11	878	380	734	92	
GHBL016A02	2CES-3Y	3	2800	5,85	4471	3376	2475	1743	1157	22	16	10	10	2	11	878	380	734	95	
GHBL018A02	4FES-3Y	3	3120	6,39	4993	3780	2782	1972	1326	22	16	10	10	2	11	878	380	784	107	
GHBL023A02	4EES-4Y	4	3730	7,01	6073	4555	3310	2302	1500	28	16	10	10	2	11	878	380	784	109	
GHBL027A02	4DES-5Y	5,5	4300	8,34	7109	5319	3853	2668	1726	28	22	10	10	2	11	878	380	784	111	
GHBL033A02	4CES-6Y	6	5390	10,42	8945	6766	4977	3527	2372	28	22	10	10	2	11	878	380	784	111	
GHBL041A02	4TES-9Y	8	6440	11,86	11123	8317	5522	3670	2231	35	28	12	12	2	19	1005	380	833	163	
GHBL049A02	4PES-12Y	10	6900	13,11	12295	9033	5985	3901	2298	35	28	12	12	2	19	1005	380	833	168	
GHBL056A02	4NES-14Y	12,5	8530	15,48	14924	11115	7486	4983	3033	35	28	12	12	2	19	1005	380	833	168	
GHBL064A02	4JE-15Y	15	9550	18,08	16778	12416	9047	6081	3736	42	28	16	16	3	40	1235	456	985	224	
GHBL074A02	4HE-18Y	18	11620	20,79	20174	15096	10874	7407	4564	42	28	16	16	3	40	1235	456	985	228	
GHBL085A02	4GE-23Y	23	14310	24,69	24190	18357	12949	8940	5741	54	28	16	16	3	40	1235	456	985	237	
GHBL102A02	4FE-28Y	28	16350	30,79	28180	21238	15504	10678	6780	54	28	16	16	3	40	1235	456	985	243	
GHBL127A02	6GE-34Y	34	20220	36,29	34917	26190	19718	13735	8889	54	35	22	22	3	40	1235	503	999	275	
GHBL152A02	6FE-44Y	44	24720	48,19	42300	31900	23200	16020	10170	54	42	22	22	3	40	1235	503	999	285	

LBP

Condizioni di calcolo rese e assorbimenti (LBP): temp. gas aspirato 0°C, senza sottoraffreddamento del liquido, surriscaldamento utile 100%

Capacity and absorption calculation conditions (LBP): suction gas temp. 0°C, without liquid subcooling, 100% useful heat

* Dimensioni e pesi indicati sono riferiti alla versione base; per i dati delle macchine configurate fare specifica richiesta
Dimensions and weights refer to the base version; for the relevant date of the configured versions make a specific request

R134a

Configurazione base

GH_B__ _02

Basic configuration

R134a Code	Compressor		Total electrical power consumption T _{cd} =50°C T _e =-10°C		Capacity T _{cond} =45°C						Connections				PED Category	Liquid receiver lit	*Dimensions (mm)			Net weight kg
	Model	HP	W	A	Watt						Ø S	Ø D	Ø C	Ø L			L	P	H	
					T evap. +5°C	T evap. 0°C	T evap. -5°C	T evap. -10°C	T evap. -15°C	T evap. -20°C										
GHBM004Y02	2KES-05Y	0,5	550	1,53	2105	1683	1321	1010	746	522	16	12	6	6	1	6	668	330	697	58
GHBM005Y02	2JES-07Y	0,75	720	2,02	2691	2152	1689	1292	954	668	16	12	6	6	1	6	668	330	697	58
GHBM007Y02	2HES-1Y	1	910	2,24	3577	2899	2316	1819	1397	1040	16	12	10	10	1	6	668	330	697	59
GHBM008Y02	2GES-2Y	1,5	1060	2,79	4180	3404	2736	2164	1676	1261	16	12	10	10	1	6	668	330	697	60
GHBM010Y02	2FES-2Y	1,5	1250	2,97	5223	4243	3402	2683	2072	1555	16	12	10	10	1	6	668	330	697	60
GHBM011Y02	2EES-2Y	2	1440	3,11	6554	5297	4223	3309	2538	1892	22	16	10	10	2	11	878	380	734	88
GHBM013Y02	2DES-2Y	2	1750	3,64	7820	6333	5062	3981	3067	2300	22	16	10	10	2	11	878	380	734	88
GHBM016Y02	2CES-3Y	3	2170	4,67	9610	7807	6264	4951	3840	2907	22	16	10	10	2	11	878	380	734	90
GHBM023Y02	4EES-4Y	4	2910	5,49	13053	10619	8541	6778	5291	4049	28	16	12	12	2	11	878	380	784	104
GHBM027Y02	4DES-5Y	5,5	3350	6,74	15524	12513	9964	7820	6031	4555	28	22	12	12	2	11	878	380	784	106
GHBM033Y02	4CES-6Y	6	4160	8,53	19073	15425	12334	9733	7560	5762	28	22	12	12	2	11	878	380	784	106
GHBM041Y02	4TES-9Y	8	5000	9,43	24517	19796	15760	12326	9424	6991	35	28	16	16	2	19	1005	380	833	159
GHBM049Y02	4PES-12Y	10	5500	10,83	28141	22593	17860	13845	10463	7640	35	28	16	16	2	19	1005	380	833	164
GHBM056Y02	4NES-14Y	12,5	6620	12,47	33135	26707	21214	16546	12606	9306	35	28	16	16	2	19	1005	380	833	164
GHBM064Y02	4JE-15Y	15	7930	16,01	37369	30408	24430	19318	14970	11293	42	28	22	22	2	40	1235	456	985	219
GHBM074Y02	4HE-18Y	18	9340	17,68	44090	35934	28950	22999	17959	13722	42	28	22	22	2	40	1235	456	985	223
GHBM085Y02	4GE-23Y	23	10520	19,19	49813	40485	32506	25717	19978	15163	54	28	22	22	2	40	1235	456	985	232
GHBM095Y02	6JE-25Y	25	11450	24,50	55339	44803	35817	28197	21781	16425	54	35	22	22	2	40	1235	503	999	259
GHBM102Y02	4FE-28Y	28	13200	26,60	60708	49549	40032	31961	25162	19483	54	28	22	22	2	40	1235	985	985	259
GHBM111Y02	6HE-28Y	28	13720	27,20	65181	52940	42494	33631	26162	19920	54	35	22	22	2	40	1235	503	999	297
GHBM127Y02	6GE-34Y	34	16050	30,30	74482	60654	48851	38831	30382	23317	54	35	22	22	2	40	1235	503	999	271
GHBM152Y02	6FE-44Y	44	19690	41,70	89708	73165	59038	47040	36919	28448	54	42	28	28	2	40	1235	503	999	278

MBP

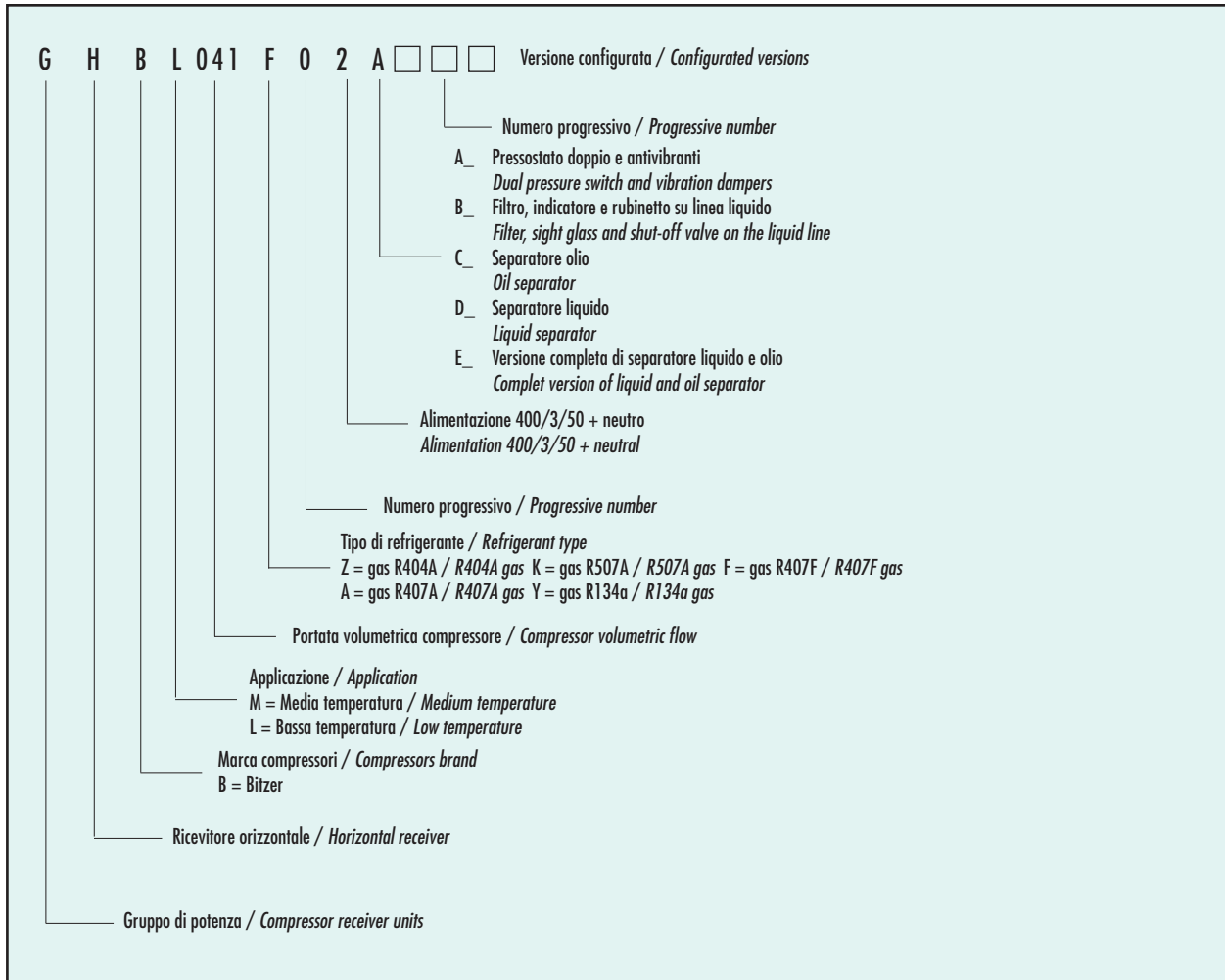
Condizioni di calcolo rese e assorbimenti (MBP): temp. gas aspirato +20°C, senza sottoraffreddamento del liquido, surriscaldamento utile 100%
Capacity and absorption calculation conditions (MBP): suction gas temp. +20°C, without liquid subcooling, 100% useful heat

* Dimensioni e pesi indicati sono riferiti alla versione base; per i dati delle macchine configurate fare specifica richiesta
Dimensions and weights refer to the base version; for the relevant date of the configured versions make a specific request

Standard liquid receiver	R404A R407F /R407A	R134a	A_ Oversized liquid receiver	R404A R407F /R407A	R134a
6 litres	Ped 1	Ped 1	11 litres	Ped 2	Ped 2
11 litres	Ped 2	Ped 2	16 litres	Ped 2	Ped 2
19 litres	Ped 2	Ped 2	30 litres	Ped 2	Ped 2
40 litres	Ped 3	Ped 2	60 litres	Ped 3	Ped 3



MODEL DESIGNATION



Per ulteriori informazioni, contattare il nostro ufficio tecnico / *For further information, please contact our technical dept*

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