GR-EFV45,El Araby Toshiba

Category: Refrigeration
written by www.mbsm.pro | 28 December 2025

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The Toshiba 3-door 16 cu.ft no-frost silver refrigerator from El Araby is built for households that need generous storage and dependable cooling without complicated controls. With about 351 liters of net capacity, vapor no-frost technology and a dedicated middle fresh zone, it keeps frozen, fresh and ready-to-cook foods neatly organized.

Bitzer 4J-13.2Y-40P semi-hermetic

Category: Refrigeration
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The Bitzer 4J-13.2Y-40P is a semi-hermetic reciprocating compressor designed for demanding commercial refrigeration applications. Its nameplate provides critical information for installers, including voltage ranges of 380–420 V at 50 Hz and 440–480 V at 60 Hz, running current, starting current, displacement flow and maximum permissible shell pressures.

Carrier Pro-Dialog+

Category: Equipment
written by www.mbsm.pro | 28 December 2025

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Carrier Pro-Dialog+ Tripout shutdown alarm, access denied message and troubleshooting steps by Mbsmgroup

Copeland QR15M1-TFD-501 compressor

Category: Refrigeration
written by www.mbsm.pro | 28 December 2025

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Copeland QR15M1-TFD-501 low-sound R22 hermetic compressor technical specifications and applications

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Unionaire Super Tech / UFN-230 No-Frost upright freezer

Category: Refrigeration
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The Unionaire Super Tech 6-drawer upright deep freezer brings together a black glass door, inverter compressor, and steam No-Frost system to deliver efficient freezing in a stylish form. With around 230 liters of capacity, white internal drawers, and a responsive digital touch display, it suits modern homes, mini-markets, and premium kitchen projects.

White Whale WR-5395 HBX, 540L

Category: Refrigeration
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The White Whale 540-liter black refrigerator is a large-capacity top-mount model designed for families who need generous storage and efficient cooling in a stylish body. It combines No Frost technology, inverter motor, digital display, and an integrated water dispenser, making it an attractive choice for modern kitchens that prioritise performance and design.

Ariston AB 636 T EX

Category: Equipment
written by www.mbsm.pro | 28 December 2025

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Ariston AB 636 T EX washing machine rating plate identification and technical specifications for repair technicians

Copeland ZB50KCE Scroll Compressor

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copeland zb50kce scroll compressor 7 hp 11.9 kw polyester oil nameplate data Mbsmgroup mbsmpro.com

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ZMC GL80AF R134a Hermetic Compressor

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LBP															
R134a 60 Hz				CECOMAF (W)					ASHRAE		R134a 60 Hz				
				-35	-30	-25		-10	-23.3						
						W	COP		kcal/h	COP					
200-220/220-230V 50/60Hz ~1															
GD30AG	1/12	S	3.08	25	39	57	0.67	130	68	0.88	C	200	5.8	RSIR	P
GD40AF	1/10	S	4.03	35	54	77	0.70	171	91	0.91	C	200	6.8	RSIR	P
GL99BL	1/4	OC	9.93	102	148	204	0.93	434	239	1.21	C	470	11.3	RSCR	P
GL45AF	1/8	S	4.55	41	64	94	0.76	214	111	0.99	C	270	9.0	RSIR	P
GL60AF	1/6	S	5.99	66	94	131	0.81	286	154	1.05	C	270	9.1	RSIR	P
GL70AF	1/5	S	6.65	80	110	150	0.90	323	175	1.17	C	345	10.1	RSIR	P
GL70ANa	1/5	S	6.65	80	110	150	0.90	323	175	1.17	C	345	10.1	RSIR	P
GL70ANb	1/5	OC	6.65	80	110	150	0.90	323	175	1.17	C	445	10.4	RSIR	P
GL80AF	1/5	S	8.10	87	123	172	0.92	384	202	1.19	C	445	10.6	RSIR	P
GL80ANa	1/5	S	8.10	87	123	172	0.92	384	202	1.19	C	445	10.6	RSIR	P
GL80ANb	1/5	OC	8.10	87	123	172	0.92	384	202	1.19	C	445	10.7	RSIR	P
GL90AF	1/4	S	9.08	96	134	185	0.93	421	218	1.20	C	445	10.8	RSIR	P
GL90ANa	1/4	S	9.08	96	134	185	0.93	421	218	1.20	C	445	10.8	RSIR	P
GL90ANb	1/4	OC	9.08	96	134	185	0.93	420	218	1.20	C	445	10.9	RSIR	P
115V 60Hz ~1															
GD24AD	1/20	S	2.42	14	25	40	0.52	99	48	0.70	C	200	5.1	RSIR	P
GD36AD	1/12	S	3.62	30	47	68	0.65	149	80	0.85	C	240	6.1	RSIR	P
GL45ADa	1/8	S	4.55	41	65	95	0.80	214	112	1.05	C	265	8.1	RSIR	P
GL45ADb	1/8	S	4.55	41	65	95	0.80	214	112	1.05	C-V	265	8.1	CSIR	R
GL60ADa	1/6	S	5.99	64	94	132	0.85	290	155	1.10	C	265	9.1	RSIR	P
GL60ADb	1/6	S	5.99	64	94	132	0.85	290	155	1.10	C	210	9.1	CSIR	R
GL60BK	1/6	OC	5.99	66	95	132	0.84	290	155	1.10	C	400	10.0	RSCR	P
GL70ADa	1/5	S	6.65	79	108	148	0.86	322	173	1.12	C	345	9.6	RSIR	P
GL70ADb	1/5	S	6.65	79	108	148	0.86	322	173	1.12	C	345	9.6	CSIR	R
GL80ADa	1/5	S	8.10	84	121	171	0.87	383	201	1.13	C	345	9.8	RSIR	P
GL80ADb	1/5	S	8.10	84	122	171	0.87	384	201	1.13	C-V	345	9.8	CSIR	R
GL80BK	1/5	OC	8.10	79	119	169	0.85	381	200	1.11	C	470	11.1	RSCR	P
GL90ADa	1/4	S	9.08	97	138	191	0.88	420	224	1.14	C	445	10.5	RSIR	P
GL90ADb	1/4	S	9.08	97	138	191	0.88	420	224	1.14	C	445	10.5	CSIR	R

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ZMC GL80AF R134a 1/5 HP hermetic refrigerator compressor technical data and applications Mbsmgroup Mbsm.pro mbsmpro.com mbsm.

Refrigerants, Standing, Suction and Discharge Pressures for Modern HVAC Systems

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List of some Common Refrigerants

Standing, Suction, Discharge Pressure & Boiling Temperature

Refrigerant Name	Cylinder Colour Code	Standing Pressure	Suction Pressure	Discharge Pressure	Boiling Point Temp.	Replacement For
R22		150-155 psi	60-70 psi	250-300 psi	-40.8°C	R11
		1034.2-1068.6 kPa	413.7-482.6 kPa	1723.6-2068.4 kPa		
R134A		80-95 psi	12-15 psi	150 psi	-26.2°C	R12
		551.5-655 kPa	82.7-103.4 kPa	1034.2 kPa		
R600A		40-50 psi	Below 0-1 psi	150 psi	-11.7°C	
		275.8-344.7 kPa	Below 0-6.8 kPa	1034.2 kPa		
R32		240-245 psi	110-115 psi	175-375 psi	-52.0°C	
		1654.7-1689.2 kPa	758.4-792.9 kPa	1206.6-2585.5 kPa		
R290		125-130 psi	65-70 psi	275-300 psi	-42.1°C	
		861.8-896.3 kPa	448.2-482.6 kPa	1896-2068.4 kPa		
R407C		180-185 psi	75-80 psi	275-300 psi	-45.0°C	R22
		1241-1275.5 kPa	517.1-551.6 kPa	1896-2068.4 kPa		
R404A		180-185 psi	80-90 psi	275-300 psi	-46.2°C	R502
		1241-1275.5 kPa	551.6-620.5 kPa	1896-2068.4 kPa		
R410a		225-230 psi	120-130 psi	450-500 psi	-51.4°C	R22
		1551.3-1585.8 kPa	827.4-896.3 kPa	3102.6-3447.4 kPa		
R417		140 psi	65 psi	261 psi	-39.0°C	R22
		965.3 kPa	488.2k Pa	1799.5 kPa		

1Bar = 100kPa or 14.5 psi

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Explore a practical refrigerant pressure chart with typical standing, suction and discharge pressures plus boiling points for R22, R134a, R32, R404A, R407C, R410A, R290, R600a and R417A.