CATALOGUE

Small L & B Ranges

for Commercial Refrigeration
R134a · R600a · R290

cubigel® compressors by HUAYI COMPRESSOR BARCELONA

The company

Huayi Group has a global presence; headquarters in China and subsidiaries in Europe.

Huayi Compressor Barcelona, S.L., located in Spain, is one of the subsidiaries of Huayi Group, with the aim of producing hermetic compressors and cooling equipment for the Commercial Refrigeration market. The company belongs to Huayi Compressors Co. Ltd., located in Jingdezhen, China, which is a worldwide leader of household compressor manufacturing.

Oriented to develop quality product, with more than 100 million compressors produced under Cubigel Compressors® brand, the company mission has remained the same during its 54 years of experience developing compressors and satisfying the refrigeration market trends of Commercial Refrigeration.

The compressors are designed to optimize energy consumption to reduce the effects of Global Warming, which are the goals of innovative R&D, focused on developing a wide range of products suitable for the market requirements.

Small L and B Ranges

More compact · Wider range of products · More efficient

The aim of the Small L and B Ranges of Cubigel Compressors® is to replace the D range products in the small commercial appliances such as water coolers and small freezers, due to its compactness and efficiency.

The advanced design of the Small L and B Ranges offers to the market the best option with a wide range of products to minimize energy consumption. The compact size of these ranges makes them suitable for any type of small applications.

Small L range

Features:
More compact, more efficient
Range:
2.2 – 3.1cc
Refrigerants:
R134a, R600a
Applications:
Small refrigerators and freezers

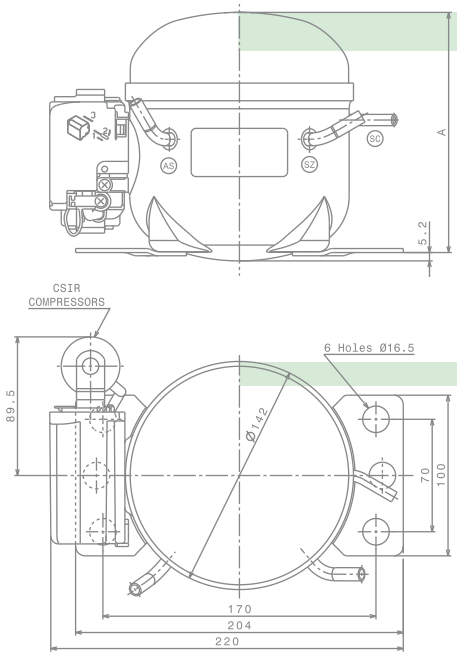
B range

Features:
More displacement, more efficient, compactness
Range:
2.2 – 6.5cc
Refrigerants:
R134a, R600a, R290
Applications:
Water coolers, can / bottle coolers, small refrigerator and freezers

Dimensions and comparison

Dimensional drawings

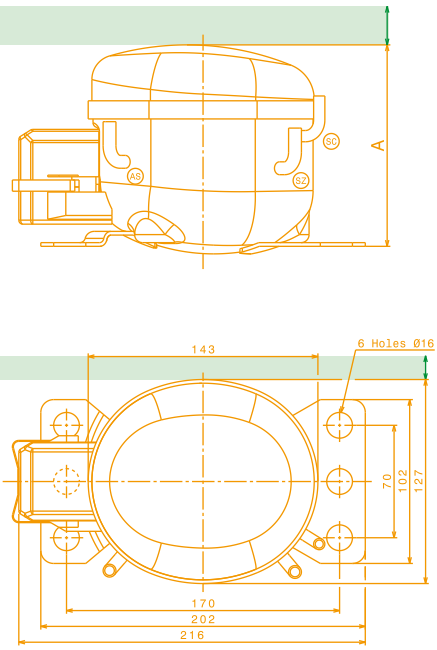
D Ranges



	Designation	Internal diam.
Db	Suction/Service	6.5
Dc	Discharge	4.9
Dd	Service/Suction	6.5

	A (mm)
Db	149.5
Dc	157.5
Dd	162.5

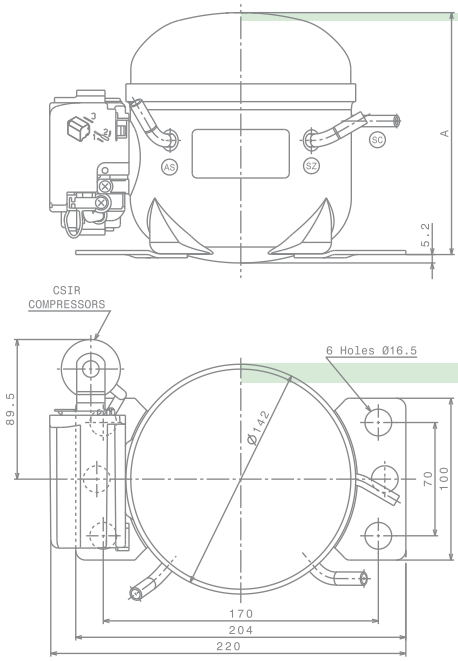
Small L Ranges



	Designation	Internal diam.
AS	Suction	6.2
SC	Discharge	4.9
SZ	Service	6.2

	A (mm)
Lb	125.5
Lc	129
Ld	138
Le	141

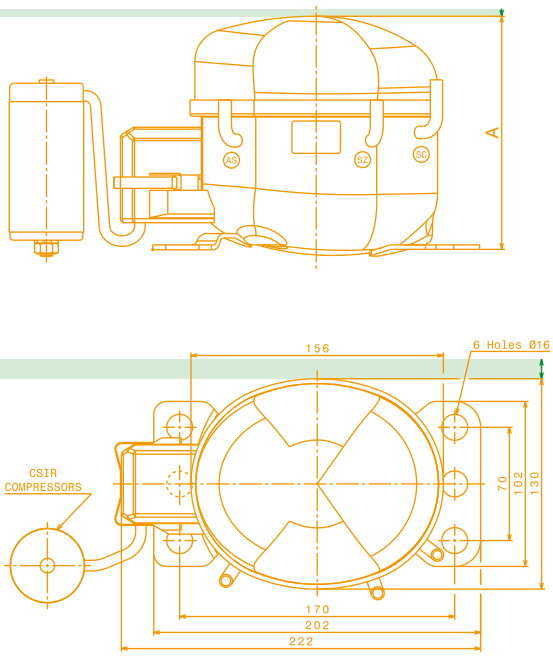
D Range



	Designation	Internal diam.
Db	Suction/Service	6.5
Dc	Discharge	4.9
Dd	Service/Suction	6.5

	A (mm)
Db	149.5
Dc	157.5
Dd	162.5

B Range

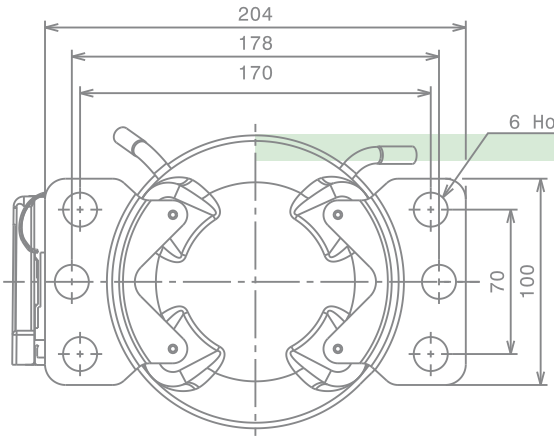


	Designation	Internal diam.
AS	Suction	6.2
SC	Discharge	4.9
SZ	Service	6.2

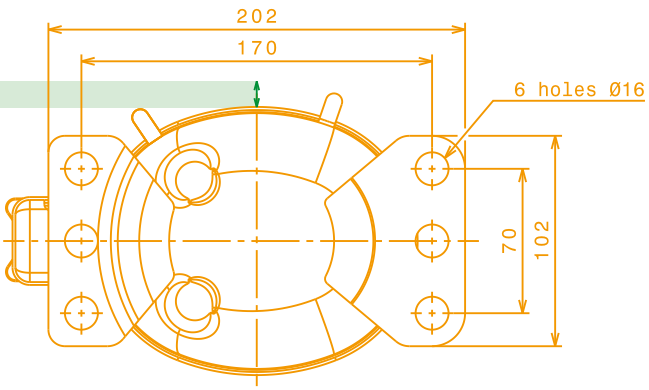
	A (mm)
Bb	141
Bc	145
Bd	153
Be	159

Mounting feet

D Range

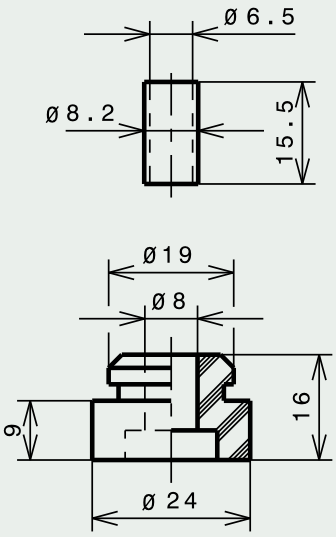


Small L / B Ranges

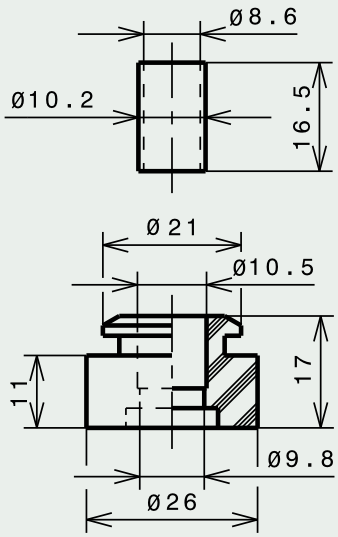


Silent blocks

D Range



Small L / B Ranges



Nomenclature

B	35	C	5	B

Range:
L --> Small L range
B --> B range

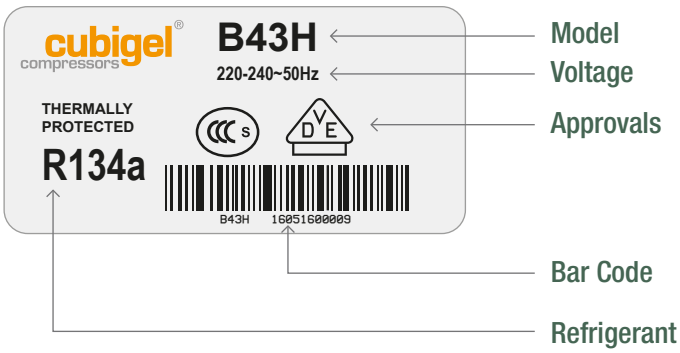
Displacement x10:
22 - 2.2cc
25 - 2.5cc
30 - 30cc

Refrigerant & application:
H = R134a LBP **M** = R600a HBP
G = R134a HBP **U** = R290 LBP
C = R600a LBP **N** = R290 HBP

Voltage & Frequency:
Blank = 220-240V 50Hz and 220-240V 60 Hz
0 = 100V 50/60Hz
5 = 115V 60Hz
7 = 127V 60Hz

Efficiency level:
Blank = Standard Efficiency
B = High Efficiency
A = Very High Efficiency
S = Top efficiency

Labeling



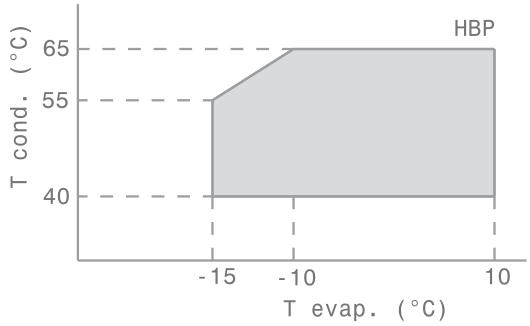
Approvals

Approvals

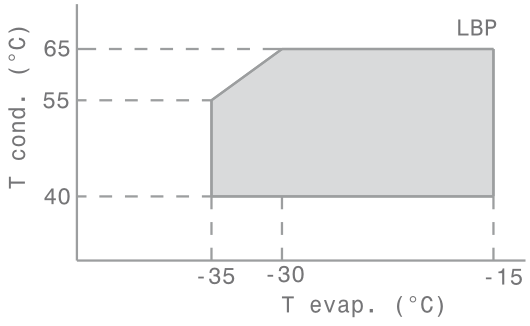
Directive compliance declarations

SOA

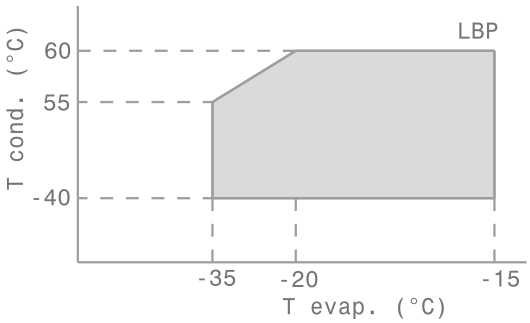
SOA R134a HBP Small L and B Ranges



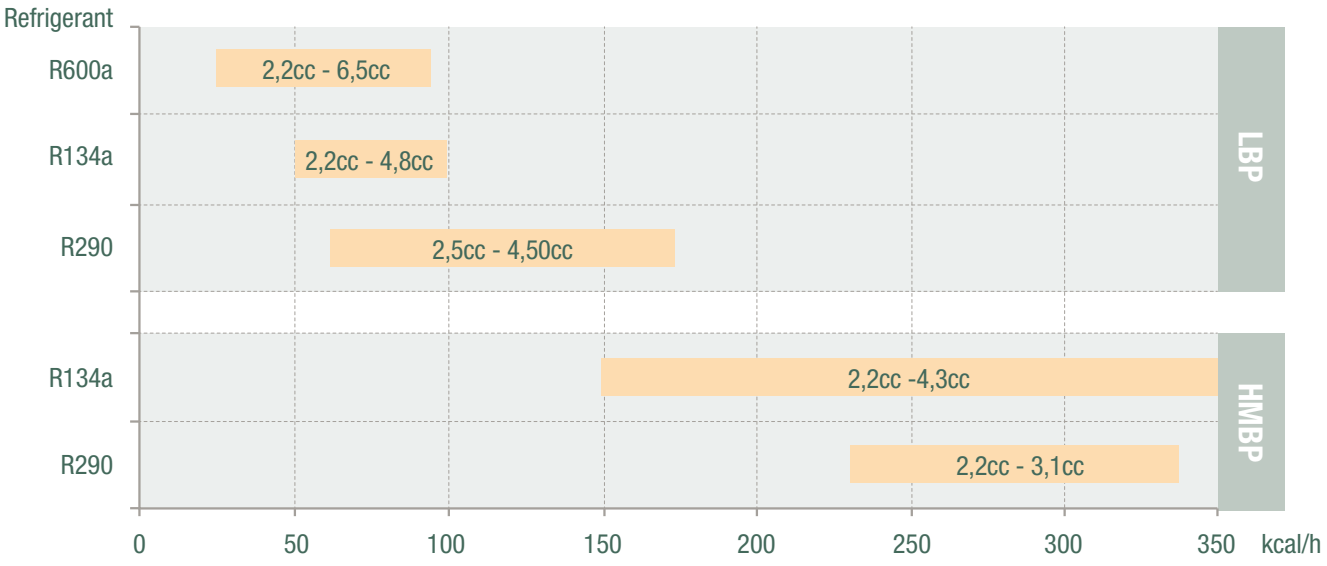
SOA R134a LBP Small L and B Ranges



SOA R600a LBP Small L and B Ranges



Small L and B Ranges Summary



Catalogue Tables

R134a LBP • 50 Hz

MODEL	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C							WEIGHT Kg	DESIGN
									Cecomaf (W)					Ashrae			
									-35	-30	-25 W	-25 COP	-10	-23.3 kcal/h	-23.3 COP		
L22HL	2.2	1/20	LBP	S	220-240V 50Hz	RSIR	P	C	16	24	**34**	**0.63**	75	**40**	**0.82**	3.700	Lb
L30HL	3.1	1/12	LBP	S	220-240V 50/60Hz	RSIR	P	C	9	13	**19**	**0.69**	42	**58**	**0.90**	4.200	Lc
B38H	3.8	1/12	LBP	S	220-240V 50Hz	RSIR	P	C	30	45	**63**	**0.73**	139	**74**	**0.95**	4.600	Bb
B43H	4.3	1/10	LBP	S	220-240V 50/60Hz	RSIR	P	C	34	50	**71**	**0.77**	156	**83**	**1.00**	5.400	Bc
B43HB	4.3	1/10	LBP	S	220-240V 50Hz	RSCR	P	C	35	51	**72**	**0.92**	158	**84**	**1.20**	5.000	Bc
B48H	4.8	1/8	LBP	S	220-240V 50Hz	RSIR	P	C	38	56	**79**	**0.81**	174	**93**	**1.05**	5.000	Bc

R134a LBP • 60 Hz

MODEL	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C							WEIGHT Kg	DESIGN
									Cecomaf (W)					Ashrae			
									-35	-30	-25 W	-25 COP	-10	-23.3 kcal/h	-23.3 COP		
L22H5	2.2	1/20	LBP	S	110-120V 60Hz	RSIR	P	C	19	28	**39**	**0.56**	87	**46**	**0.75**	3.600	Lb
L30HL	3.1	1/12	LBP	S	220-240V 50/60Hz	RSIR	P	C	26	39	**55**	**0.80**	123	**64**	**1.04**	4.200	Lc
L30H5L	3.1	1/12	LBP	S	110-120V 60Hz	RSIR	P	C	27	40	**57**	**0.73**	127	**67**	**0.95**	3.850	Lc
B38H	3.8	1/12	LBP	S	220-240V 60Hz	RSIR	P	C	34	50	**71**	**0.96**	158	**83**	**1.10**	4.600	Bb
B38H5	3.8	1/12	LBP	S	110-115V 60Hz	RSIR	P	C	34	50	**71**	**0.96**	158	**83**	**1.10**	5.000	Bc
B38H5L	3.8	1/12	LBP	S	110-120V 60Hz	RSIR	P	C	34	50	**71**	**0.81**	158	**83**	**1.05**	4.600	Bc
B43H	4.3	1/10	LBP	S	220-240V 50/60Hz	RSIR	P	C	39	58	**81**	**0.96**	181	**95**	**1.10**	5.400	Bc
B43HB	4.3	1/10	LBP	S	220-240V 50/60Hz	RSCR	P	C	39	58	**81**	**1.00**	181	**95**	**1.30**	5.200	Bc
B43H5L	4.3	1/10	LBP	S	110-120V 60Hz	RSIR	P	C	39	58	**81**	**0.81**	181	**95**	**1.05**	5.000	Bc

R134a HMBP | HBP • 50 Hz

MODEL	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C							WEIGHT Kg	DESIGN
									Cecomaf (W)					Ashrae			
									-15	5 W	5 COP	10	7.2 kcal/h	7.2 COP			
B22G	2.2	1/14	HBP	S-F	220-240V 50Hz	RSIR	P	C	60	**152**	**1.64**	192	**160**	**1.94**	4.600	Bb	
B25G	2.6	1/14	HBP	S-F	220-240V 50Hz	RSIR	P	C	76	**202**	**1.53**	243	**208**	**2.08**	4.600	Bb	
B25GL (**)	2.6	1/14	HBP	S-F	220-240V 50Hz	CSIR	R	C-V	70	**190**	**1.84**	228	**196**	**2.14**	5.500	Be	◢
B30G	3.1	1/10	HBP	S-F	220-240V 50Hz	RSIR	P	C	83	**229**	**1.77**	270	**234**	**1.77**	4.800	Bc	
B30G	3.1	1/10	HBP	S-F	220-240V 50Hz	CSIR	R	C-V	83	**229**	**1.77**	270	**234**	**1.77**	4.800	Bc	
B35GL (**)	3.5	1/10	HBP	S-F	220-240V 50Hz	CSIR	R	C-V	100	**269**	**1.87**	323	**278**	**2.18**	5.500	Be	◢
B38G	3.8	1/8	HBP	S-F	220-240V 50Hz	CSIR	R	C-V	129	**291**	**1.91**	347	**298**	**2.23**	5.000	Bc	
B43GL	4.3	1/6	HBP	S-F	220-240V 50Hz	RSIR	P	C	122	**348**	**1.75**	422	**360**	**1.77**	5.300	Be	

◢ New Models (**) Under development

R134a HMBP | HBP • 60 Hz

	MODEL	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C						WEIGHT Kg	DESIGN
										Cecomaf (W)				Ashrae			
										-15	5		10	7.2			
											W	COP		kcal/h	COP		
	B22G5	2.2	1/16	HBP	S-F	110-115V 60Hz	RSIR	P	C	72	**188**	**1.83**	229	**194**	**2.13**	4.600	Bb
	B25G5L (**)	2.6	1/14	HBP	S-F	110-115V 60Hz	CSIR	R	C-V	88	**231**	**1.93**	283	**240**	**2.27**	5.700	Be
	B30G5	3.1	1/12	HBP	S-F	110-115V 60Hz	RSIR	P	C	100	**262**	**1.55**	317	**270**	**1.80**	5.000	Bb
	B35G5	3.5	1/10	HBP	S-F	110-120V 60Hz	CSIR	R	C-V	120	**304**	**1.80**	371	**315**	**2.12**	5.000	Bb
	B38G5L (**)	3.8	1/8	HBP	S-F	110-115V 60Hz	CSIR	R	C-V	136	**353**	**1.83**	424	**363**	**2.13**	5.700	Be

R290 LBP • 50 Hz

	MODEL	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C						WEIGHT Kg	DESIGN
										Cecomaf (W)				Ashrae			
										-40	-30	-25	-10	-23.3			
												W	COP	kcal/h	COP		
	NBC25CA (**)	2.6	1/12	LBP	S	220-240V 50Hz	RSIR	R	C	32	57	**74**	**1.00**	143	**86**	**1.30**	5.900	Be
	NBG25CA (**)	2.6	1/12	LBP	S	220-240V 50Hz	RSCR	R	C	32	57	**74**	**1.17**	143	**86**	**1.52**	6.000	Be
	NBC35CA (**)	3.5	1/8	LBP	S	220-240V 50Hz	RSIR	R	C	47	83	**108**	**1.00**	209	**125**	**1.30**	5.900	Be
	NBG35CA (**)	3.5	1/8	LBP	S	220-240V 50Hz	RSCR	R	C	47	83	**108**	**1.20**	209	**125**	**1.55**	6.000	Be
	NBC41CA (**)	4.1	1/7	LBP	S	220-240V 50Hz	RSIR	R	C	58	103	**134**	**1.00**	259	**155**	**1.30**	5.900	Be
	NBG41CA (**)	4.1	1/7	LBP	S	220-240V 50Hz	RSCR	R	C	58	103	**134**	**1.20**	259	**156**	**1.55**	6.000	Be
	NBC45CA (**)	4.5	1/6	LBP	S	220-240V 50Hz	RSIR	R	C	65	115	**150**	**1.00**	290	**173**	**1.30**	5.900	Be
	NBG45CA (**)	4.5	1/6	LBP	S	220-240V 50Hz	RSCR	R	C	65	115	**150**	**1.16**	290	**173**	**1.50**	6.000	Be

R290 HBP • 50 Hz

	MODEL	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C						WEIGHT Kg	DESIGN
										Cecomaf (W)				Ashrae			
										-25	-15	5	10	7.2			
												W	COP	kcal/h	COP		
	NBC22RA (**)	2.2	1/12	HMBP	F	220-240V 50Hz	CSIR	R	C-V	64	101	**224**	**2.24**	265	**230**	**2.3**	6.000	Be
	NBC30RA (**)	3.1	1/10	HMBP	F	220-240V 50Hz	CSIR	R	C-V	92	145	**322**	**2.34**	381	**330**	**2.4**	6.000	Be

New Models
Green Cooling Models

(**) Under development / Provisional data

	Conditions R134a			
	CECOMAF		ASHRAE	
	LBP (A)	HMBP/HBP (C)	LBP (B)	HMBP/HBP (D)
Evaporating temperature °C	-25	5	-23.3	7.2
Condensing temperature °C	55	55	55	55
Liquid temperature °C	55	55	32	46
Suction temperature °C	32	32	32	35
Ambient temperature °C	32	32	32	35

Measurement conversion
R134a
W (A) x 1.18 = kcal/h (B) W (E) x 0.85 = kcal/h (F)
W (C) x 1.02 = kcal/h (D) W (G) x 0.97 = kcal/h (H)

	Conditions R290			
	CECOMAF		ASHRAE	
	LBP (A)	HMBP/HBP (C)	LBP (B)	HMBP/HBP (D)
Evaporating temperature °C	-25	5	-23.3	7.2
Condensing temperature °C	55	55	55	55
Liquid temperature °C	55	55	32	46
Suction temperature °C	32	32	32	35
Ambient temperature °C	32	32	32	35

Measurement conversion
R290
W (A) x 1.17 = kcal/h (B)
W (C) x 1.03 = kcal/h (D)

R600a LBP • 50 Hz

	MODEL	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C							WEIGHT Kg	DESIGN
										Cecomaf (W)					Ashrae			
										35	-30	-25 W	-25 COP	-10	-23.3 kcal/h	-23.3 COP		
	L22CL	2.2	1/18	LBP	S	220-240V 50Hz	RSIR	P	C	12	31	**23**	**0.67**	48	**26**	**0.85**	3.600	Lb
	L30CL	3.1	1/16	LBP	S	220-240V 50/60Hz	RSIR	P	C	19	49	**36**	**0.77**	75	**41**	**0.98**	3.800	Lc
	B35C	3.5	1/15	LBP	S	220-240V 50Hz	RSIR	P	C	22	55	**41**	**0.82**	86	**47**	**1.05**	4.500	Bb
	B35C	3.5	1/15	LBP	S	220-240V 50Hz	RSCR	P	C	22	57	**42**	**1.06**	88	**48**	**1.35**	5.100	Bc
	B43CB	4.3	1/12	LBP	S	220-240V 50Hz	RSIR	P	C	27	69	**51**	**0.90**	107	**59**	**1.15**	4.600	Bc
	B43CB	4.3	1/12	LBP	S	220-240V 50Hz	RSCR	P	C	27	69	**51**	**1.02**	107	**59**	**1.30**	4.600	Bc
	B43C0	4.3	1/12	LBP	S	100V 50/60Hz	RSIR	P	C	27	69	**51**	**0.93**	107	**59**	**1.18**	4.600	Bb
	B52CL	5.2	1/10	LBP	S	220-240V 50Hz	RSIR	P	C	31	78	**58**	**0.90**	121	**67**	**1.15**	4.600	Bc
	B52CL	5.2	1/10	LBP	S	220-240V 50Hz	RSIR	P	C	31	78	**58**	**1.10**	121	**67**	**1.40**	5.200	Bd
	B52C0L	5.2	1/10	LBP	S	100V 50/60Hz	RSIR	P	C	31	78	**58**	**0.86**	121	**67**	**1.10**	4.800	Bc
	B60CBL	6.0	1/8	LBP	S	220-240V 50Hz	RSIR	P	C	38	95	**71**	**1.02**	149	**82**	**1.30**	5.000	Bc
	B60CBL	6.0	1/8	LBP	S	220-240V 50Hz	RSCR	P	C	38	96	**71**	**1.10**	149	**82**	**1.40**	5.000	Bc
	B65CL	6.5	1/8	LBP	S	220-240V 50Hz	RSIR	P	C	42	105	**78**	**0.86**	163	**90**	**1.10**	5.000	Bc
	B65CL	6.5	1/8	LBP	S	220-240V 50Hz	RSCR	P	C	42	105	**78**	**1.10**	163	**90**	**1.40**	5.200	Be

R600a LBP • 60 Hz

	MODEL	DISPLACEMENT cm³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C							WEIGHT Kg	DESIGN
										Cecomaf (W)					Ashrae			
										35	-30	-25 W	-25 COP	-10	-23.3 kcal/h	-23.3 COP		
	L22C5L	2.2	1/16	LBP	S	110-120V 60Hz	RSIR	P	C	16	22	**30**	**0.86**	63	**34**	**1.10**	3.600	Lb
	L30CL	3.1	1/14	LBP	S	220-240V 50/60Hz	RSIR	P	C	22	30	**41**	**0.86**	86	**47**	**1.10**	3.800	Lc
	B35C	3.5	1/12	LBP	S	220V 60Hz	RSIR	P	C	24	33	**45**	**0.93**	94	**52**	**1.18**	4.600	Bc
	B35C5B	3.5	1/12	LBP	S	110-115V 60Hz	RSIR	P	C	26	36	**49**	**0.94**	403	**56**	**1.20**	4.600	Bb
	B35C5BL	3.5	1/12	LBP	S	110-120V 60Hz	RSCR	P	C	26	36	**49**	**1.10**	103	**56**	**1.40**	4.600	Bc
	B43CB	4.3	1/10	LBP	S	220-240V 60Hz	RSIR	P	C	28	38	**52**	**0.98**	109	**60**	**1.25**	4.600	Bc
	B43CB	4.3	1/10	LBP	S	220-240V 60Hz	RSCR	P	C	31	43	**58**	**1.06**	121	**67**	**1.35**	4.600	Bc
	B43C0	4.3	1/10	LBP	S	100V 50/60Hz	RSIR	P	C	31	43	**58**	**0.93**	121	**67**	**1.18**	4.600	Bb
	B43C5B	4.3	1/10	LBP	S	110-115V 60Hz	RSIR	P	C	31	43	**58**	**1.02**	121	**67**	**1.30**	4.600	Bb
	B52C5BL	5.2	1/8	LBP	S	110-120V 60Hz	RSCR	P	C	38	53	**71**	**1.18**	149	**82**	**1.50**	5.200	Be
	B52C0L	5.2	1/8	LBP	S	100V 50/60Hz	RSIR	P	C	38	53	**71**	**0.86**	149	**82**	**1.10**	4.800	Bc
	B60CBL	6.0	1/8	LBP	S	220-240V 60Hz	RSIR	P	C	44	61	**83**	**1.02**	174	**95**	**1.30**	4.600	Bc
	B60C5BL	6.0	1/8	LBP	S	110-120V 60Hz	RSCR	P	C	44	61	**82**	**1.10**	172	**94**	**1.40**	5.200	Bd

Green Cooling Models

	Conditions R600a			
	CECOMAF		ASHRAE	
	LBP (A)	HMBP/HBP (C)	LBP (B)	HMBP/HBP (D)
Evaporating temperature °C	-25	5	-23.3	7.2
Condensing temperature °C	55	55	55	55
Liquid temperature °C	55	55	32	46
Suction temperature °C	32	32	32	35
Ambient temperature °C	32	32	32	35

Measurement conversion
R600a
W (A) x 1.15 = kcal/h (B)
W (C) x 1.02 = kcal/h (D)

Cross Reference

Small L and B Ranges vs D range Cross Reference

R134a LBP

Small L Range					
Model	Displacement (cc)	Cooling Capacity (kcal/h)	COP (W/W)	Motor	Voltage Frequency
L22HL	2.2	41	0.80	RSIR	220-240V 50Hz
L22H5	2.2	46	0.75	RSIR	110-120V 60Hz
L30HL	3.1	58	0.90	RSIR	220-240V 50Hz
L30HL	3.1	64	1.04	RSIR	220-240V 60Hz

D Range					
Model	Displacement (cc)	Cooling Capacity (kcal/h)	COP (W/W)	Motor	Voltage Frequency
GD24AA	2.44	41	0.68	RSIR	220-240V 50Hz
GD24ADa	2.44	48	0.70	RSIR	115V 60Hz
GD30AA	3.08	62	0.96	RSIR	220-240V 50Hz
GD30AG	3.08	68	0.88	RSIR	220-230V 60Hz

B Range					
Model	Displacement (cc)	Cooling Capacity (kcal/h)	COP (W/W)	Motor	Voltage Frequency
B38H	3.8	74	0.95	RSIR	220-240V 50Hz
B38H	3.8	83	1.10	RSIR	220-240V 60Hz
B38H5	3.8	83	1.10	RSIR	110-115V 60Hz
B38H5L	3.8	83	1.05	RSIR	115V 60Hz
B43H	4.3	83	1.00	RSIR	220-240V 50Hz
B43H	4.3	95	1.10	RSIR	220-240V 60Hz

D Range					
Model	Displacement (cc)	Cooling Capacity (kcal/h)	COP (W/W)	Motor	Voltage Frequency
GD36AA	3.62	72	0.99	RSIR	220-240V 50Hz
GD36AFa	3.62	80	0.86	RSIR	220-230V 60Hz
GD36AD	3.62	80	0.85	RSIR	115V 60Hz
GD36AD	3.62	80	0.85	RSIR	115V 60Hz
GD40AA	4.06	82	1.00	RSIR	220-240V 50Hz
GD40AF	4.06	91	0.91	RSIR	220-230V 60Hz

R134a HBP

B Range					
Model	Displacement (cc)	Cooling Capacity (kcal/h)	COP (W/W)	Motor	Voltage Frequency
B22G5	2.2	194	2.13	RSIR	110-115V 60Hz
B25GL (*)	2.6	189	1.80	CSIR	220-240V 50Hz
B25G5	2.6	228	1.80	RSIR	110-115V 60Hz
B25G5L (*)	2.6	240	2.28	CSIR	110-115V 60Hz
B30G	3.1	234	2.06	RSIR	220-240V 50Hz
B30G	3.1	234	2.06	CSIR	220-240V 50Hz
B30G5	3.1	271	1.80	RSIR	110-115V 60Hz
B35G5	3.5	315	2.12	CSIR	110-120V 60Hz
B35GL (*)	3.5	270	2.15	CSIR	220-240V 50Hz
B35G5	3.5	310	2.00	CSIR	110-120V 60Hz
B38G	3.8	298	2.23	CSIR	220-240V 50Hz
B38G5L (*)	3.8	363	2.13	CSIR	110-115V 60Hz

D Range					
Model	Displacement (cc)	Cooling Capacity (kcal/h)	COP (W/W)	Motor	Voltage Frequency
GD24MEa	2.44	210	1.63	RSIR	115V 60Hz
GD24MBc	2.44	180	1.67	CSIR	220-240V 50Hz
GD24MEa	2.44	210	1.63	RSIR	115V 60Hz
GD24MEc	2.44	210	1.63	CSIR	115V 60Hz
GD30MBa	3.08	240	1.74	RSIR	220-240V 50Hz
GD30MBb	3.08	240	1.74	RSIR	220-240V 50Hz
GD30MBc	3.08	240	1.74	CSIR	220-240V 50Hz
GD30MBd	3.08	240	1.74	CSIR	220-240V 50Hz
GD30MEa	3.08	281	1.63	RSIR	115V 60Hz
GD30MEb	3.08	281	1.63	RSIR	115V 60Hz
GD30ME c	3.08	281	1.63	CSIR	115V 60Hz
GD30ME d	3.08	281	1.63	CSIR	115V 60Hz
GD36MBc	3.62	270	1.74	CSIR	220-240V 50Hz
GD36MBd	3.62	270	1.74	CSIR	220-240V 50Hz
GD36ME c	3.62	316	1.67	CSIR	115V 60Hz
GD36ME d	3.62	316	1.67	CSIR	115V 60Hz
GD40MBc	4.06	310	1.80	CSIR	220-240V 50Hz
GD40MBd	4.06	310	1.80	CSIR	220-240V 50Hz
GD40MEc	3.62	363	1.69	CSIR	115V 60Hz
GD40MEd	3.62	363	1.69	CSIR	115V 60Hz

R600a LBP

B Range					
Model	Displacement (cc)	Cooling Capacity (kcal/h)	COP (W/W)	Motor	Voltage Frequency
B35C	3.5	48	1.25	RSIR	220-240V 50Hz

D Range					
Model	Displacement (cc)	Cooling Capacity (kcal/h)	COP (W/W)	Motor	Voltage Frequency
HD40AA	4.06	50	0.86	RSIR	220-240V 50Hz

R290 HMBP

B Range					
Model	Displacement (cc)	Cooling Capacity (kcal/h)	COP (W/W)	Motor	Voltage Frequency
NBC30RA (*)	3.1	330	2.40	CSIR	200-240V 50Hz

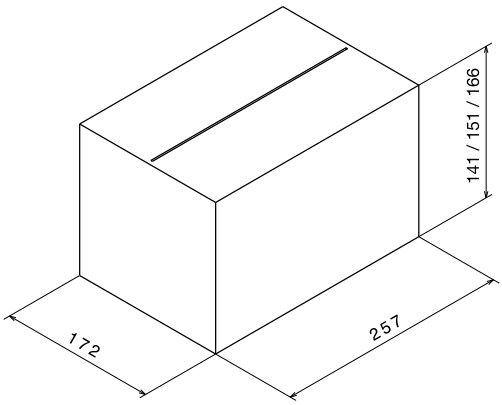
D Range					
Model	Displacement (cc)	Cooling Capacity (kcal/h)	COP (W/W)	Motor	Voltage Frequency
ND30MB	3.1	328	2.11	CSIR	220-240V 50Hz

(*) Models under development

Packaging and logistics

Single Boxes dimensions

Small L & B Ranges



Single Box

	Box dimensions (mm)			Pallet dimensions (mm)	
Range	Length	Width	Height	Length	Width
Small L	257	172	141/151	1010	1010
B	257	172	151/166	1010	1010

Tray

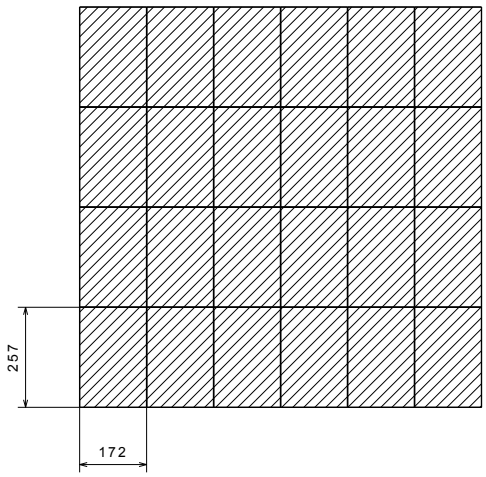
	Tray dimensions (mm)		Pallet dimensions (mm)		
Range	Length	Width	Length	Width	Height
Small L	1110	815	1135	830	1105
B	1110	815	1135	830	970

Quantity per pallet Tray & Single box

	Tray			Single Box		
Range	Qty/Level	Nº Levels	Qty/Pallet	Qty/Level	Nº Levels	Qty/Pallet
Small L	25	6	150	24	5	120
B	25	5	125	24	5	120

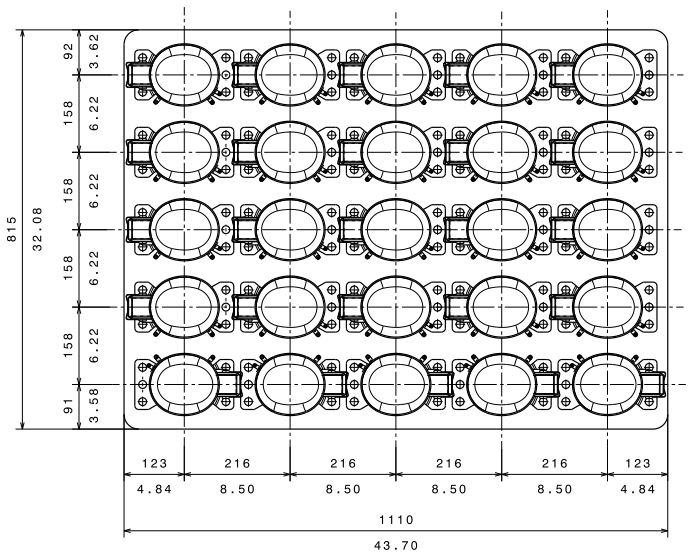
Pallet Product Layout

Small L & B Ranges Pallet Distribution



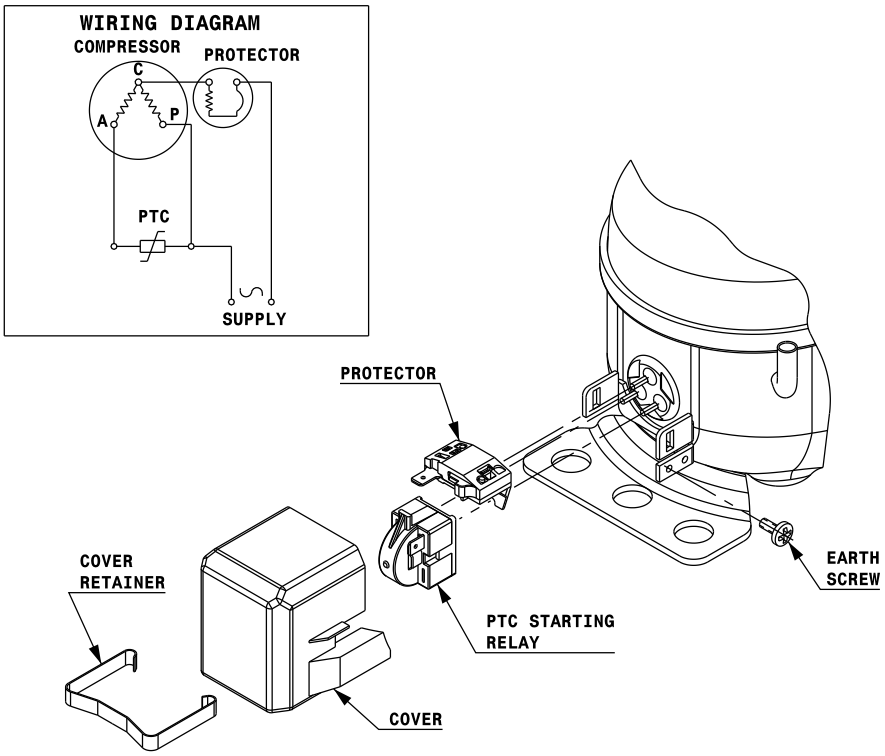
Tray per Pallet

Small L & B Ranges tray distribution

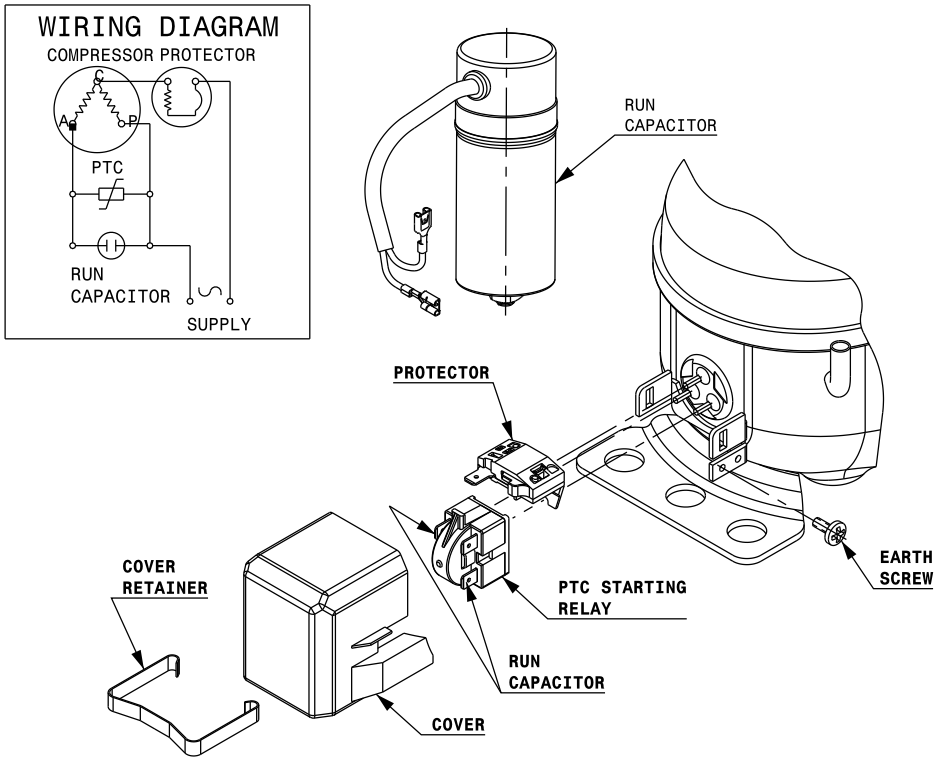


Wiring Diagrams and Electrical Assembly

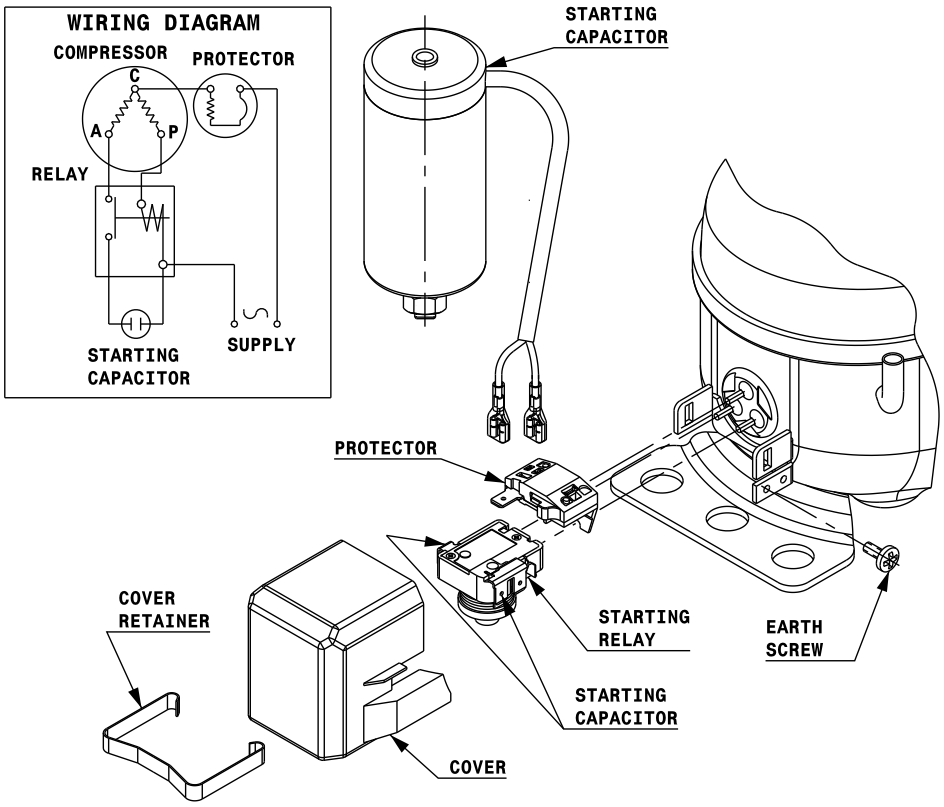
RSIR CONNECTION (PTC) Small L and B



RSCR CONNECTION (PTC) Small L and B



CSIR CONNECTION Small L and B



CATALOGUE SMALL L & B RANGES · 06/2016

HUAYI
COMPRESSOR
BARCELONA

Huayi Compressor Barcelona, S.L.
Antoni Forrellad, 2 · 08192
Sant Quirze del Vallès · BCN · Spain
Phone: +34 93 710 60 08
Fax +34 93 710 69 58

www.huayicompressor.es