

50Hz COMPRESSORS FOR LIGHT COMMERCIAL APPLICATIONS

CATALOGUE



for Commercial Refrigeration
R404A · R134a · R290 · R600a



HUAYI
COMPRESSOR
BARCELONA



For every type of application

The most complete range of products



Sustainable Cooling

Natural Refrigerants



Low energy consumption

Worldwide presence



Mobile applications

The company

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

Huayi Compressor Co., Ltd.

Huayi Compressor Co., Ltd. was founded in 1990, located in Jingdezhen, China, and it is the largest compressor manufacturer in the world. It specializes in the production of hermetic compressors with a complete range from 40W to 400W for refrigerators, water dispensers and dehumidifiers, among other household appliances.

The core value of the company is "Employee, Customer and Shareholder Satisfaction".

Huayi Compressor Barcelona, S.L.

Huayi Compressor Barcelona, S.L., subsidiary of Huayi Group, was founded in 1962 under the name of Unidad Hermética with the aim of producing hermetic compressors and cooling equipment. Today, the company belongs to Huayi Compressors Co. Ltd.

Oriented to develop quality products supported by European production, with more than 100 million compressors produced under the Cubigel Compressors® brand, the company mission has remained the same during its 55 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 apt for the market requirements.

Together with our compressors we also offer a complete range of condensing units, working under heavy conditions and with the possibility of adopting the design to customer requirements.



Family of compressors and Condensing Units

Small



Small L range

Features: More compact, more efficient

Range: 2.20 to 3.10 cc

Refrigerants: R134a, R600a

Applications: Small refrigerators and freezers

B range

Features: More displacement, more efficient, compactness

Range: 2.20 to 6.50 cc

Refrigerants: R134a, R600a, R290

Applications: Water coolers, can / bottle coolers, small refrigerator and freezers



U range



Features: Compact size, Extremely silent. The highest efficient range with propane (R290) & isobutene (R600a)

Range: 4.50 to 8.90 cc

Refrigerants: R134a, R290, R600a, R1234yf

Applications: Ice Cream Freezers, Bottle Coolers, Chest coolers, Freezers, Refrigerated display counters, Display cabinets

L range

Features: High Efficiency versions

Range: 4.56 to 10.7 cc

Refrigerants: R134a, R404A, R290, R600a, R507, R1234yf

Applications: Household Refrigerators, Bottle Coolers and Freezers, Can Coolers, Chest Freezers, Vending Machines, Ice Cream Freezers, Beer Dispensers, Ice Makers, Soft Drink Dispensers, Heat Pumps Systems





P range

Features: High Efficiency versions

Range: 12.10 to 18.00 cc

Refrigerants: R134a, R404A, R600a, R290, R507, R1234yf

Applications: Household Refrigerators, Bottle Coolers and Freezers, Can Coolers, Chest Freezers, Vending Machines, Ice Cream Freezers, Beer Dispensers, Ice Makers, Soft Drink Dispensers

X range

Features: High reliability & efficiency. New design to work under heavy duty operation conditions

Range: 16.03 to 23.20 cc

Refrigerants: R134a, R404A, R290, R407C, R507, R1234yf

Applications: Large Freezers (vertical and chest), Blast Freezers, Ice Makers, Vending Machines, Display Cabinets, Display Islands, Soft Drink Dispensers



S range

Features: Top capacity range, Optimized design to reduce vibration

Range: 18.10 to 34.42 cc

Refrigerants: R134a, R404A, R407C, R507, R1234yf, R290

Applications: Large Freezers (vertical and chest), Soft drinks dispensers, Blast Freezers, Air Dryers, Ice Makers, Air Conditioning, Vending Machines, Heat Pumps, Display, Cabinets and Islands

CONDENSING UNITS

Features: Complete range of Condensing Units from 2.20 to 34.42 cc

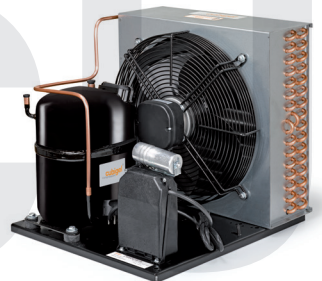
High reliability & top-quality components

Specific customized versions

Designed to work under 43° C tropical conditions

Refrigerants: R134a, R404A, R290, R407C, R507, R1234yf

Applications: Suitable for all applications



Glass door merchandiser



	R134a	R404A	R290
100 - 150 L	GUY60RA	ML40TB	NUY45RA
200 - 300 L	GUY80RA	ML60TB	NUY60RA
400 - 480 L	GPY12RA	MLY80RA	NUY90RA
490 - 600 L	GPY14RA	MLY90RA	NLY12RA
600 - 750 L	GPY16RA	MLY90RA	NLY12RA
750 - 1000 L	GPT18RA	MLT12RA	NPY12RA
1000 - 1400 L	GX21TB	MPT12RA	NPT14RA
1400 - 1700 L	GS26TB	MPT14RA	NPT16RA
1700 - 2000 L	GS30TB	MX18TBa	NX21TBa

PARAMETERS	
Evaporating temperature	-10°C
Internal temperature	0 a 6°C
Application	MBP / LST

Open chest display cabinet



	R134a	R404A	R290
1 m	GPY12RA	ML80TB	NUY80RA
2 m	GPY14RA	MLY80RA	NUY90RA
3 m	GPT18RA	MLT12RA	NPY12RA
4 m	GS26TB	MX16TBa	NX18TBa

PARAMETERS	
Evaporating temperature	-10°C
Internal temperature	0 a 7°C
Application	MBP / LST

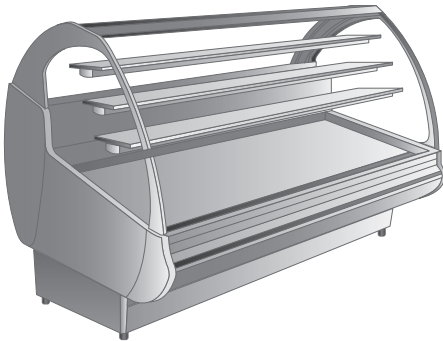
Open display mini refrigerator



	R134a	R290
90 - 130 L	GUY60RA	NUY45RA
140 - 200 L	GUY90RA	NUY60RA

PARAMETERS	
Evaporating temperature	-10°C
Internal temperature	-5°C
Application	MBP / LST

Bakery display cabinet



	R134a	R290
1 m	GUY60RA	NUY45RA
2 m	GUY90RA	NUY60RA
3 m	GPY12RA	NUY70RA

PARAMETERS	
Evaporating temperature	-5°C
Internal temperature	5 a12°C
Application	MBP / LST

Vending machine



	R134a	R290
400 L	GPY14RA	NUY90RA
500 L	GPY16RA	NPY12RA
800 L	GPT18RA	-

PARAMETERS	
Evaporating temperature	-10°C
Internal temperature	5°C
Application	HMBP / LST

Open display refrigerator



	R134a	R290
300 L	GPY14RA	NUY90RA
400 L	GPT18RA	NPY12RA

PARAMETERS	
Evaporating temperature	-10°C
Internal temperature	-5°C
Application	MBP / LST

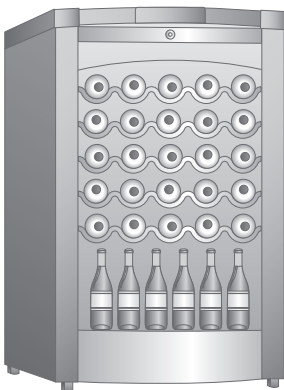
Self service cabinet



	R134a	R290
350 - 500 L	GPY12RA	NUY90RA
500 - 700 L	GPY14RA	NUY90RA
700 - 900 L	GPT18RA	NPY12RA
900 - 1000 L	GS30TB	-

PARAMETERS	
Evaporating temperature	-10 a -5°C
Internal temperature	0 a 10°C
Application	MBP / LST

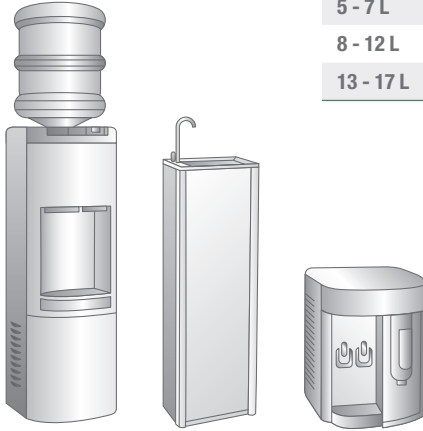
Wine cooler



	R134a	R600a	R290
24 L	B38G	HUY70MA	NBC30RA
45 - 60 L	GUY45RA	HLY99RA	-
92 - 100 L	GUY60RA	-	NUY45RA
200 L	GUY90RA	-	NUY60RA

PARAMETERS	
Evaporating temperature	-5°C
Internal temperature	-5 a 15°C
Application	HMBP / LST

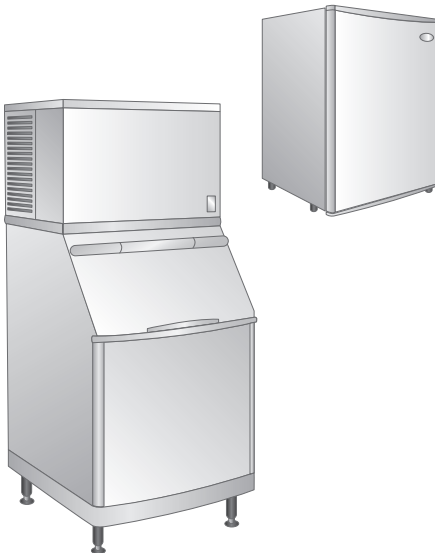
Water dispensers



	R134a	R600a	R290
2 - 4 L	B43GL	HUY70MA	NBC30RA
5 - 7 L	GUY90RA	HLY99RA	NUY60RA
8 - 12 L	GPY12RA	-	NUY90RA
13 - 17 L	GPY16RA	-	NPY12RA

PARAMETERS	
Evaporating temperature	-10 a -5°C
Internal temperature	-10°C
Application	HMBP / LST

Ice maker

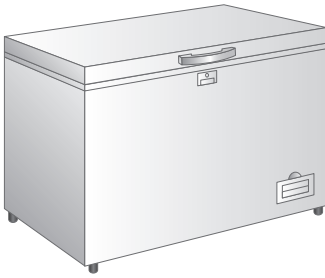


	R134a	R290
24 - 48 kg/day	GLY45RA	NUY45RA
72 kg/day	GUY90RA	NUY70RA
100 kg/day	GPY16RA	NPY12RA
140 kg/day	GPT18RA	-
180 kg/day	GX23TG	-
240 kg/day	GS26TB	-

PARAMETERS	
Evaporating temperature	-10°C
Internal temperature	0°C
Application	HMBP / LST

Chest freezer

	R134a	R404A	R290
200 - 290 L	GLY80AA	MLY45LA	NUY45LA
300 - 380 L	GLY90AA	ML60FB	NUT55CA
400 - 480 L	GPY12AA	MLY60LA	NUT60CA
490 - 600 L	GPY16LA	MLY80LA	NUY90LA



PARAMETERS	
Evaporating temperature	-30°C
Internal temperature	-18°C
Application	LBP / LST

Upright freezer



	R404A	R290
100 - 200 L	ML60FB	NUT60CA
200 - 290 L	MLY80LA	NUT70CA
300 - 380 L	MLY12LA	NPY12LA
400 - 500 L	MPT16LA	NPT18LA
500 - 600 L	MPT18LA	-
600 - 700 L	MX23FBa	-

PARAMETERS	
Evaporating temperature	-30°C
Internal temperature	-18°C
Application	LBP / LST

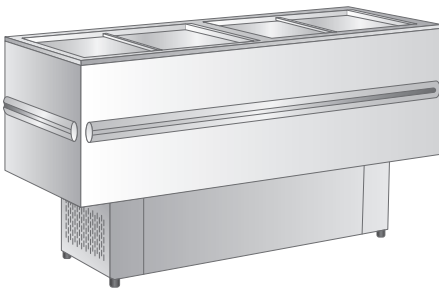
Upright commercial freezer

	R134a	R404A	R290
300 - 380 L	GLY90AA	ML60FB	NUT55CA
380 - 450 L	GPY12AA	MLY60LA	NUT60CA
450 - 520 L	GPY16LA	MLY80LA	NUY90LA



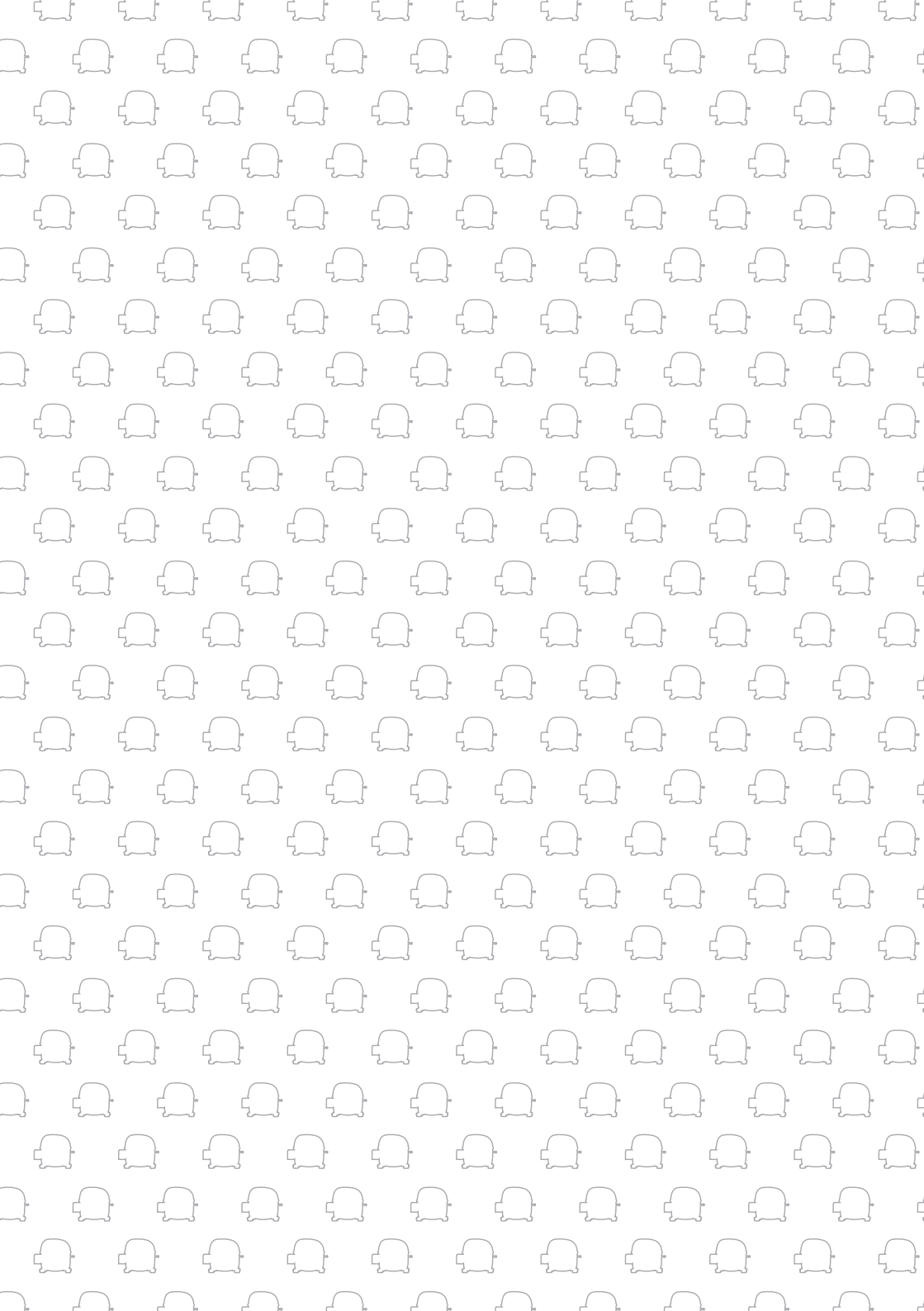
PARAMETERS	
Evaporating temperature	-30°C
Internal temperature	-18°C
Application	LBP / LST

Island freezer



	R404A	R290
1 - 1,5 m	MPT14LA	NPY14LA
2 m	MPT18LA	NPT18LA
3 m	MX23FBa	-
4 m	MS30FBa	-

PARAMETERS	
Evaporating temperature	-30°C
Internal temperature	-20 a -15°C
Application	LBP / LST





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