

cubigel[®]
compressors

R290 Compressors Catalogue

Extended and efficient range of
compressors in R290



Natural refrigerants

Complete range
of compressors from
2.2 to 38cc



- > Maximum efficiency
- > Better cooling capacity



HUAYI
COMPRESSOR
BARCELONA

R290 LBP | LMBP • 50 Hz

Natural Refrigerant

MODEL	DISPLACEMENT cm ³	POWER hp	APPLICATION	CPR COOLING	VOLTAGE FREQUENCY	MOTOR	STARTING	EXPANSION	REFRIGERATION CAPACITY						WEIGHT Kg	DESIGN	
									COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C								
									Cecomaf (W)			Ashrae					
									-40	-30	-25		-10	-23.3			
W	COP	W	COP														
● NLY12LAa	10.70	3/8	LBP	F	220-240V 50Hz ~1	CSIR	R	C-V	163	283	364	0.96	689	488	1.24	11.21	Ld
● NLY12LAb	10.70	3/8	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	163	283	364	1.01	689	488	1.31	11.31	Ld
● NLY12NGa	10.70	3/8	LMBP	F	200-220/220-230V 50/60Hz ~1	CSIR	R	C-V	168	288	371	0.98	715	499	1.28	11.04	Ld
● NLY12NGb	10.70	3/8	LMBP	F	200-220/220-230V 50/60Hz ~1	CSR	R	C-V	171	287	371	1.06	726	499	1.31	11.14	Ld
● NPY12LAa	12.10	3/8	LBP	F	220-240V 50Hz ~1	CSIR	R	C-V	174	309	402	1.05	783	541	1.35	12.13	Pd
● NPY12LAb	12.10	3/8	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	174	309	402	1.15	783	541	1.49	12.23	Pd
● NPY14LAa	14.32	1/2	LBP	F	220-240V 50Hz ~1	CSIR	R	C-V	217	376	485	1.05	928	651	1.35	12.17	Pd
● NPY14LAb	14.32	1/2	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	217	376	485	1.14	928	651	1.48	12.27	Pd
● NPT16LA	16.15	1/2	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	254	440	564	1.16	1062	756	1.50	12.17	Pd
● NPT18LA	18.00	1/2	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	269	473	611	1.13	1165	820	1.46	12.30	Pd
● NX18FBa	18.40	3/4	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	243	471	611	1.11	1137	820	1.44	16.41	Xd
● NX21FBa	20.72	3/4	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	267	517	675	1.11	1275	907	1.44	16.00	Xd
● NX23FBa	23.20	7/8	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	297	572	746	1.09	1411	1003	1.41	16.75	Xd
● NST26LA (**)	25.93	7/8	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	335	645	841	1.16	1591	1130	1.50	22.60	Sd
● NST34LA (**)	34.42	1	LBP	F	220-240V 50Hz ~1	CSR	R	C-V	444	856	1116	1.16	2111	1500	1.50	23.00	Sd
● NST38NA (**)	38.00	1 1/2	LMBP	F	220-240V 50Hz ~1	CSR	R	C-V	489	942	1228	1.14	2323	1650	1.49	23.00	Sd

R290 LBP | LMBP • 60 Hz

Natural Refrigerant

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									COP in W/W 1 W = 0,864 kcal/h = 3,415 BTU/h Evaporating Temperature °C								
									Cecomaf (W)			Ashrae					
									-40	-30	-25		-10	-23.3			
W	COP	W	COP														
● NBC30NR	3.10	1/7	LMBP	S/F	115-127V 60Hz ~1	CSIR	R	C-V	50	89	118	1.07	242	159	1.40	6.10	Bf
● NBC30NG (**)	3.10	1/8	LMHBP	S/F	220-240V 50/60Hz ~1	CSIR	R	C-V	52	92	122	1.10	250	165	1.45	5.80	Be
● NUT35NRa (**)	3.50	1/8	LMBP	F	115-127V 60Hz ~1	CSIR	R	C-V	61	107	142	1.14	290	192	1.50	9.12	Be
● NUT35NRb (**)	3.50	1/8	LMBP	F	115-127V 60Hz ~1	CSR	R	C-V	61	107	142	1.21	290	192	1.60	9.19	Be
● NUT40NRa (**)	4.00	1/5	LMBP	F	115-127V 60Hz ~1	CSIR	R	C-V	72	128	169	1.15	347	229	1.51	9.15	Be
● NUT40NRb (**)	4.00	1/5	LMBP	F	115-127V 60Hz ~1	CSR	R	C-V	72	128	169	1.23	347	229	1.62	9.22	Be
● NUY45NRa	4.50	1/5	LMBP	F	115-127V 60Hz ~1	CSIR	R	C-V	76	136	180	1.15	363	243	1.50	9.12	Ub
● NUY45NRb	4.50	1/5	LMBP	F	115-127V 60Hz ~1	CSR	R	C-V	73	137	182	1.23	369	247	1.60	9.19	Ub
● NUC45NGa	4.50	1/5	LMBP	F	200-220/230V 50/60Hz ~1	RSIR	P	C	72	136	180	1.10	365	244	1.43	8.60	Ub
● NUT55LRa	5.50	1/5	LBP	F	115-127V 60Hz ~1	CSIR	R	C-V	110	189	243	1.24	460	326	1.60	9.47	Ub
● NUT55LRb	5.50	1/5	LBP	F	115-127V 60Hz ~1	CSR	R	C-V	110	193	247	1.34	463	331	1.73	9.54	Ub
● NUT55LRc	5.50	1/5	LBP	S	115-127V 60Hz ~1	CSIR	R	C-V	110	189	243	1.24	460	326	1.60	9.47	Ub
● NUT55LRd	5.50	1/5	LBP	S	115-127V 60Hz ~1	CSR	R	C-V	110	193	247	1.34	463	331	1.73	9.54	Ub
● NUY55NRa (**)	5.50	1/5	LMBP	F	115-127V 60Hz ~1	CSIR	R	C-V	105	184	235	1.21	441	312	1.56	9.10	Ub
● NUY55NRc (**)	5.50	1/5	LMBP	S	115-127V 60Hz ~1	CSIR	R	C-V	105	184	235	1.21	441	312	1.56	9.10	Ub
● NUC55NGa	5.50	1/5	LMBP	F	200-220/230V 50/60Hz ~1	RSIR	P	C	106	186	237	1.15	445	314	1.48	8.60	Ub
● NUC55NGc	5.50	1/5	LMBP	F	200-220/230V 50/60Hz ~1	CSIR	R	C-V	106	186	237	1.15	445	314	1.48	8.60	Ub
● NUT60LRa	6.00	1/3	LBP	F	115-127V 60Hz ~1	CSIR	R	C-V	122	207	266	1.25	508	357	1.60	9.40	Ub
● NUT60LRb	6.00	1/3	LBP	F	115-127V 60Hz ~1	CSR	R	C-V	122	213	273	1.34	513	366	1.73	9.50	Ub

● Green Cooling Models ● New Models (** Under development

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