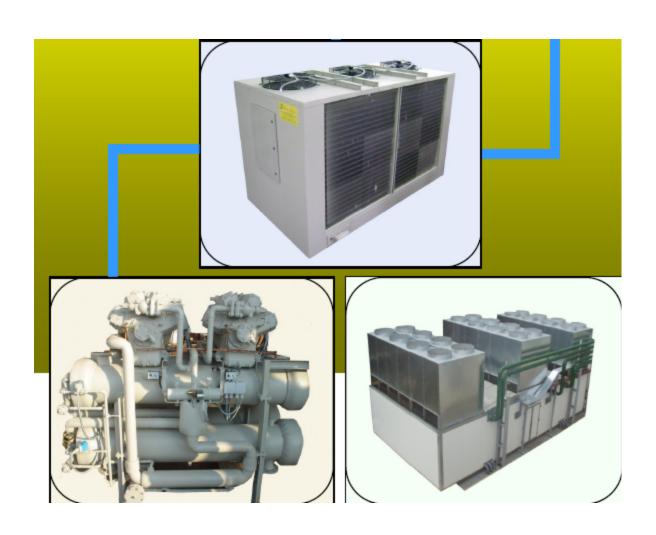


# MANUFACTURING EQUIPMENT AND DEVICES FOR INDUSTRIAL COOLING AND AIR CONDITIONING ELECTROLUX MACEDONIA



# **PRODUCT CATALOGUE**





# **PRODUCTS**



AIR TO AIR CHILLERS



AIR TO WATER CHILLERS



WATER TO WATER CHILLERS



REVERSIBLE AIR TO AIR CHILLERS



REVERSIBLE AIR TO WATER CHILLERS





## REVERSIBLE WATER TO WATER CHILLERS



**COOLING TOWERS** 

POWER SUPPLY FOR ALL PRODUCTS  $380V \sim 3N/50Hz$ 

# **AIR TO AIR CHILLERS**

MODEL		0010	0015	0020	0030	0035	0040	0050	0065	0055	0070
COOLING CAPACITY	kW	10,78	15,82	19,46	27,83	34,43	42,37	53,81	64,32	55,66	68,86
NUMBER OF FREON CIRCUITS	No	1	1	1	1	1	1	1	1	1/2	1/2
NUMBER OF COMPRESSORS/CIRCUITS	No	1	1	1	1	1	1	1	1	2	2
AIR FLOW RATE ON AGGREGATE UNIT	$m^3/h$	3219	6013	7398	10580	13088	16108	20455	24450	21160	26176
AIR FLOW RATE ON EVAPORATOR UNIT	m³/h	3219	6013	7398	10580	13088	16108	20455	24450	21160	26176
MAXIMUM DISTANCE	m	50	50	50	50	50	50	50	50	50	50
MAXIMUM ALTITUDE	m	12	12	12	12	12	12	12	12	12	12
REFRIGERANT		R407C									
NOISE LEVEL	đb	65	65	65	65	65	65	65	66	66	66
TOTAL INPUT POWER	kW	3,32	4,66	6,03	8,55	10,56	13	16,03	19,11	3,32	
WEIGHT	kg	166	169	327	398	459	512	564	645	670	705

MODEL		0085	0105	0130	0067	0080	0100	0125	0160	0190	0063
COOLING CAPACITY	kW	84,74	107,62	128,64	67,32	83,49	103,29	127,11	161,43	192,96	63,28
NUMBER OF FREON CIRCUITS	No	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
NUMBER OF COMPRESSORS/CIRCUITS	No	2	2	2	3	3	3	3	3	3	4
AIR FLOW RATE ON AGGREGATE UNIT	$m^3/h$	32216	40910	48900	20102	32604	40338	49641	63 000	75357	18896
AIR FLOW RATE ON EVAPORATOR UNIT	$m^3/h$	32216	40910	48900	20102	32604	40338	49641	63 000	75357	18896
MAXIMUM DISTANCE	m	50	50	50	50	50	50	50	50	50	50
MAXIMUM ALTITUDE	m	12	12	12	12	12	12	12	12	12	12
REFRIGERANT		R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C
NOISE LEVEL	₫b	66	67	67	66	66	67	67	67	67	66
TOTAL INPUT POWER	kW										
WEIGHT	kg	890	1075	1137	916	1118	1215	1290	1870	2656	1072



		_							
MODEL		0071	0075	0095	0110	0140	0170	0215	0260
COOLING CAPACITY	kW	71,52	77,84	96,08	111,3	137,72	169,5	215,2	257,3
NUMBER OF FRECN CIRCUITS	No	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
NUMBER OF COMPRESSORS/CIRCUITS	No	4	4	4	4	4	4	4	4
AIR FLOW RATE ON AGGREGATE UNIT	m³/h	21356	23241	28689	33233	41115	50600	64260	76315
AIR FLOW RATE ON EVAPORATOR UNIT	$m^3/h$	21356	23241	28689	33233	41115	50600	64260	76315
MAXIMUM DISTANCE	m	50	50	50	50	50	50	50	50
MAXIMUM ALTITUDE	m	12	12	12	12	12	12	12	12
REFRIGERANT		R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C
NOISE LEVEL	đb	бб	66	66	67	67	67	68	68
TOTAL INPUT POWER	kW								
WEIGHT	kg	1195	1240	1383	1406	1436	2179	3072	3237

MODEL		0010	0015	0020	0030	0035	0040	0050	0055	0060	0063	0065	0067
LOW NOISE VERSION	Т	•	•	•	•	•	•	٠	•	•	•	•	•
HERMETIC COMPRESSOR	Η	•	•	•	•	•	•	•	•	•	•	•	•
SEMI-HERMETIC COMPRESSOR		•	•	•	•	•	•	•	•	•	•	•	•
AXIAL FANS	Α	X	X	X	X	X	X	X	X	X	X	X	X
RADIAL FANS	R	•	•	•	•	•	•	•	•	•	•	•	•
REFRIGERANT R134A	1	•	•	•	•	•	•	•	•	•	•	•	•
REFRIGERANT R407C	2	X	X	X	X	X	X	X	X	X	X	X	X
REFRIGERANT R410A	3	•	•	•	•	•	•	•	•	•	•	•	•
PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT	P	•	•	•	•	•	•	٠	•	•	•	•	•
FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT	T.	•	•	•	•	•	•	•	•	•	•	•	•
TUBE HEAT EXCHANGER IN PRIMARY CIRCUIT	С	X	X	X	X	X	X	X	X	X	X	X	X
WITH PARTIAL RECUPERATORS	D	•	•	•	•	•	•	•	•	•	•	•	•
WITH TOTAL RECUPERATORS	M	•	•	•	•	•	•	•	•	•	•	•	•
WITH HYDRO BLOCK	В	•	•	•	•	•	•	•	•	•	•	•	•
REMOTE CONTROL PANEL	N	•	•	•	•	•	•	•	•	•	•	•	•
WITH REACTIVE POWER COMPENSATOR	J	•	•	•	•	•	•	•	•	•	•	•	•

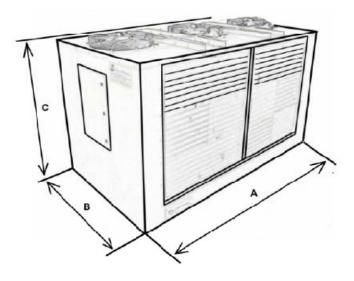
News -										M	Elec acec Pale	tro ioni nzo	lux a
MODEL		0070	0071	0075	0080	0085	0095	0100	0105	0110	0125	0130	0140
LOW NOISE VERSION	Т	•	•	•	•	•	•	•	•	•	•	•	•
HERMETIC COMPRESSOR	Н	•	•	•	•	•	•	•	•	•	•	•	•
SEMI-HERMETIC COMPRESSOR		•	•	•	•	•	•	٠	•	•	•	•	•
AXIAL FANS	A	X	X	X	X	X	X	X	X	X	X	X	X
RADIAL FANS	R	•	•	•	•	•	•	•	•	•	•	•	•
REFRIGERANT R134A	1	•	•	•	•	•	•	•	•	•	•	•	•
REFRIGERANT R407C	2	X	X	X	X	X	X	X	X	X	X	X	X
REFRIGERANT R410A	3	•	•	•	•	•	•	•	•	•	•	•	•
PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT	P	•	•	•	•	•	•	•	•	•	•	•	•
FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT	L	•	•	•	•	•	•	•	•	•	•	•	•
TUBE HEAT EXCHANGER IN PRIMARY CIRCUIT	С	X	X	X	X	X	X	X	X	X	X	X	X
WITH PARTIAL RECUPERATORS	D	•	•	•	•	•	•	•	•	•	•	•	•
WITH TOTAL RECUPERATORS	M	•	•	•	•	•	•	•	•	•	•	•	•
WITH HYDRO BLOCK	В	•	•	•	•	•	•	•	•	•	•	•	•
REMOTE CONTROL PANEL	N	•	•	•	•	•	•	•	•	•	•	•	•
WITH REACTIVE POWER COMPENSATOR	J	•	•	•	•	•	•	•	•	•	•	•	•

MODEL		0160	0170	0190	0215	0260
LOW NOISE VERSION	T	•	•	•	•	•
HERMETIC COMPRESSOR	Н	•	•	•	•	•
SEMI-HERMETIC COMPRESSOR		•	•	•	•	•
AXIAL FANS	A	X	X	X	X	X
RADIAL FANS	R	•	•	•	•	•
REFRIGERANT R134A	1	•	•	•	•	•
REFRIGERANT R407C	2	X	X	X	X	X
REFRIGERANT R410A	3	•	•	•	•	•
PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT	P	•	•	•	•	•
FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT	L	•	•	•	•	•
TUBE HEAT EXCHANGER IN PRIMARY CIRCUIT	С	X	X	X	X	X
WITH PARTIAL RECUPERATORS	D	•	•	•	•	•
WITH TOTAL RECUPERATORS	M	•	•	•	•	•
WITH HYDRO BLOCK	В	•	•	•	•	•
REMOTE CONTROL PANEL	N	•	•	•	•	•
WITH REACTIVE POWER COMPENSATOR	J	•	•	•	•	•

#### X STANDARD

• ACCESSORIES



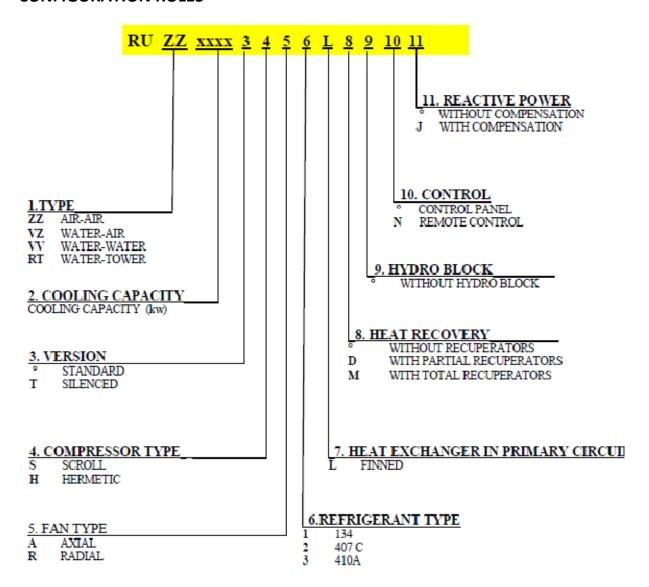


Ì	MODEL		0010	0015	0020	0030	0035	0040	0050	0055	0060	0063	0065	0067	0070	0071	0075
	WIDTH A	mm	1400	1400	1400	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
	DEPHT B	mm	800	800	800	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400
ſ	HEIGHT C	mm	1000	1000	1000	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600

MODEL		0080	0085	0095	0100	0105	0110	0125	0130	0140	0160	0170	0190	0215	0260
WIDTH A	mm	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
DEPHT B	mm	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
HEIGHT C	mm	2300	2300	2300	2300	2300	2300	2300	2300	2300	2300	2300	2300	2300	2300



#### **CONFIGURATION RULES**



#### Commercial code example:

#### **RU ZZ 0650A2LMN**

This is air to air chiller with 650 kW cooling capacity, low noise type with semihermetic compressor, axial fans, refrigerant R407 C, fined heat exchanger in primary circuit, with total recuperators, without hydro block, with remote control and without reactive power compensation.



# AIR TO WATER CHILLERS

MODEL		0010	0015	0020	0030	0035	0040	0050	0065	0055	0070
COOLING CAPACITY	kW	10,78	15,82	19,46	27,83	34,43	42,37	53,81	64,32	55,66	68,86
NUMBER OF FREON CIRCUITS	No	1	1	1	1	1	1	1	1	1/2	1/2
NUMBER OF COMPRESSORS	No	1	1	1	1	1	1	1	1	2	2
FANS NUMBER	No	1	1	1	1	2	2	2	2	2	3
WATER FLOW RATE	1/h	1854	2721	3892	5566	6873	8458	10762	12865	11132	13746
AIR FLOW RATE	m³/h	3219	6013	7398	10580	13088	16108	20455	24450	21160	26176
REFRIGERANT		R407C	R.407C	R407C	R407C						
PRESSURE DROPS ON EVAPORATOR	bar	0,35	0,35	0,35	0,35	0,35	0,36	0,36	0,36	0,36	0,36
NOISE LEVEL	ďb	65	65	65	65	65	65	66	66	66	66
TOTAL INPUT POWER	kW	3,32	4,66	6,03	8,55	10,56	13	16,03	19,11	17,1	21,12
WEIGHT	kg	178	187	3:49	430	499	561	626	719	734	785

MODEL		0085	0105	0130	0060	0067	0080	0100	0125	0160	0190
COOLING CAPACITY	kW	84,74	107,62	128,64	58,38	67,32	83,49	103,29	127,11	161,43	192,96
NUMBER OF FREON CIRCUITS	No	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
NUMBER OF COMPRESSORS	No	2	2	2	3	3	3	3	3	3	3
FANS NUMBER	No	3	3	-4							
WATER FLOW RATE	1/h	16916	21524	25830	10041	11579	14358	17763	21861	27762	33186
AIR FLOW RATE	m³/h	32216	40910	48900	12630	20102	32604	40338	49641	63000	75357
REFRIGERANT		R407C	R407C	R407C	R407C	R407C	R407C	R407C	R.407C	R407C	R407C
PRESSURE DROPS ON EVAPORATOR	bar	0,37	0,37	0,38	0,36	0,36	0,36	0,37	0,37	0,38	0,39
NOISE LEVEL	ďb	66	67	67	65	66	66	67	67	68	68
TOTAL INPUT POWER	kW	26	32,06	38,22	18,09	22,32	25,65	31,8	39	48,09	57,33
WEIGHT	kg	988	1200	1287	964	994	1312	1318	1438	2058	2:880

MODEL		0063	0071	0075	0095	0110	0140	0170	0215	0260
COOLING CAPACITY	kW	63,28	71,52	77,84	96,08	111,3	137,72	169,5	215,2	257,3
NUMBER OF FREON CIRCUITS	No	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
NUMBER OF COMPRESSORS	No	4	4	-4	4	4	4	4	4	4
FANS NUMBER	No									
WATER FLOW RATE	1/h	10884	12301	13388	16525	19143	23684	29148	3:7016	44248
AIR FLOW RATE	m³/h	18896	21356	23:241	28689	33233	41115	50600	64260	76315
REFRIGERANT		R407C	R407C	R407C	R407C	R407C	R407C	R407C	R.407C	R407C
PRESSURE DROPS ON EVAPORATOR	bar	0,36	0,26	0,36	0,37	0,37	0,37	0,38	0,39	0,40
NOISE LEVEL	ďb	65	66	66	66	66	67	67	68	68
TOTAL INPUT POWER	kW	18,64	21,44	24,12	29,76	34,2	42,24	52	64,24	76,44
WEIGHT	kg	1145	1278	1330	1495	1535	1596	2376	3323	3537



MODEL		0165	0325	0490	0650	0810	0975	1140	1300
COOLING CAPACITY	kW	162,5	325	487,5	650	812,5	975	1137,5	1300
NUMBER OF FREON CIRCUITS	No	1	1/2	1/2	1/2	1/2	1/2	1/2	1/2
NUMBER OF COMPRESSORS	No	1	2	3	4	5	6	7	8
FANS NUMBER	No								
WATER FLOW RATE	l/h	27950	55900	83850	111800	139/750	167700	195650	223600
AIR FLOW RATE	m³/h	48524	97048	145572	194096	242.620	291144	339668	388192
REFRIGERANT		R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C
PRESSURE DROPS ON EVAPORATOR	bar	0,38	0,40	0,40	0,41	0,41	0,42	0,43	0,44
NOISE LEVEL	đb	67	68	68	68	68	68	68	68
TOTAL INPUT POWER	kW								
WEIGHT	kg								

MODEL		0010	0015	0020	0030	0035	0040	0050	0055	0060	0063	0065	0067
LOW NOISE VERSION	Т	•	•	•	•	•	•	•	•	•	•	•	•
HERMETIC COMPRESSOR	Н	•	•	•	•	•	•	•	•	•	•	•	•
SEMI-HERMETIC COMPRESSOR		•	•	•	•	•	•	•	•	•	•	•	•
AXIAL FANS	A	X	X	X	X	X	X	X	X	X	X	X	X
RADIAL FANS	R	•	•	•	•	•	•	•	•	•	•	•	•
REFRIGERANT R134A	1	•	•	•	•	•	•	•	•	•	•	•	•
REFRIGERANT R407C	2	X	X	X	X	X	X	X	X	X	X	X	X
REFRIGERANT R410A	3	•	•	•	•	•	•	•	•	•	•	•	•
PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT	P	•	•	•	•	•	•	•	•	•	•	•	•
FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT	L	•	•	•	•	•	•	•	•	•	•	•	•
TUBE HEAT EXCHANGER IN PRIMARY CIRCUIT	С	X	X	X	X	X	X	X	X	X	X	X	X
WITH PARTIAL RECUPERATORS	D	•	•	•	•	•	•	•	•	•	•	•	•
WITH TOTAL RECUPERATORS	M	•	•	•	•	•	•	•	•	•	•	•	•
WITH HYDRO BLOCK	В	•	•	•	•	•	•	•	•	•	•	•	•
REMOTE CONTROL PANEL	N	•	•	•	•	•	•	•	•	•	•	•	•
WITH REACTIVE POWER COMPENSATOR	J	•	•	•	•	•	•	•	•	•	•	•	•

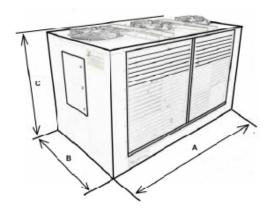
MODEL		0070	0071	0075	0080	0085	0095	0100	0105	0110	0125	0130	0140
LOW NOISE VERSION	T	•	•	•	•	•	•	•	•	•	•	•	•
HERMETIC COMPRESSOR	Н	•	•	•	•	•	•	•	•	•	•	•	•
SEMI-HERMETIC COMPRESSOR		•	•	•	•	•	•	•	•	•	•	•	•
AXIAL FANS	A	X	X	X	X	X	X	X	X	X	X	X	X
RADIAL FANS	R	•	•	•	•	•	•	•	•	•	•	•	•
REFRIGERANT R134A	1	•	•	•	•	•	•	•	•	•	•	•	•
REFRIGERANT R407C	2	X	X	X	X	X	X	X	X	X	X	X	X
REFRIGERANT R410A	3	•	•	•	•	•	•	•	•	•	•	•	•
PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT	P	•	•	•	•	•	•	•	•	•	٠	•	•
FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT	L	•		•	•	•	•		•	•	•	•	•
TUBE HEAT EXCHANGER IN PRIMARY CIRCUIT	С	X	X	X.	X	X	X	X	X	X	X	X	X
WITH PARTIAL RECUPERATORS	D	•	•	•	•	•	•	•	•	•	•	•	•
WITH TOTAL RECUPERATORS	M	•	•	•	•	•	•	•	•	•	•	•	•
WITH HYDRO BLOCK	В	•	•	•	•	•	•	•	•	•	•	•	٠
REMOTE CONTROL PANEL	N	•	•	•	•	•	•	•	•	•	•	•	•
WITH REACTIVE POWER COMPENSATOR.	J	•	•	•	•	•	•	•	•	•	•	•	•



MODEL		0160	0170	0190	0215	0260
LOW NOISE VERSION	Т	•	•	•	•	•
HERMETIC COMPRESSOR	H	•	•	•	•	•
SEMI-HERMETIC COMPRESSOR		•	•	•	•	•
AXIAL FANS	A	X	X	X	X	X
RADIAL FANS	R	•	•	•	•	•
REFRIGERANT R134A	1	•	•	•	•	•
REFRIGERANT R407C	2	X	X	X	X	X
REFRIGERANT R410A	3	•	•	•	•	•
PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT	P	•	•	•	•	•
FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT	L	•	•	•	•	•
TUBE HEAT EXCHANGER IN PRIMARY CIRCUIT	С	X	X	X	X	X
WITH PARTIAL RECUPERATORS	D	•	•	•	•	•
WITH TOTAL RECUPERATORS	M	•	•	•	•	•
WITH HYDRO BLOCK	В	•	•	•	•	•
REMOTE CONTROL PANEL	N	•	•	•	•	•
WITH REACTIVE POWER COMPENSATOR	J	•	•	•	•	•

#### X STANDARD

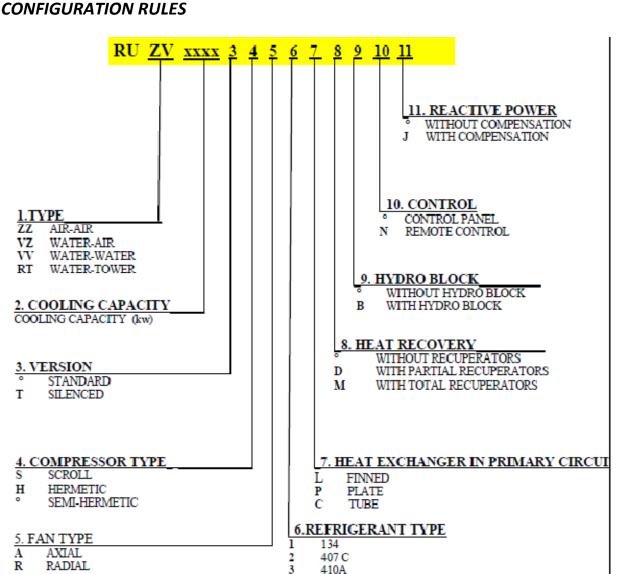
• ACCESSORIES



MODEL		0010	0015	0020	0030	0035	0040	0050	0055	0060	0063	0065	0067	0070	0071	0075
WIDTH A	m	1400	1400	1400	2200	2200	2200	2200	2200	2200	2200	2200	2200	2:200	2200	2200
DEPHT B	mm	800	800	800	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400
HEIGHT C	mm	1000	1000	1000	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600

MODEL		0080	0085	0095	0100	0105	0110	0125	0130	0140	0160	0170	0190	0215	0260
WIDTH A	mm	3500	3500	3500	3500	3500	3500	3500	3:500	3500	3500	3500	3500	3500	3500
DEPHT B	mm	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	18:00	1800	1800
HEIGHT C	mm	2300	2300	2300	2300	2300	2300	2300	2300	2300	2300	2300	2300	2300	2300





## Commercial code example:

#### RU ZV 0650SA2CMN

This is air to water chiller with 650 kW cooling capacity, standard version, with scroll compressors, axial fans, refrigerant 407 C, tube heat exchangers in primary circuit, with total recuperators, without hydro block, with remote control and without reactive power compensation.



# WATER TO WATER CHILLERS

MODEL		0020	0025	0030	0035	0045	0057	0068	0028	0040	0050	0060
COOLING CAPACITY	kW	20,76	25,60	29,66	36,73	45,02	57,19	68,15	28,46	41,52	51,2	59,32
NUMBER OF FREON CIRCUITS	No	1	1	1	1	1	1	1	1/2	1/2	1/2	1/2
NUMBER OF COMPRESSORS	No	1	1	1	1	1	1	1	2	2	2	2
WATER FLOW RATE IN PRIMARY CIRCUIT EXCHANGER	l/h	4300	5418	6268	7766	9527	12031	14357	6000	8600	10836	12536
WATER FLOW RATE IN SECONDARY CIRCUIT EXCHANGER	1/h	3570	4403	5101	6317	7743	9837	11722	4895	7141	8806	10203
REFRIGERANT		R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C
PRESSURE DROP ON PRIMARY CIRCUIT EXCHANGER	bar	0,35	0,35	0,35	0,35	0,36	0,36	0,36	0,35	0,36	0,36	0,36
PRESSURE DROP ON SECONDARY CIRCUIT EXCHANGER	bar	0,35	0,35	0,35	0,35	0,35	0,36	0,36	0,35	0,35	0,36	0,36
TOTAL INPUT POWER	kW	7,11	8,78	10,01	12,51	15,34	18,92	22,55	9,56	14,22	17,56	20,18
WEIGHT	kg	168	224	236	256	312	355	419	217	322	393	449
MODEL		0070	0000	0115	0136	00.13	0062	0075	0000	0110	0135	0170
MODEL COOLING CAPACITY	1-W	0070	0090	0115	0136	0043	0062	0075	0080	0110	0135	0170
COOLING CAPACITY	kW	73.46	90.04	114.38	136.3	42.69	62,28	76.8	88.98	110,19	135,06	171.57
COOLING CAPACITY NUMBER OF FREON CIRCUITS	No	73.46 1/2	90.04	114.38 1/2	136.3 1/2	42.69 1/2	62.28	76.8 1/2	88,98 1/2	110.19 1/2	135.06 1/2	171.57 1/2
COOLING CAPACITY		73.46	90.04	114.38	136.3	42.69	62,28	76.8	88.98	110,19	135,06	171.57
COOLING CAPACITY NUMBER OF FREON CIRCUITS	No	73.46 1/2	90.04	114.38 1/2	136.3 1/2	42.69 1/2	62.28	76.8 1/2	88,98 1/2	110.19 1/2	135.06 1/2	171.57 1/2
COOLING CAPACITY NUMBER OF FREON CIRCUITS NUMBER OF COMPRESSORS WATER FLOW RATE IN FRIMARY	No No	73.46 1/2 2	90.04 1/2 2	114.38 1/2 2	136.3 1/2 2	42.69 1/2 3	62.28 1/2 3	76.8 1/2 3	88.98 1/2 3	110.19 1/2 3	135.06 1/2 3	171.57 1/2 3
COOLING CAPACITY NUMBER OF FREON CIRCUITS NUMBER OF COMPRESSORS  WATER FLOW RATE IN PRIMARY CIRCUIT EXCHANGER WATER FLOW RATE IN SECONDARY	No No	73.46 1/2 2 15532	90.04 1/2 2 19054	114.38 1/2 2 24062	136.3 1/2 2 28714	42.69 1/2 3 9000	62.28 1/2 3	76.8 1/2 3 16254	88.98 1/2 3 18804	110.19 1/2 3 23298	135.06 1/2 3 28581	171.57 1/2 3 36093
COOLING CAPACITY NUMBER OF FREON CIRCUITS NUMBER OF COMPRESSORS  WATER FLOW RATE IN PRIMARY CIRCUIT EXCHANGER WATER FLOW RATE IN SECONDARY CIRCUIT EXCHANGER  REFRIGERANT	No No	73.46 1/2 2 15532	90.04 1/2 2 19054	114.38 1/2 2 24062	136.3 1/2 2 28714	42.69 1/2 3 9000	62.28 1/2 3	76.8 1/2 3 16254 13209	88.98 1/2 3 18804	110.19 1/2 3 23298	135.06 1/2 3 28581	171.57 1/2 3 36093
COOLING CAPACITY NUMBER OF FREON CIRCUITS NUMBER OF COMPRESSORS  WATER FLOW RATE IN PRIMARY CIRCUIT EXCHANGER WATER FLOW RATE IN SECONDARY CIRCUIT EXCHANGER	No No	73.46 1/2 2 15532 12634	90.04 1/2 2 19054 15488	114.38 1/2 2 24062 19673	136.3 1/2 2 28714 23444	42.69 1/2 3 9000 7342	62.28 1/2 3 12900 10710	76.8 1/2 3 16254 13209	88.98 1/2 3 18804 15303	110.19 1/2 3 23298 18951	135.06 1/2 3 28581 23229	171.57 1/2 3 36093 29511
COOLING CAPACITY NUMBER OF FREON CIRCUITS NUMBER OF COMPRESSORS  WATER FLOW RATE IN FRIMARY CIRCUIT EXCHANGER WATER FLOW RATE IN SECONDARY CIRCUIT EXCHANGER  REFRIGERANT PRESSURE DROP ON PRIMARY	No No l/h	73.46 1/2 2 15532 12634 R407C	90.04 1/2 2 19054 15488 R407C	114.38 1/2 2 24062 19673 R407C	136.3 1/2 2 28714 23444 R407C	42.69 1/2 3 9000 7342 R407C	62,28 1/2 3 12900 10710 R407C	76.8 1/2 3 16254 13209 R407C	88.98 1/2 3 18804 15303 R407C	110.19 1/2 3 23298 18951 R407C	135.06 1/2 3 28581 23229 R407C	171.57 1/2 3 36093 29511 R407C
COOLING CAPACITY NUMBER OF FREON CIRCUITS NUMBER OF COMPRESSORS WATER FLOW RATE IN PRIMARY CIRCUIT EXCHANGER WATER FLOW RATE IN SECONDARY CIRCUIT EXCHANGER REFRIGERANT PRESSURE DROP ON PRIMARY CIRCUIT EXCHANGER PRESSURE DROP ON SECONDARY	No No l/h l/h	73.46 1/2 2 15532 12634 R407C 0,36	90.04 1/2 2 19054 15488 R407C 0,37	114.38 1/2 2 24062 19673 R407C 0,38	136.3 1/2 2 28714 23444 R407C 0,38	42.69 1/2 3 9000 7342 R407C 0,36	62,28 1/2 3 12900 10710 R407C 0,36	76.8 1/2 3 16254 13209 R407C 0,37	88,98 1/2 3 18804 15303 R407C 0,37	110.19 1/2 3 23298 18951 R407C 0,37	135,06 1/2 3 28581 23229 R407C 0,38	171.57 1/2 3 36093 29511 R407C 0,39
COOLING CAPACITY NUMBER OF FREON CIRCUITS NUMBER OF COMPRESSORS WATER FLOW RATE IN PRIMARY CIRCUIT EXCHANGER WATER FLOW RATE IN SECONDARY CIRCUIT EXCHANGER REFRIGERANT PRESSURE DROP ON PRIMARY CIRCUIT EXCHANGER PRESSURE DROP ON SECONDARY	No No l/h l/h	73.46 1/2 2 15532 12634 R407C 0,36	90.04 1/2 2 19054 15488 R407C 0,37	114.38 1/2 2 24062 19673 R407C 0,38	136.3 1/2 2 28714 23444 R407C 0,38	42.69 1/2 3 9000 7342 R407C 0,36	62,28 1/2 3 12900 10710 R407C 0,36	76.8 1/2 3 16254 13209 R407C 0,37	88,98 1/2 3 18804 15303 R407C 0,37	110.19 1/2 3 23298 18951 R407C 0,37	135,06 1/2 3 28581 23229 R407C 0,38	171.57 1/2 3 36093 29511 R407C 0,39

MODEL		0205	0056	0085	0105	0120	0145	0180	0230	0270	
COOLING CAPACITY	kW	204,45	56,92	83,04	102,4	118,64	146,92	180	228,76	272,6	
NUMBER OF FREON CIRCUITS	No	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
NUMBER OF COMPRESSORS	No	3	4	4	4	4	4	4	4	4	
WATER FLOW RATE IN PRIMARY CIRCUIT EXCHANGER	l/h	43071	12000	17200	21672	25072	31064	38108	48124	57428	
WATER FLOW RATE IN SECONDARY CIRCUIT EXCHANGER	1/h	35166	9790	14280	17612	20404	25264	30972	39348	46888	
REFRIGERANT		R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R40/7C	
PRESSURE DROP ON PRIMARY CIRCUIT EXCHANGER	bar	0,40	0,36	0,37	0,37	0,38	0,38	0,39	0,41	0,43	
PRESSURE DROP ON SECONDARY CIRCUIT EXCHANGER	bar	0,39	0,36	0,36	0,37	0,37	0,38	0,38	0,39	0,41	
TOTAL INPUT POWER	kW	67,65	19,12	28,46	35,12	40,36	50,03	61,36	75,66	90,20	
WEIGHT	kg	1256	692	786	853	924	1057	12.04	1554	1792	



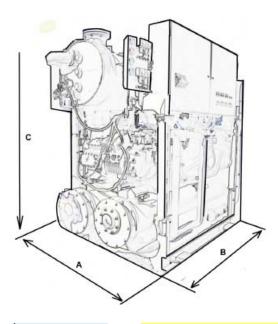
MODEL		0020	0025	0028	0030	0035	0040	0043	0045	0050	0056	0057	0060
HERMETIC COMPRESSOR	H	•	•	•	•	•	•	•	•	•	•	•	•
SEMI-HERMETIC COMPRESSOR.		•	•	•	•	•	•	•	•	•	•	•	•
REFRIGERANT R134A	1	•	•	•	•	•	•	•		•	•	•	•
REFRIGERANT R407C	2	X	X	X	X	X	X	X	X	X	X	X	X
REFRIGERANT R410A	3	•	•	•	•	•	•	•	•	•	•	•	•
PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT	P	•	•	•	•	•	•	•	•	•	•	•	•
FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT	L	•	•	•	•	•	•	•	•	•	•	•	•
TUBE HEAT EXCHANGER IN PRIMARY CIRCUIT	С	X	X	X	X	X	X	X	X	X	X	X	X
WITH PARTIAL RECUPERATORS	D	•	•	•	•	•	•	•	•	•	•	•	•
WITH TOTAL RECUPERATORS	M	•	•	•	•	•	•	•	•	•	•	•	•
REMOTE CONTROL PANEL	N	•	•	•	•	•	•	•	•	•	•	•	•
WITH REACTIVE POWER COMPENSATOR.	Ţ	•	•	•	•	•	•	•	•	•	•	•	•
MODEL		0062	0068	0070	0075	0080	0085	0090	0105	0110	0115	0120	0135
MODEL HERMETIC COMPRESSOR	Н	0062	0068	0070 •	0075 •	0080	0085	0090	0105	0110 •	0115	0120	0135
	Н												0200
HERMETIC COMPRESSOR	H	•	•	•	•	•	•	•	•	•	•	•	•
HERMETIC COMPRESSOR SEMI-HERMETIC COMPRESSOR	H 1 2	•	•	•	•	•	•	•	•	•	•	•	•
HERMETIC COMPRESSOR SEMI-HERMETIC COMPRESSOR REFRIGERANT R134A	1	•	•	•	•	•	•	•	:	:	•	•	•
HERMETIC COMPRESSOR SEMI-HERMETIC COMPRESSOR REFRIGERANT R134A REFRIGERANT R407C	1 2	• • • X	• • • X	• • • X	• • •	• • • X	• • • X	• • •	• • • X	• • • X	• • • X	• • •	• • • X
HERMETIC COMPRESSOR SEMI-HERMETIC COMPRESSOR REFRIGERANT R134A REFRIGERANT R407C REFRIGERANT R410A	1 2 3	• • X	• • • X	• • • X	• X	• • X	• • • X	• • • X	• • X	• • X	• • X	• • X	• • X
HERMETIC COMPRESSOR  SEMI-HERMETIC COMPRESSOR  REFRIGERANT R134A  REFRIGERANT R407C  REFRIGERANT R410A  PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT	1 2 3 p	• • • •	• • • • •	• • • •	• • • •	• X	• • • X	• • • •	• • • •	· · · · · · · · · · · · · · · · · · ·	• • • X	• • • •	X
HERMETIC COMPRESSOR  SEMI-HERMETIC COMPRESSOR  REFRIGERANT R134A  REFRIGERANT R407C  REFRIGERANT R410A  PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT	1 2 3 p L	X	• X	X	• X	X	X	· X	×	X	X	· X	X
HERMETIC COMPRESSOR  SEMI-HERMETIC COMPRESSOR  REFRIGERANT R134A  REFRIGERANT R407C  REFRIGERANT R410A  PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT  FUNNED HEAT EXCHANGER IN PRIMARY CIRCUIT  TUBE HEAT EXCHANGER IN PRIMARY CIRCUIT	1 2 3 P L	• X	• X	• X	*     X	· X	• • · · · · · · · · · · · · · · · · · ·	• X	• X	X X	• • · · · · · · · · · · · · · · · · · ·	• X	x ·
HERMETIC COMPRESSOR  SEMI-HERMETIC COMPRESSOR  REFRIGERANT R134A  REFRIGERANT R407C  REFRIGERANT R410A  PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT  FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT  TUBE HEAT EXCHANGER IN PRIMARY CIRCUIT  WITH PARTIAL RECUPERATORS	1 2 3 P L C	X X	· X	X X	X X	X X	· X	X · · · · · · · · · · · · · · · · · · ·	× × × × ×	X X	X  X  X	· X	• X

MODEL		0136	0145	0170	0180	0205	0230	0270
HERMETIC COMPRESSOR	Н	•	•	•	•	•	•	•
SEMI-HERMETIC COMPRESSOR		•	•	•	•	•	•	•
REFRIGERANT R134A	1	•	•	•	•	•	•	•
REFRIGERANT R407C	2	X	X	X	X	X	X	X
REFRIGERANT R410A	3	•	•	•	•	•	•	•
PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT	P	•	•	•	•	•	•	•
FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT	L	•	•	•	•	•	•	•
TUBE HEAT EXCHANGER IN PRIMARY CIRCUIT	С	X	X	X	X	X	X	X
WITH PARTIAL RECUPERATORS	D	•	•	•	•	•	•	•
WITH TOTAL RECUPERATORS	M	•	•	•	•	•	•	•
REMOTE CONTROL PANEL	N	•	•	•	•	•	•	•
WITH REACTIVE POWER COMPENSATOR	J	•	•	•	•	•	•	•

#### X STANDARD

• ACCESSORIES

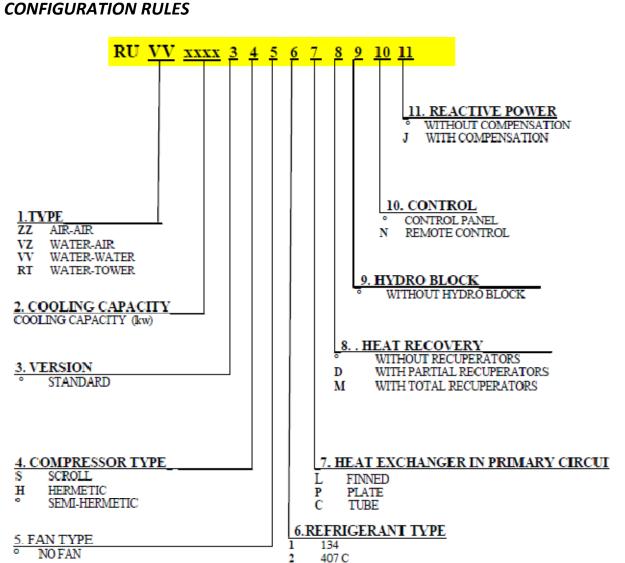




MODEL		0020	0025	0028	0030	0035	0040	0043	0045	0050	0056	0057	0060	0062	0068	0070	0075
WIDTH A	mm	1650	1.650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
DEPHT B	mm	550	550	550	550	550	550		550	550	550	550	750	750	750	750	750
HEIGHT C	mm	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250	1400	1400	1400	1400	1400

MODEL		0080	0085	0090	0105	0110	0115	01.20	0135	0136	0145	0170	0180	0205	0230	0270
WIDTH A	mm	1650	2050	2050									3050	3050	3050	3050
DEPHT B	mm	750		750				750						880		880
HEIGHT C	mm	1400	1400	1400	1400	1400	1600	1600	1600	1600	1600	1700	1700	1700	1700	1700





Commercial code example:

#### **RU VV 0650 S2CMN**

This is water to water chiller with 650 kW cooling capacity, standard version, with scroll compressors, refrigerant 407 C, tube heat exchanger in primary circuit, with total recuperators, without hydro block, with remote control and without reactive power compensation.

410A



# REVERSIBLE AIR TO AIR CHILLERS

MODEL		0010	0015	0020	0030	0035	0040	0050	0065	0055	0070
COOLING CAPACITY	kW	10,78	15,82	19,46	27,83	34,43	42,37	53,81	64,32	55,66	68,86
HEATING CAPACITY											
NUMBER OF FREON CIRCUITS	No	1	1	1	1	1	1	1	1	1/2	1/2
NUMBER OF COMPRESSORS/CIRCUITS	No	1	1	1	1	1	1	1	1	2	2
AIR FLOW RATE ON AGGREGATE UNIT	m³/h	3219	6013	7398	10580	13088	16108	20455	24450	21160	26176
AIR FLOW RATE ON EVAPORATOR UNIT	m³/h	3219	6013	7398	10580	13088	16108	20455	24450	21160	26176
MAXIMUM DISTANCE	n	50	50	50	50	50	50	50	50	50	50
MAXIMUN ALTITUDE	n	12	12	12	12	12	12	12	12	12	12
REFRIGERANT		R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R4070
NOISE LEVEL	ďɔ	65	65	65	65	65	65	65	66	66	66
TOTAL INPUT POWER	kW	3,32	4,66	6,03	8,55	10,55	13	16,03	10,11	17,1	21,12
WEIGHT	kg	166	169	327	398	459	512	564	645	670	705
MODEL		0085	0105	0130	0060	0067	0080	0100	0125	0160	0190
COOLING CAPACITY	kW	84,74	107.62	128.64	58.38	67,32	83,49	103.29	127,11	161,43	192,96
HEATING CAPACITY	211	01,71	107,02	120,01	30,30	07,52	65,15	103,25	127,11	101,45	172,71
NUMBER OF FREON CIRCUITS	No	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
NUMBER OF COMPRESSORS/CIRCUITS	No	2	2	2	3	3	3	3	3	3	3
		-								<del></del>	_
AIR FLOW RATE ON AGGREGATE UNIT	m³/h	32216	40910	48900	12630	20102	32604	40338	49641	63000	75357
AIR FLOW RATE ON EVAPORATOR UNIT	m³/h	32216	40910	48900	12630	20102	32604	40338	49641	63000	75357
MAXIMUM DISTANCE	m	50	50	50	50	50	50	50	50	50	50
MAXIMUM ALTITUDE	m	12	12	12	12	12	12	12	12	12	12
REFRIGERANT		R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R4070
NOISE LEVEL	ďb	66	67	67	66	66	66	67	67	67	67
											-
TOTAL INPUT POWER	kW	26	32.06	38.22	18.09	22,32	25,65	31.8	39	48.09	57,33
WEIGHT	kg	890	1075	1137	897	916	1118	1215	1290	1870	2656
	-5					_			_	_	_
MODEL		0063	0071	0075	0095	0110	014	0 017	0 021	5 026	50
COOLING CAPACITY	kW	63,28	71,52	77,84	96,08	111,3	3 137,7	2 169,	5 215	,2 257	.3
HEATING CAPACITY											
NUMBER OF FREON CIRCUITS	No	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2
NUMBER OF COMPRESSORS/CIRCUITS	No	4	4	4	4	4	4	4	4	4	$\neg$
											$\neg$
AIR FLOW RATE ON AGGREGATE UNIT	m³/h	18896	21356	23241	28689	3323	3 4111	5 5060	0 6420	60 763	15
AIR FLOW RATE ON EVAPORATOR UNIT	m³/h	18896	21356	23241	28689	3323	3 4111	5 5060	0 6426	60 763	15
			1						$\top$		$\neg$
MAXIMUM DISTANCE	m	50	50	50	50	50	50	50	50	50	
MAXIMUM ALTITUDE	m	12	12	12	12	12	12	12	12	12	
	_	+	+	+	+	+	+	+	<del></del>		$\dashv$
REFRIGERANT		R407C	R4070	R4070	C R4070	C R407	C R407	C R407	C R40	7C R40	7C
NOISE LEVEL	ďb	66	66	66	66	67	67	67		-	_
	-	-	-	-	-		- "				$\dashv$
TOTAL INPUT POWER	kW	18.64	21,44	24,12	29,76	34,2	42,24	4 52	64,2	4 76,4	14
WEIGHT	kg	1072	1195	_	_	_	_	-	_	_	_
WEIGHT	ΔĞ	1072	1193	1240	1363	1400	1730	21/5	307	2 323	



MODEL		0010	0015	0020	0030	0035	0040	0050	0055	0060	0063	0065	0067
LOW NOISE VERSION	Т	•	•	•	•	•	•	•	•	•	•	•	•
HERMETIC COMPRESSOR	Н	٠			•	٠	•	•		٠	٠	•	
SEMI-HERMETIC COMPRESSOR.		•	•	•	•	•	•	•	•	•	•	•	•
AXIAL FANS	A	X	X	X	X	X	X	X	X	X	X	X	X
RADIAL FANS	R	•	•	•	•	•	•	•	•	•	•	•	•
REFRIGERANT R134A	1	•	•	•	•	•	•	•	•	•	•	•	•
REFRIGERANT R407C	2	X	X	X	X	X	X	X	X	X	X	X	X
REFRIGERANT R410A	3	•	•	•	•	•	•	•	•	•	•	•	•
PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT	P	•	•	•	•	•	•	•		•	•	•	•
FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT	L	•	•	•	•	•	•	•	•	•	•	•	•
TUBE HEAT EXCHANGER IN PRIMARY CIRCUIT	С	X	X	Х	X	X	X	X	Х	X	X	X	X
WITH PARTIAL RECUPERATORS	D	•	•	•	•	•	•	•	•	•	•	•	•
WITH TOTAL RECUPERATORS	M	•	•	•	•	•	•	•	•	•	•	•	•
WITH HYDRO BLOCK	В	•	•	•	•	•	•	•	•	•	•	•	•
REMOTE CONTROL PANEL	N	•	•	•	•	•	•	•	•	•	•	•	•
WITH REACTIVE POWER COMPENSATOR.	J	•	•	•	•	•	•	•		•	•	•	•
MODEL		0070	0071	0075	0080	0085	0095	0100	0105	0110	0125	0130	0140
		00.0				0000							
LOW NOISE VERSION	T	•	•	•	•	•	•	•	•	•	•	•	•
HERMETIC COMPRESSOR	Н	•	•	•	•	•	•	•	•	•	•	•	•
SEMI-HERMETIC COMPRESSOR		•	•	•	•	•	•	•	•	•	•	•	•
AXIAL FANS	A	X	X	X	X	X	X	X	Х	X	X	X	X
RADIAL FANS	R.	•	•	•	•	•	•	•	•	•	•	•	•
REFRIGERANT R134A	1	•	•	•	•	•	•	•	•	•	•	•	•
REFRIGERANT R407C	2	X	X	X	X	X	X	X	X	X	X	X	X
REFRIGERANT R410A	3	•	•	•	•	•	•	•	•	•	•	•	•
PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT	P	•	•	•	•	•	•	•	•	•	•	•	•
FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT	L	•	•	•	•	•	•	•	•	•	•	•	•
TUBE HEAT EXCHANGER IN PRIMARY CIRCUIT	С	X	X	X	X	X	X	X	X	X	X	X	X.
WITH PARTIAL RECUPERATORS	D	•	•	•	•	•	•	•	•	•	•	•	•
WITH TOTAL RECUPERATORS	M	•	•	•	•	•	•	•	•	•	•	•	•
WITH HYDRO BLOCK	В	•	•	•	•	•	•	•	•	•	•	•	•
REMOTE CONTROL PANEL	N	•	•	•	•	•	•	٠	•	•	•	•	•
		I -			_	•		•			•		
WITH REACTIVE POWER COMPENSATOR.	J	•	•	•	•	•	•	•	•	•	•	•	_
WITH REACTIVE POWER COMPENSATOR  MODEL	1	0160		0190		0260			-	•	•	•	

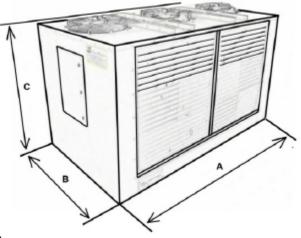
MODEL		0160	0170	0190	0215	0260
LOW NOISE VERSION	T	•	•	•	•	•
HERMETIC COMPRESSOR	Н	•	•	•	•	•
SEMI-HERMETIC COMPRESSOR		•	•	•	•	•
AXIAL FANS	A	X	X	X	X	X
RADIAL FANS	R	•	•	•	•	•
REFRIGERANT R134A	1	•	•	•	•	•
REFRIGERANT R407C	2	X	X	X	X	X
REFRIGERANT R410A	3	•	•	•	•	•
PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT	P	•	•	•	•	•
FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT	L	•	•	•	•	•
TUBE HEAT EXCHANGER IN PRIMARY CIRCUIT	С	X	X	X	X	X
WITH PARTIAL RECUPERATORS	D	•	•	•	•	•
WITH TOTAL RECUPERATORS	M	•	•	•	•	•
WITH HYDRO BLOCK	В	•	•	•	•	•
REMOTE CONTROL PANEL	N	•	•	•	•	•
WITH REACTIVE POWER COMPENSATOR	J	•	•	•	•	•

#### X STANDARD

#### • ACCESSORIES

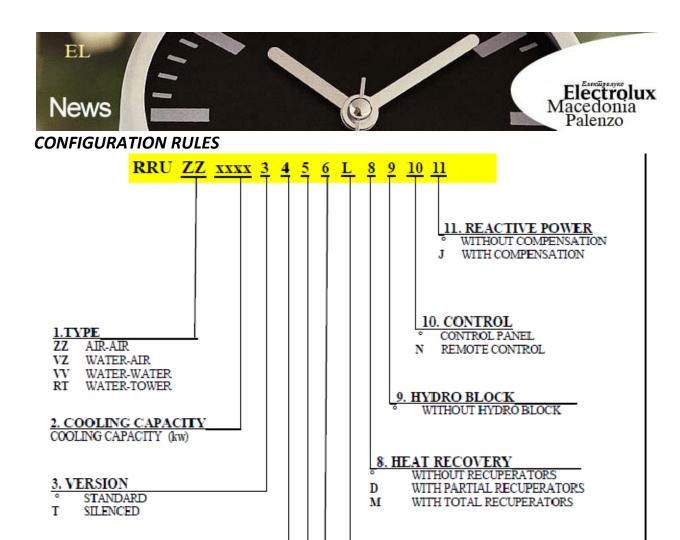






MODEL		0010	0015	0020	0030	0035	0040	0050	0055	0060	0063	0065	0067	0070	0071	0075
WIDTH A	mm	1400	1400	1400	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
DEPHT B	mm	800	800	800	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400
HEIGHT C	mm	1000	1000	1000	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600

MODEL		0080	0085	0095	0100	0105	0110	0125	0130	0140	0160	0170	0190	0215	0260
WIDTH A	mm	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500
DEPHT B	mm	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
HEIGHT C	mm	2300	2300	2300	2300	2300	2300	2300	2300	2300	2300	2300	2300	2300	2300



# SEMI-HERMETIC

4. COMPRESSOR TYPE

SCROLL

HERMETIC

5. FAN TYPE AXIAL. Α

Η

RADIAL

6.REFRIGERANT TYPE

FINNED

134 407 C 2

410A

#### Commercial code example:

#### RRU ZZ 0650TA2LMN

This is reversible air to air chiller with 650 kW cooling capacity, silenced version, with semihermetic compressors, axial fans, refrigerant 407 C, finned heat exchanger in primary circuit, with total recuperators, without hydro block, with remote control and without reactive power compensation.

7. HEAT EXCHANGER IN PRIMARY CIRCUI



# REVERSIBLE AIR TO WATER CHILLERS

MODEL		0010	0015	0020	0030	0035	0040	0050	0065	0055	0070
COOLING CAPACITY	kW	10.78	15,82	19.46	27.83	34,43	42.37	53.81	64.32	55.66	68.86
HEATING CAPACITY	kW	11.45	16.74	20.91	29.81	36.7	45.48	56.97	68.36	59,62	73,4
NUMBER OF FREON CIRCUITS	No	1	1	1	1	1	1	1	1	1/2	1/2
NUMBER OF COMPRESSORS/CIRCUITS	No	1	1	1	1	1	1	1	1	2	2
FANS NUMBER	No	1	1	1	1	2	2	2	2	2	3
PANSINGRIBER	140	-	· ·	<u> </u>							,
WATER FLOW RATE	1/h	1969	2879	3596	5962	6312	7822	9799	13670	11924	12624
AIR FLOW RATE	m²/h	4098	6013	7398	10580	13088	16108	20455	24450	21160	26176
			****	1272				20122	211120		20110
REFRIGERANT		R407C	R407C	R407C	R407C	R407C	R407C	R407C	R.407C	R407C	R407C
EVAPORATOR PRESSURE DROP	bar	0.35	0.35	0.35	0.35	0.35	0.35	0.36	0.36	0.36	0.36
NOISE LEVEL	db	65	65	65	65	65	65	66	66	66	66
THOUSE ELVEE	40	0.5	- 03	- 0,	- 03	0.5	0,5				-00
TOTAL INPUT POWER	kW	3.32	4.66	6.03	8.55	10,56	13	16.03	19.11	17.1	21.12
WEIGHT	kg	178	187	3.49	430	499	561	626	719	734	785
	45	1/0	107	3/43	430	199	301	020		734	703
MODEL		0085	0105	0130	0060	0067	0080	0100	0125	0160	0190
COOLING CAPACITY	kW	84,74	107,62	128,64	58,38	67,32	83,49	103,29	127,11	161,43	192,96
HEATING CAPACITY	kW	90,96	113,94	136,72	62,73	77,37	89,43	110,1	136,44	170,9	205
NUMBER OF FREON CIRCUITS	No	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
NUMBER OF COMPRESSORS/CIRCUITS	No	2	2	2	3	3	3	3	3	3	3
FANS NUMBER	No	3	3	-4							
WATER FLOW RATE	1/h	15644	19598	27340	10788	13307	17886	18936	23466	29397	41010
AIR FLOW RATE	m³/h	32216	40910	48900	12630	20102	32604	40338	49641	63000	75357
REFRIGERANT		R407C	R407C	R407C	R407C	R407C	R407C	R407C	R.407C	R407C	R407C
EVAPORATOR PRESSURE DROP	bar	0,36	0,37	0,38	0,36	0,36	0,37	0,37	0,37	0,38	0,39
NOISE LEVEL	db	66	67	68	65	66	66	67	67	68	68
TOTAL INPUT POWER	kW	26	32,06	38,22	18,09	22,32	25,65	31,8	39	48,09	57,33
WEIGHT	kg	988	1200	1287	964	994	1312	1318	1438	2058	2880
MODEL		0063	0071	0075	0095	0110	0140	0170	0215	0260	0165
COOLING CAPACITY	kW	63,28	71,52	77,84	96,08	111,3	137,72	169,5	215,2	257,3	162,5
HEATING CAPACITY	kW	66.96	75,36	83,64	103,16	119,24	146.8	181.9	227.9	273.4	158,25
NUMBER OF FREON CIRCUITS	No	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1
NUMBER OF COMPRESSORS/CIRCUITS	No	4	4	-4	4	4	4	4	4	4	1
FANS NUMBER	No										
WATER FLOW RATE	1/h	11516	12961	14384	17743	23848	25248	31288	39196	54680	27950
AIR FLOW RATE	m³/h	18896	21356		28689	33233	41115	50600	64260	76315	48524
REFRIGERANT		R407C	R407C	R407C	R407C	R407C	R407C	R407C	R.407C	R407C	R407C
EVAPORATOR PRESSURE DROP	bar	0.36	0.36	0,36	0.36	0.37	0.38	0.38	0.39	0,40	0.38
NOISE LEVEL	db	65	66	66	66	66	67	67	68	68	67
TOTAL INPUT POWER	kW	18.64	21,44	24,12	29.76	34.2	42.24	52	64.24	76.44	
WEIGHT	kg	1145	1278	1330	1495	1535	1596	2376	3323	3537	1630



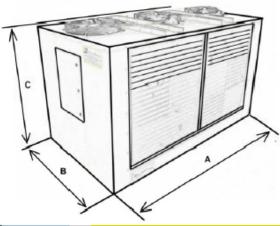
MODEL		0325	0490	0650	0810	0975	1140	1300
COOLING CAPACITY	kW	325	487,5	650	812,5	975	1137,5	1300
HEATING CAPACITY	kW	316,5	474,75	633	791,25	949	1107,2	1266
NUMBER OF FREON CIRCUITS	No	1/2	1/2	1/2	1/2	1/2	1/2	1/2
NUMBER OF COMPRESSORS/CIRCUITS	No	2	3	4	5	6	7	8
FANS NUMBER	No							
WATER FLOW RATE	l/h	55900	83850	111800	139/750	167700	195650	223600
AIR FLOW RATE	m³/lh	97048	145572	194096	242.620	291144	339668	388192
REFRIGERANT		R407C	R407C	R407C	R407C	R407C	R407C	R407C
EVAPORATOR PRESSURE DROP	bar	0,40	0,40	0,41	0,41	0,42	0,43	0,44
NOISE LEVEL	ďb	68	68	68	68	68	68	68
TOTAL INPUT POWER	kW							
WEIGHT	kg	4043						

MODEL		0010	0015	0020	0030	0035	0040	0050	0055	0060	0063	0065	0067
LOW NOISE VERSION	Т	•	•	•	•	•	•	•	•	•	•	•	•
HERMETIC COMPRESSOR	н		•		•	•	•	•	•	•	•	•	•
SEMI-HERMETIC COMPRESSOR.		•	•	•	•	•	•	•	•	•	•	•	•
AXIAL FANS	A	X	X	X	X	X	X	X	X	X	X	X	X
RADIAL FAINS	R	•	•	•	•	•	•	•	•	•	•	•	•
REFRIGERANT R134A	1	•	•	•	•	•	•	•	•	•	•	•	•
REFRIGERANT R407C	2	X	X	X	X	X	X	X	X	X	X	X	X
REFRIGERANT R410A	3	•	•	•	•	•	•	•	•	•	•	•	•
PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT	P	•	•	•	•	•	•	•	•	•	•	•	•
FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT	L	•	•	•	•	•	•	•	•	•	•	•	•
TUBE HEAT EXCHANGER IN PRIMARY CIRCUIT	С	X	X	Х	X	X	X	X	X	X	X	Х	X
WITH PARTIAL RECUPERATORS	D	•	•	•	•	•	•	•	•	•	•	•	•
WITH TOTAL RECUPERATORS	M	•	•	•	•	•	•	•	•	•	•	•	•
WITH HYDRO BLOCK	В	•	•	•	•	•	•	•	•	•	•	•	•
REMOTE CONTROL PANEL	N	•	٠	•	•	•	•	•	•	•	•	•	•
WITH REACTIVE POWER COMPENSATOR.	J	•	•	•	•	•	•	•	•	•	•	•	•
MODEL		0010	0015	0020	0030	0035	0040	0050	0055	0060	0063	0065	0067
LOW NOISE VERSION	Т	•	•	•	•	•	•	•	•	•	•	•	•
HERMETIC COMPRESSOR													
HERMETIC COMPRESSOR	Н	•	•	•	•	•	•	•	•	•	•	•	•
SEMI-HERMETIC COMPRESSOR	Н	•	•	•	•	•	:	•	•	•	•	•	•
	A						_			_			
SEMI-HERMETIC COMPRESSOR		•	•	•	•	•	•	•	•	•	•	•	•
SEMI-HERMETIC COMPRESSOR AXIAL FANS	A	• X	• X	• X	• X	• X							
SEMI-HERMETIC COMPRESSOR AXIAL FANS RADIAL FANS	A	X •	X •	X	X	X	X •	X •	X •	X	X •	X •	X
SEMI-HERMETIC COMPRESSOR AXIAL FANS RADIAL FANS REFRIGERANT R134A	A R	X •	X •	X	X •	X	X •	X •	X •	X •	X •	X •	X
SEMI-HERMETIC COMPRESSOR  AXIAL FANS  RADIAL FANS  REFRIGERANT R134A  REFRIGERANT R407C	A R 1	X  · X	• X • • X	• X	• X • • X	X  · X	• X • • X	• X • • X	X • • X	X • • X	• X • • X	• X • • X	• X
SEMI-HERMETIC COMPRESSOR  AXIAL FANS  RADIAL FANS  REFRIGERANT R134A  REFRIGERANT R407C  REFRIGERANT R410A  PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT	A R 1 2 3	X  X  X	X  X  X	X • X	• X • X	• X • X	• X • X • X	• X • X • X	X • X	X • X	• X • X • X	X • X	X • • X
SEMI-HERMETIC COMPRESSOR  AXIAL FANS  RADIAL FANS  REFRIGERANT R134A  REFRIGERANT R407C  REFRIGERANT R410A  PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT	A R 1 2 3 P	X  X  X	• X • X • • • • • • • • • • • • • • • •	• X • X	• X • X	X  X  X	• X • X	• X • X • • • • • • • • • • • • • • • •	* X * * X * * * * * * * * * * * * * * *	X  X  X	* X * * X * * * * * * * * * * * * * * *	* X * * X * * * * * * * * * * * * * * *	X
SEMI-HERMETIC COMPRESSOR  AXIAL FANS  RADIAL FANS  REFRIGERANT R134A  REFRIGERANT R407C  REFRIGERANT R410A  PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT	A R 1 2 3 P L	* X * * X * * * * * * * * * * * * * * *	* X * * * * * * * * * * * * * * * * * *	* X * * X * * * * * * * * * * * * * * *	* X * * X * * * * * * * * * * * * * * *	* X * * X * * * * * * * * * * * * * * *	X  X  X	* X * * X * * * * * * * * * * * * * * *	* X * * * * * * * * * * * * * * * * * *	X  X  X	X	* X * * * * * * * * * * * * * * * * * *	X • X
SEMI-HERMETIC COMPRESSOR  AXIAL FANS  RADIAL FANS  REFRIGERANT R134A  REFRIGERANT R407C  REFRIGERANT R410A  PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT TUBE HEAT EXCHANGER IN PRIMARY CIRCUIT WITH PARTIAL RECUPERATORS  WITH TOTAL RECUPERATORS	A R 1 2 3 P L C D	x	* X * * * * * * * * * * * * * * * * * *	* X * * * * * * * * * * * * * * * * * *	X X X	X  X  X  X  X	* X * * X * * * * * * * * * * * * * * *	* X * * X * * * * * * * * * * * * * * *	* X * * * * * * * * * * * * * * * * * *	X X X	* X * * X * * * * * * * * * * * * * * *	* X * * * * * * * * * * * * * * * * * *	X X X
SEMI-HERMETIC COMPRESSOR  AXIAL FANS  RADIAL FANS  REFRIGERANT R134A  REFRIGERANT R407C  REFRIGERANT R410A  PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT TUBE HEAT EXCHANGER IN PRIMARY CIRCUIT WITH PARTIAL RECUPERATORS	A R 1 2 3 P L C D	* X * * * * * * * * * * * * * * * * * *	* X * * * * * * * * * * * * * * * * * *	* X * * * * * * * * * * * * * * * * * *	* X * * * * * * * * * * * * * * * * * *	* X * * * * * * * * * * * * * * * * * *	* X * * * * * * * * * * * * * * * * * *	* X * * * * * * * * * * * * * * * * * *	* X * * * * * * * * * * * * * * * * * *	X X X	* X * * * * * * * * * * * * * * * * * *	* X * * * * * * * * * * * * * * * * * *	X  X  X  X  X
SEMI-HERMETIC COMPRESSOR  AXIAL FANS  RADIAL FANS  REFRIGERANT R134A  REFRIGERANT R407C  REFRIGERANT R410A  PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT TUBE HEAT EXCHANGER IN PRIMARY CIRCUIT WITH PARTIAL RECUPERATORS  WITH TOTAL RECUPERATORS	A R 1 2 3 P L C D	* X * * * * * * * * * * * * * * * * * *	* X * * * * * * * * * * * * * * * * * *	* X * * * * * * * * * * * * * * * * * *	* X * * * * * * * * * * * * * * * * * *	* X * * * * * * * * * * * * * * * * * *	* X * * * * * * * * * * * * * * * * * *	* X * * * * * * * * * * * * * * * * * *	• X • • • X • • • X • • • • • • • • • •	X  X  X  X  X	* X * * * * * * * * * * * * * * * * * *	• X • • • • • • • • • • • • • • • • • •	X  X  X  X  X



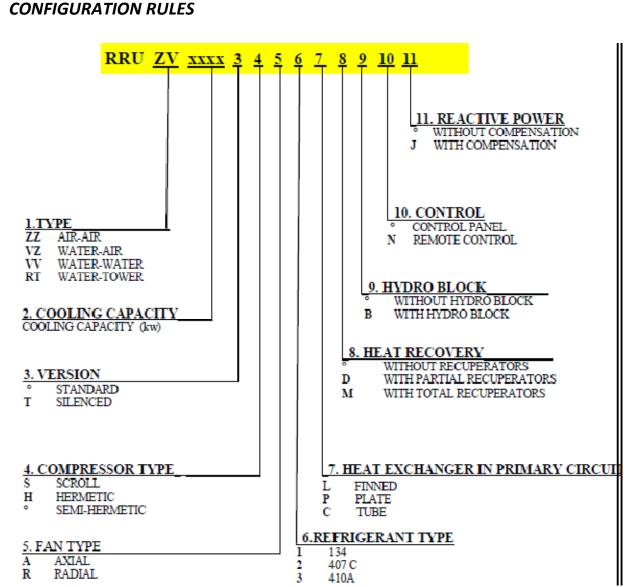
#### X STANDARD

• ACCESSORIES



MODEL		0010	0015	0020	0030	0035	0040	0050	0055	0060	0063	0065	0067	0070	0071	0075
WIDTH A	mm	1400	1.400	1400	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
DEPHT B	mm	8:00	800	800	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400	1400
HEIGHT C	mm	1000	1000	1000	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600

MODEL		0080	0085	0095	0100	0105	0110	0125	0130	0140	0160	0170	0190	02:15	0260
WIDTH A.	mm	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	3500	35/00	3500
DEPHT B	mm	1800	1800	1800	1800	1.800	1800	1800	1800	1800	1800	1800	1800	1800	1800
HEIGHT C	mm	2300	2300	2300	2300	2:300	2300	2300	2300	2300	2300	2300	2300	23/00	2300



#### Commercial code example:

#### RRU ZV 0650SA2CMN

This is reversible air to water chiller with 650 kW cooling capacity, standard type, with scroll compressors, akxial fans, refrigerant 407 C, tube heat exchanger in primary circuit, with total recuperators, without hydro block, with remote control and without reactive power compensation.

MODEL			0020	0025	0030	0035	0045	0057	0068	0028	0040	0050
COOLING CAPACITY		kW	20.76	25.60	29.66	36.73	45.02	57.19	58.15	28.46	41.52	51.2
HEATING CAPACITY		kW	24.2	29,87	34.54	42.61	52,66	66.28	79.34	32.92	48.4	59.74
NUMBER OF FREON CIRCUITS		No	1	1	1	1	1	1	1	1/2	1/2	1/2
NUMBER OF COMPRESSORS/CIRCUITS		No	1	1	1	1	1	1	1	2	2	2
Troubble of Bonk Lawrence Clieb				-	-	-	•	-	-	-		
WATER FLOW RATE IN PRIMARY CIRC EXCHANGER	UTT	l/h	4152	5138	5941	7329	9057	11400	13646	5662	8325	10276
WATER FLOW RATE IN SECONDARY CIT	RCUIT	1/h	4300	5418	6268	7766	9527	12031	14357	6000	8600	10836
EXCHANGER											$\overline{}$	
REFRIGERANT			R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C
PRESSURE DROP ON PRIMARY CIRCUT EXCHANGER	ī	bar	0,35	0,35	0,35	0,35	0,36	0,36	0,36	0,35	0,36	0,36
PRESSURE DROP ON SECONDARY CIRC EXCHANGER	UIT	bar	0,35	0,35	0,35	0,35	0,35	0,36	0,36	0,35	0,35	0,36
TOTAL INPUT POWER		kW	7,11	8,78	10,01	12,51	15,34	18,92	22,55	9,56	14,22	17,56
WEIGHT		kg	168	224	236	256	312	355	419	217	322	393
MODEL			0060	0070	0090	0115	0136	0043	0062	0075	0080	0110
COOLING CAPACITY		kW	59.32	73.46	90.04	114.38	136.3	42.69	62.28	76.8	88.98	110.19
HEATING CAPACITY		kW	69.08	85.23	105.32	132.56	158.68	49.38	72.60	89.61	103.62	127,83
NUMBER OF FREON CIRCUITS		No	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
NUMBER OF COMPRESSORS/CIRCUITS		No	2	2	2	2	2	3	3	3	3	3
NOMBER OF COMPRESSORS/CIRCOITS		140	-	-	-	-	-	,	,	,	,	
WATER FLOW RATE IN PRIMARY CIRCU	пт											
EXCHANGER WATER FLOW RATE IN SECONDARY CIT		1/h	11881	14658 15532	18114	22800	27292	8493 9000	12486 12900	15414 16254	17823 18804	21987
EXCHANGER		l/h	12550	15552	19054	24002	28/14	9000	12900	10254	18804	23298
REFRIGERANT			R407C	R407C	R407C	F407C	R407C	R407C	R407C	R407C	R407C	R407C
PRESSURE DROP ON PRIMARY CIRCUIT EXCHANGER		bar	0,36	0,36	0,37	0,38	0,38	0,36	0,36	0,37	0,37	0,37
PRESSURE DROP ON SECONDARY CIRC EXCHANGER	UIT	bar	0,36	0,36	0,36	0,37	0,37	0,35	0,36	0,36	0,36	0,37
TOTAL INPUT POWER		kW	20,18	25,03	30.68	37,76	45.10	14.34	21,35	26.34	30.27	37,52
WEIGHT		kg	449	489	542	680	820	367	413	471	583	710
MODEL		0135	0170	0205	0056	0085	0105	0120	0145	0180	0230	0270
COOLING CAPACITY	kW	135,06	171,57	204,45	56,92	83,04	102,4	118,64	146,92	180	228,76	272,6
HEATING CAPACITY	kW	160,0	198,6	238,0								
NUMBER OF FREON CIRCUITS	No	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
NUMBER OF COMPRESSORS/CIRCUITS	No	3	3	3	4	4	4	4	4	4	4	4
WATER FLOW RATE IN PRIMARY CIRCUIT EXCHANGER	l/h	27171	34200	40938	12000	17200	21672	25072	31064	38108	48124	57428
WATER FLOW RATE IN SECONDARY CIRCUIT EXCHANGER	l/h	28581	36093	43071	9790	14280	17612	20404	25264	30972	39348	46888
REFRIGERANT		R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C
PRESSURE DROP ON PRIMARY CIRCUIT EXCHANGER	bar	0,38	0,39	0,40	0,36	0,37	0,37	0,38	0,38	0,39	0,41	0,43
PRESSURE DROP ON SECONDARY CIRCUIT EXCHANGER	bar	0,37	0,38	0,39	0,36	0,36	0,37	0,37	0,38	0,38	0,39	0,41
TOTAL DIDLE BOURS	1.7**	16.00		67.00	10.10	20.40	20.10	40.30	50.05	61.26	20.00	00.00
TOTAL INPUT POWER	kW	46,02	56,75	67,65	19,12	28,46	35,12	40,36	50,03	61,36	75,66	90,20
WEIGHT	kg	930	1079	1256	692	786	853	924	1057	1204	1554	1792



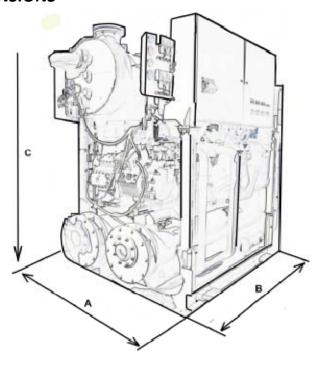
MODEL		0000	0005	0000	0020	0025	00.40	00.42	00.45	0.050	0056	00.55	00.50
MODEL		0020	0025	0028	0030	0035	0040	0043	0045	0050	0056	0057	0060
HERMETIC COMPRESSOR	H	•	•	•	•	•	•	•	•	•	•	•	•
SEMI-HERMETIC COMPRESSOR		•	•	•	•	•	•	•	•	•	•	•	•
REFRIGERANT R134A	1	•	•	•	•	•	•	•	•	•	•	•	•
REFRIGERANT R407C	2	X	X	X	X	X	X	X	X	X	X	X	X
REFRIGERANT R410A	3	•	٠	•	•	•	•	•	•	•	•	•	•
PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT	P	•	•	•	•	•	•	•	•	•	•	•	•
FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT	L	•	•	•	•	•	•	•	•	•	•	•	•
TUBE HEAT EXCHANGER IN PRIMARY CIRCUIT	С	X	X	X	X	X	X	X	X	X	X	X	X
WITH PARTIAL RECUPERATORS	D	•	•	•	•	•	•	•		•	•	•	•
WITH TOTAL RECUPERATORS	M	•	•	•	•	•	•	•	•	•	•	•	•
REMOTE CONTROL PANEL	N	٠	٠	٠	•	•	•	٠	•	٠	•	•	•
WITH REACTIVE POWER COMPENSATOR.	J	•	•	•	•	•	•	•	•	•	•	•	•
MODEL		0062	0068	0070	0075	0080	0085	0090	0105	0110	0115	0120	0135
HERMETIC COMPRESSOR													
				_	_	_	_	_	_	-			
	Н	•	•	•	•	•	•	•	•	:	•	•	•
SEMI-HERMETIC COMPRESSOR		•	•	•	•	•	•	•	•	•	•	•	•
SEMI-HERMETIC COMPRESSOR REFRIGERANT R134A	1	•	•	•	•	•	•	•	•	•	•	•	•
SEMI-HERMETIC COMPRESSOR REFRIGERANT R134A REFRIGERANT R407C	1 2	• • X	• • X	• • X	• • X	• • X	• • X	• • X	• • X	• • X	• • X	• • X	• • X
SEMI-HERMETIC COMPRESSOR REFRIGERANT R134A REFRIGERANT R407C REFRIGERANT R410A	1 2 3	× X	· X	· X	· X	· X	· X	· X	· X	· X	· X	• X	• X
SEMI-HERMETIC COMPRESSOR REFRIGERANT R134A REFRIGERANT R407C REFRIGERANT R410A PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT	1 2 3 P	X	X	· X	X	· X	X	X	× X	X	X	• X	X ·
SEMI-HERMETIC COMPRESSOR REFRIGERANT R134A REFRIGERANT R407C REFRIGERANT R410A PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT	1 2 3 P L	X	X	X	X	X	X	X	X	X	X	X ·	X ·
SEMI-HERMETIC COMPRESSOR REFRIGERANT R134A REFRIGERANT R407C REFRIGERANT R410A PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT TUBE HEAT EXCHANGER IN PRIMARY CIRCUIT	1 2 3 P L	X  X  X	X  X  X	X  X  X	• X • • X	X  • X  • X	X  X  X	X  • X  • X	X  X  X	X  X  X	X  X  X	X  • X  • X	X •
SEMI-HERMETIC COMPRESSOR REFRIGERANT R134A REFRIGERANT R407C REFRIGERANT R410A PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT TUBE HEAT EXCHANGER IN PRIMARY CIRCUIT WITH PARTIAL RECUPERATORS	1 2 3 P L C	X • • • X	X •	• X	• X	X  X  X	X •	X  X  X	• X • • X × • • X × • • X × • • • X × • • • •	X •	X • • • X	X •	X
SEMI-HERMETIC COMPRESSOR REFRIGERANT R134A REFRIGERANT R407C REFRIGERANT R410A PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT TUBE HEAT EXCHANGER IN PRIMARY CIRCUIT WITH PARTIAL RECUPERATORS WITH TOTAL RECUPERATORS	1 2 3 P L C D M	X	X  X  X	• X	*     X     *	*     X     *     X     X	• X	X  X  X	X  X  X	X	X  X  X	X  X  X	X X X
SEMI-HERMETIC COMPRESSOR REFRIGERANT R134A REFRIGERANT R407C REFRIGERANT R410A PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT TUBE HEAT EXCHANGER IN PRIMARY CIRCUIT WITH PARTIAL RECUPERATORS	1 2 3 P L C	X • • • X	X •	• X	• X	X  X  X	X •	X  X  X	• X • • X × • • X × • • X × • • • X × • • • •	X •	X • • • X	X •	X •

MODEL		0136	0145	0170	0180	0205	0230	0270
HERMETIC COMPRESSOR	Н	•	•	•	•	•	•	•
SEMI-HERMETIC COMPRESSOR		•	•	•	•	•	•	•
REFRIGERANT R134A	1	•	•	•	•	•	•	•
REFRIGERANT R407C	2	X	X	X	X	X	X	X
REFRIGERANT R410A	3	•	•	•	•	•	•	•
PLATE HEAT EXCHANGER IN PRIMARY CIRCUIT	P	•	•	•	•	•	•	•
FINNED HEAT EXCHANGER IN PRIMARY CIRCUIT	L	•	•	•	•	•	•	•
TUBE HEAT EXCHANGER IN PRIMARY CIRCUIT	С	X	X	X	X	X	X	X
WITH PARTIAL RECUPERATORS	D	•	•	•	•	•	•	•
WITH TOTAL RECUPERATORS	M	•	•	•	•	•	•	•
REMOTE CONTROL PANEL	N	•	•	•	•	•	•	•
WITH REACTIVE POWER COMPENSATOR	J	•	•	•	•	•	•	•

#### X STANDARD

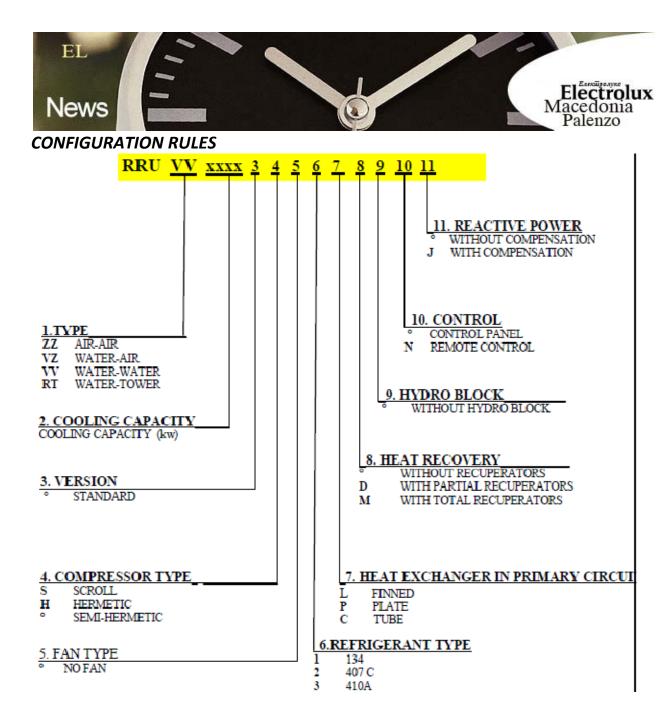
• ACCESSORIES





MODEL		0020	0025	0028													0075
WIDTH A	mm	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
DEPHT B	mm	550	550	550	550	550	550	550	550	550	550	550	750	750	750	750	7510
HEIGHT C	mm	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250	1400	1400	1400	1400	1400

MODEL		0080	0085	0090	0105	0110	0115	0120	0135	0136	0145	0170	0180	0205	0230	0270
WIDTH A	mm	1650	2050	2050	3050	3050	3050	3050	3050	3050	3050	30.50	3050	3050	3050	3050
DEPHT B	mm	750	750	750	750				750				880	880	880	880
HEIGHT C	mm	1400	1400	1400	1400	1400	1600	1600	1600	1600	1600	1700	1'700	1700	1700	1700



#### Commercial code example:

#### RRU VV 0650 S2CMN

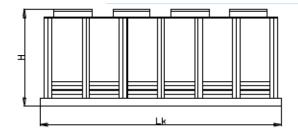
This is reversible water to water chiller with 650 kW cooling capacity, standard type, with scroll compressors, refrigerant 407 C, tube heat exchanger in primary circuit, with total recuperators, without hydro block, with remote control and without reactive power compensation.

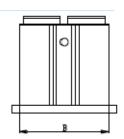


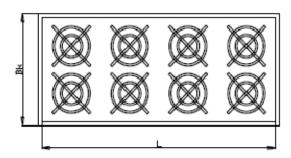
# **COOLING TOWERS**

## **TECHNICAL SPECIFICATIONS**

MODEL		NC 25	NC 50	NC 100	NC 150	NC 200
COOLING CAPACITY	kW	250	500	1000	1500	2000
FANS NUMBER	No	1	2	4	6	8
WATER FLOW RATE	m³/h	21	42	84	126	168
AIR FLOW RATE	m³/h	27000	54000	108000	162000	216000
MAXIMUM INPUT POWER	kW	2,2	4,4	8,8	13,2	17,6
NETTO WEIGHT	kg	645	1075	1850	2625	3400
WATER TANK WEIGHT	kg	95	180	315	410	520
OPERATING WEIGHT	kg	1250	2100	3650	5100	6600

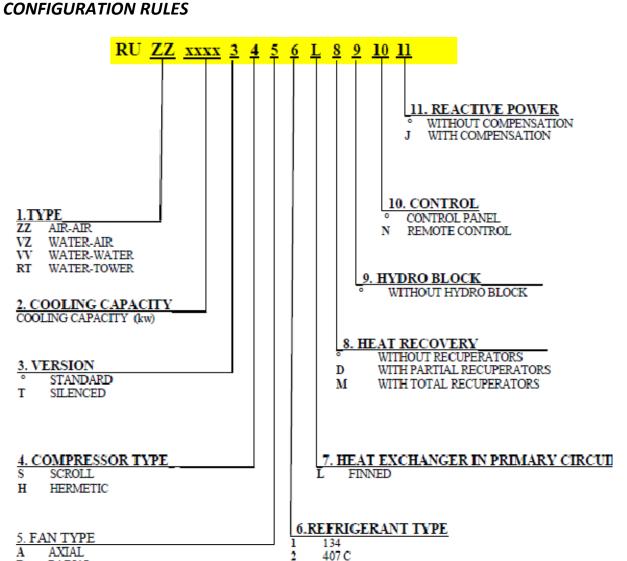






MODEL		NC 25	NC 50	NC 100	NC 150	NC 200
H	mm	2730	2730	2730	2730	2730
L	mm	1192	1600	3108	4618	6126
В	mm	1210	2448	2448	2448	2448
Lk	mm	1400	1820	3330	4850	6350
Bk	mm	1400	2660	2660	2660	2660





#### Commercial code example:

#### RU ZZ 0650A2LMN

RADIAL

This is air to air chiller with 650 kW cooling capacities, low noise type with semi hermetic compressor, axial fans, refrigerant R407 C, fined heat exchanger in primary circuit, with total recuperators, without hydro block, with remote control and without reactive power compensation.

410A