

COOLING SOLUTIONS



GEMINI



embraco

R 404A - LBP

MODEL	B.O.M.	ELECTRICAL VERSION	MOTOR TYPE	EXPANSION DEVICE	HP	PERFORMANCE / EVAPORATING TEMPERATURE °C - *									
						-40	-35	-30	-25	RATED -23.3			-20	-15	-10
						W	W	W	W	W	W in p	RLA	W	W	W
UGT2155GK	636CA	A	CSR	C-V	1 1/4	474	680	924	1200	1312	1040	5.20	1530	1884	2246
UGT2178GK	636QA	A	CSR	C-V	1 3/4	874	1172	1504	1894	2146	1540	7.80	2330	2820	3386
UGT2180GJ	636IA	A	CSR	C-V	2	900	1220	1594	1989	2135	1708	7.00	2510	3120	3795
UGNJ2192GK	644AA	A	CSR	C-V	2 1/4	906	1224	1590	2174	2396	1884	8.62	2746	3374	4060
UGNJ2192GS	648AM	M	3 Ph	C-V	2 1/4	906	1224	1590	2000	2162	1800	4.20	2466	2976	3534
UGNJ2212GK	643TA	A	CSR	C-V	2 3/4	1232	1772	2326	2958	3198	2350	12.20	3652	4396	5210
UGNJ2212GS	647AM	M	3 Ph	C-V	2 3/4	1232	1772	2326	2958	3198	2958	4.60	3652	4396	5210

Note: * Test Conditions: Ambient 32°C (90°F) | Max. subcooling 3°C (5°F) | Evaporator outlet and gas return 32°C (90°F).

R 134a - M/HBP

MODEL	B.O.M.	ELECTRICAL VERSION	MOTOR TYPE	EXPANSION DEVICE	HP	PERFORMANCE / EVAPORATING TEMPERATURE °C - *									
						-20	-15	-10	-5	0	5	RATED +7.2			10
						W	W	W	W	W	W	W	W in p	RLA	W
UGNJ6220ZX	548PM	M	3 Ph	C-V	1 1/2	-	1988	2512	3058	3686	4308	4570	2008	3.20	4976
UGNJ6226ZX	546EM	M	3 Ph	C-V	2	-	2744	3372	4070	4838	5628	6012	2586	4.60	6488

Note: * Test Conditions: Ambient 32°C (90°F) | Max. subcooling 3°C (5°F) | Evaporator outlet and gas return 32°C (90°F).

R 404A - M/HBP

MODEL	B.O.M.	ELECTRICAL VERSION	MOTOR TYPE	EXPANSION DEVICE	HP	PERFORMANCE / EVAPORATING TEMPERATURE °C - *									
						-20	-15	-10	-5	0	5	RATED +7.2			10
						W	W	W	W	W	W	W	W in p	RLA	W
UGNJ9226GK	644LV	V	CSR	C-V	2	2656	3074	3702	4358	5044	5758	6082	2806	12.80	6500
UGNJ9226GS	648LM	M	3 Ph	C-V	2	2412	3046	3644	4188	4728	5232	5440	2600	7.80	5662
UGNJ9232GK	643NA	A	CSR	C-V	2 1/2	2844	3532	4230	4938	5660	6392	6722	3438	16.80	7138
UGNJ9232GS	647NM	M	3 Ph	C-V	2 1/2	2934	3710	4438	5100	5758	6372	6730	3418	5.60	8538
UGNJ9238GK	643RV	V	CSR	C-V	3	3496	4294	5120	6314	6868	7790	8208	4442	20.20	8744
UGNJ9238GS	647RM	M	3 Ph	C-V	3	3634	4594	5496	6314	7130	7966	8332	4370	7.20	8538

Note: * Test Conditions: Ambient 32°C (90°F) | Max. subcooling 3°C (5°F) | Evaporator outlet and gas return 32°C (90°F).

AVAILABLE ACCESSORIES

MODEL	FILTER DRIER (1) TYPE	FILTER DRIER (2) TYPE	SIGHT GLASS TYPE	PRESSURE CONTROL TYPE	SOLENOID VALVE TYPE	OIL SEPARATOR TYPE	SUCTION ACCUMULATOR TYPE	FAN SPEED CONTROLLER TYPE	SCHRADER VALVE CODE	POWER CORD CODE
UT2155GK	SM2/30	ADK-036MMS	MIAM06	ALCO PS2 A7A	110 RB 2	Temprite 900	A08-304	FSX-42U	1.022.022	2.258.036
UT2178GK	SM2/30	ADK-036MMS	MIAM06	ALCO PS2 A7A	110 RB 2	Temprite 900	A08-304	FSX-42U	1.022.022	2.258.036
UT2180GK	SM2/30	ADK-036MMS	MIAM06	ALCO PS2 A7A	110 RB 2	Temprite 900	A08-304	FSX-42U	1.022.022	2.258.036
UJ2192GK	SM2/30	ADK-0510MMS	MIAM10	ALCO PS2 A7A	200 RB 3	Temprite 900	A08-304	FSX-42U	1.022.022	2.258.036
UJ2192GS	SM2/30	ADK-0510MMS	MIAM10	ALCO PS2 A7A	200 RB 3	Temprite 900	A08-304	FSX-42U	1.022.022	-
UJ2212GK	SM2/30	ADK-0510MMS	MIAM10	ALCO PS2 A7A	200 RB 3	Temprite 900	A08-304	FSX-42U	1.022.022	2.258.036
UJ2212GS	SM2/30	ADK-0510MMS	MIAM10	ALCO PS2 A7A	200 RB 3	Temprite 900	A08-304	FSX-42U	1.022.022	-
UJ6220ZX	SM2/30	ADK-0510MMS	MIAM10	ALCO PS2 A7A	200 RB 3		A08-304	FSX-42U	1.022.022	-
UJ6226ZX	SM2/30	ADK-0510MMS	MIAM10	ALCO PS2 A7A	200 RB 3		A08-304	FSX-42U	1.022.022	-
U(N)J9226GK	SM2/30	ADK-0510MMS	MIAM10	ALCO PS2 A7A	200 RB 3		A08-304	FSX-42U	1.022.022	2.258.036
U(N)J9226GS	SM2/30	ADK-0510MMS	MIAM10	ALCO PS2 A7A	200 RB 3		A08-304	FSX-42U	1.022.022	-
U(N)J9232GK	SM2/30	ADK-0510MMS	MIAM10	ALCO PS2 A7A	200 RB 3		A08-304	FSX-42U	1.022.022	2.258.036
U(N)J9232GS	SM2/30	ADK-0510MMS	MIAM10	ALCO PS2 A7A	200 RB 3		A08-304	FSX-42U	1.022.022	-
U(N)J9238GK	SM2/30	ADK-0510MMS	MIAM10	ALCO PS2 A7A	200 RB 3		A08-304	FSX-42U	1.022.022	2.258.036
U(N)J9238GS	SM2/30	ADK-0510MMS	MIAM10	ALCO PS2 A7A	200 RB 3		A08-304	FSX-42U	1.022.022	-

Notes: Accessories (drier, sight glass, pressure controls, suction accumulator, fan speed controller and solenoid valve) supplied by Alco. Thermostat cable, energy saving motor and other components available upon request.

APPLICATION RANGE IN 43°C °C	RECEIVER VOLUME litre	VALVE TUBE O.D.		FAN				FAN MOTOR			WEIGHT (Only Reference) kg	OVERALL DIMENSIONS			CONDENSER		DRAWING NUMBER	MODEL
		LIQUID	O.D.	No. & Angle of Blades	No. of Fans	Air Flow Rate m³ (h)	Rated Output W	Rated Input W	Rated Input A	L mm		W mm	H mm	No. OF ROWS	No. OF TUBES			
		inch	mm															
-40 to -10	2.3	3/8	254	5/28°	2	1325	2x16	2x60	2x0.42	80	850	530	293	4	11	1955332	UGT2155GK	
-40 to -10	2.3	3/8	254	5/28°	2	1325	2x16	2x60	2x0.42	80	850	530	293	4	11	1955332	UGT2178GK	
-40 to -10	2.3	3/8	254	5/28°	2	1325	2x16	2x60	2x0.42	80	850	530	293	4	11	1955332	UGT2180GJ	
-40 to -10	2.3	3/8	254	5/28°	2	1325	2x16	2x60	2x0.42	85	1093	551	311	4	11	1955339	UGNJ2192GK	
-40 to -10	2.3	3/8	254	5/28°	2	1700	2x34	2x100	2x0.38	85	1093	551	311	4	11	1955354	UGNJ2192GS	
-40 to -10	2.3	3/8	254	5/28°	2	1325	2x16	2x60	2x0.42	87	1093	551	311	4	11	1955339	UGNJ2212GK	
-40 to -10	2.3	3/8	254	5/28°	2	1700	2x34	2x100	2x0.38	87	1093	551	311	4	11	1955354	UGNJ2212GS	

APPLICATION RANGE IN 43°C °C	RECEIVER VOLUME litre	VALVE TUBE O.D.		FAN				FAN MOTOR			WEIGHT (Only Reference) kg / lb	OVERALL DIMENSIONS			CONDENSER		DRAWING NUMBER	MODEL
		LIQUID	O.D.	No. of Blades	No. of Fans	Air Flow Rate m³ (h)	Rated Output W	Rated Input W	Rated Input A	L mm		W mm	H mm	No. OF ROWS	No. OF TUBES			
		inch	mm															
-15 to +10	2.3	3/8	250	7	2	3020		2x100	2x0.2	84	1093	551	311	4	11	1955366	UGNJ6220ZX	
-15 to +10	2.3	3/8	250	7	2	3020		2x100	2x0.2	84	1093	551	311	4	11	1955366	UGNJ6226ZX	

APPLICATION RANGE IN 43°C °C	RECEIVER VOLUME litre	VALVE TUBE O.D.		FAN				FAN MOTOR			WEIGHT (Only Reference) kg / lb	OVERALL DIMENSIONS			CONDENSER		DRAWING NUMBER	MODEL
		LIQUID	O.D.	No. of Blades	No. of Fans	Air Flow Rate m³ (h)	Rated Output W	Rated Input W	Rated Input A	L mm		W mm	H mm	No. OF ROWS	No. OF TUBES			
		inch	mm															
-20 to 0	2.3	3/8	250	7	2	3008		2x115	2x0.51	86	1093	551	311	4	11	1955365	UGNJ9226GK	
-20 to 0	2.3	3/8	250	7	2	3020		2x100	2x0.2	86	1093	551	311	4	11	1955366	UGNJ9226GS	
-20 to 0	2.3	3/8	250	7	3	3595		3x115	3x0.51	87	1093	551	311	4	11	1996367	UGNJ9232GK	
-20 to 0	2.3	3/8	250	7	3	3660		3x100	3x0.2	87	1093	551	311	4	11	1955368	UGNJ9232GS	
-20 to 0	2.3	3/8	250	7	3	3595		3x115	3x0.51	87	1093	551	311	4	11	1996367	UGNJ9238GK	
-20 to 0	2.3	3/8	250	7	3	3660		3x100	3x0.2	87	1093	551	311	4	11	1955368	UGNJ9238GS	

Motor Type

Type	Description
RSIR	Resistive Start Inductive Run
RSCR	Resistive Start Capacitive Run
CSIR	Capacitive Start Induction Run
CSR	Capacitive Start and Run
PSC	Permanent Split Capacitor
3 Ph	Three Phase

Expansion Devices

Type	Description
C	Capillary
V	Expansion valve

Electrical Version

Type	Description
A	220-240V 50Hz
D	208-230V 60Hz
G	115V 60Hz (100V 50Hz)
M	380-420V 50Hz (440-480V 60Hz)
N	200-240V 50Hz (230V 60Hz)
V	230V 50Hz

Gemini Condensing Units Features

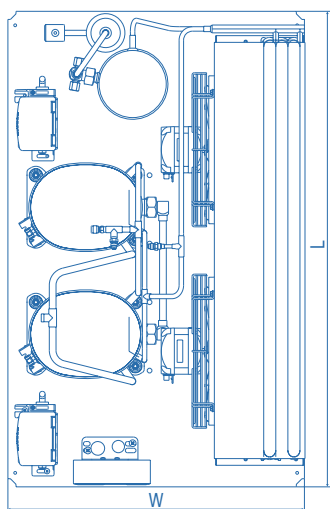
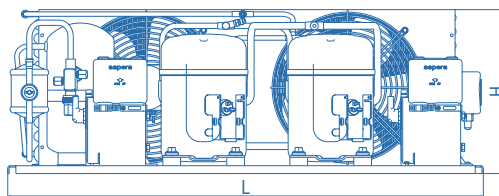
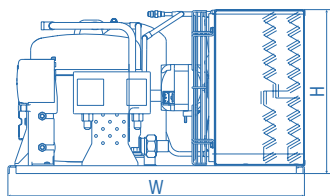
Advantages of Gemini Condensing Units:

- Two levels of cooling capacity by switching one or two compressors at a time.
- Higher energy saving than conventional condensing units.
- Reduction of starting current (by starting each compressor separately).
- Limited height and overall dimensions facilitating cabinet design and installation.

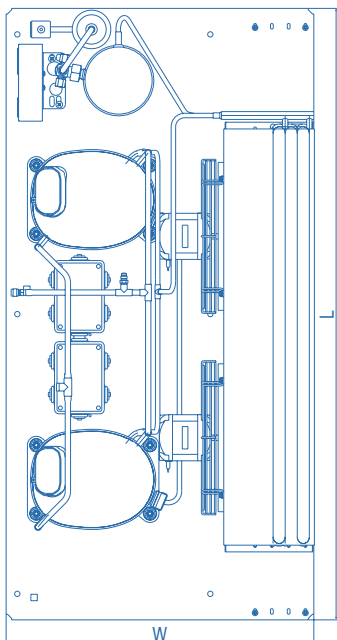
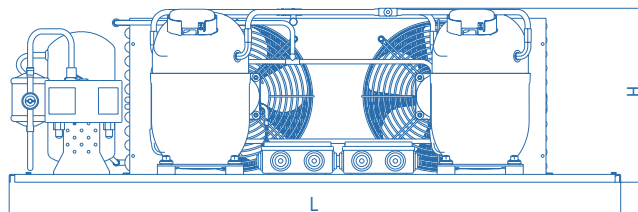
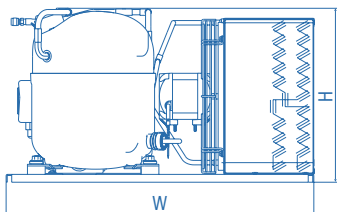
Attention: After replacement the condensing unit and its accessories must be handled and recycled according to the material group (ferrous, non-ferrous, polymers, oils, ...) directives. These recommendations are intended to minimize the adverse impacts on the environment.

EXTERNAL VIEWS

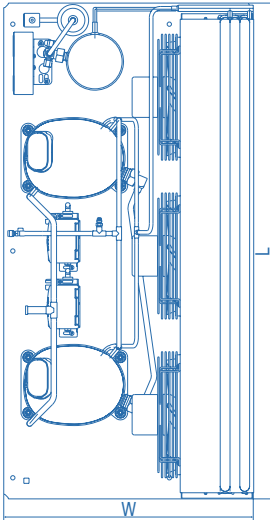
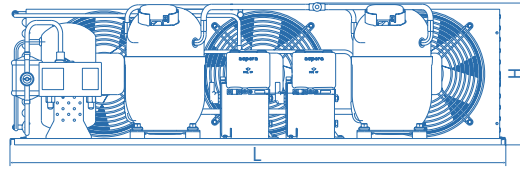
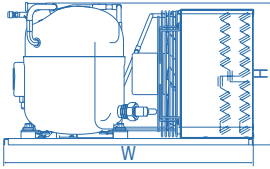
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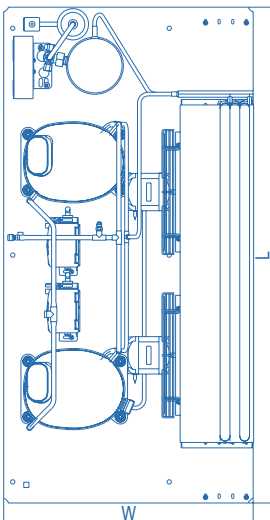
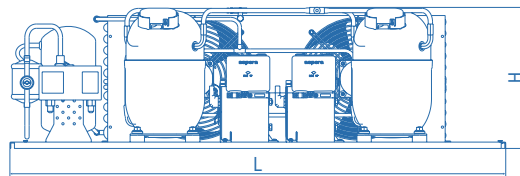
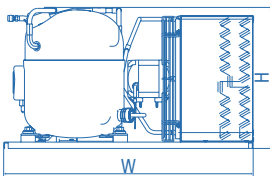
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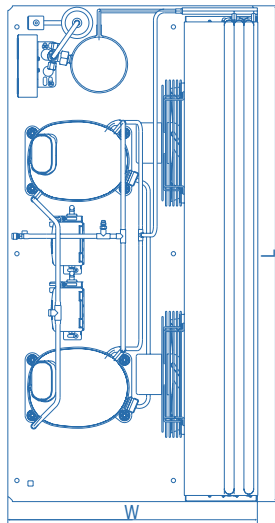
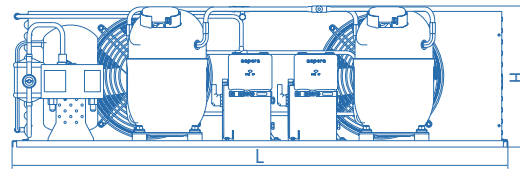
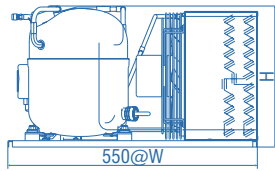


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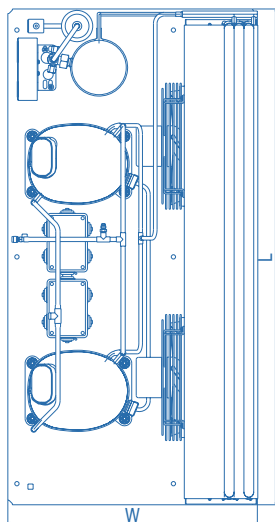
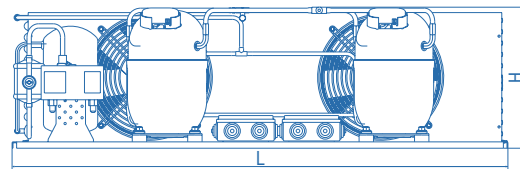
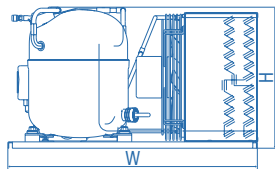


EXTERNAL VIEWS

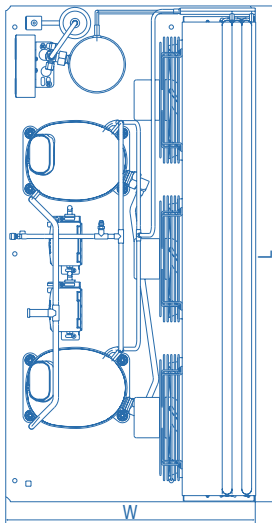
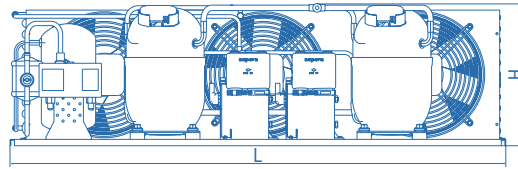
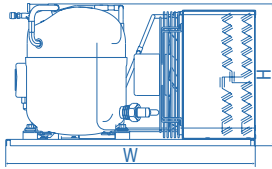
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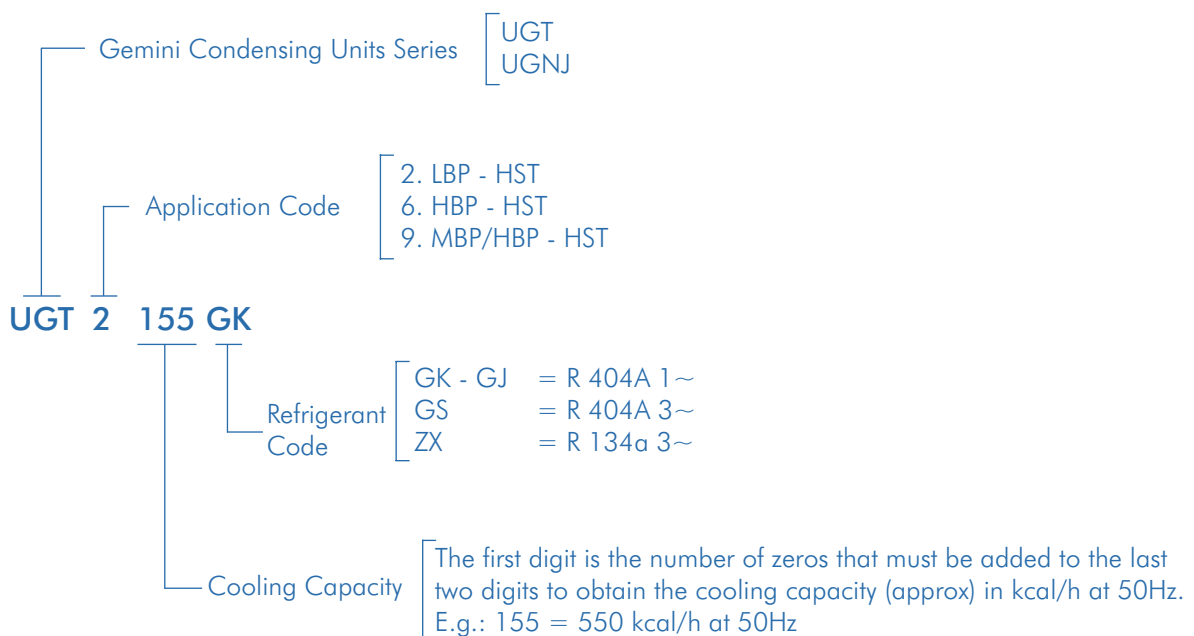
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GEMINI CONDENSING UNIT MODEL





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