

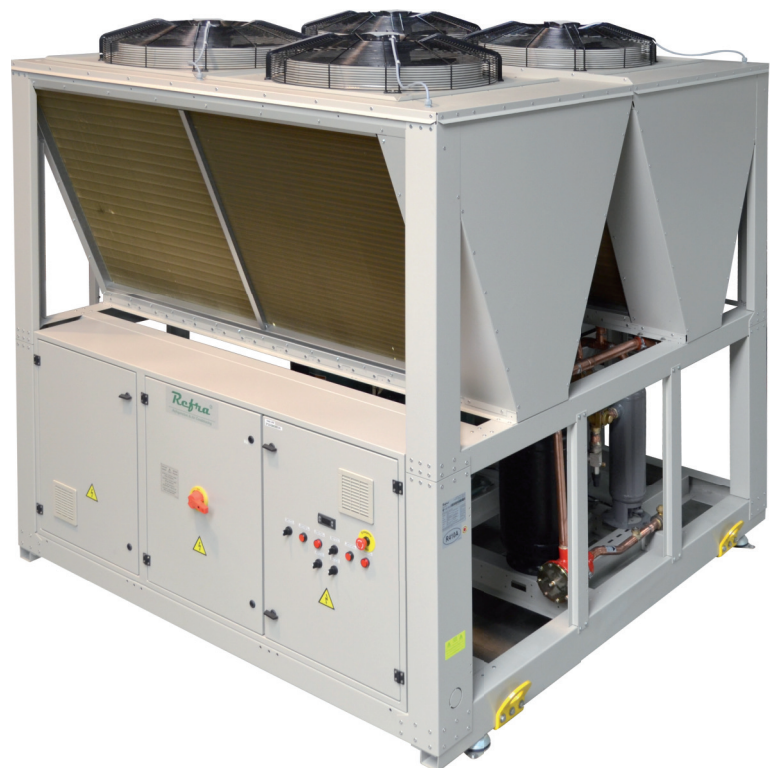
Galaxy

Condensing unit for air conditioning



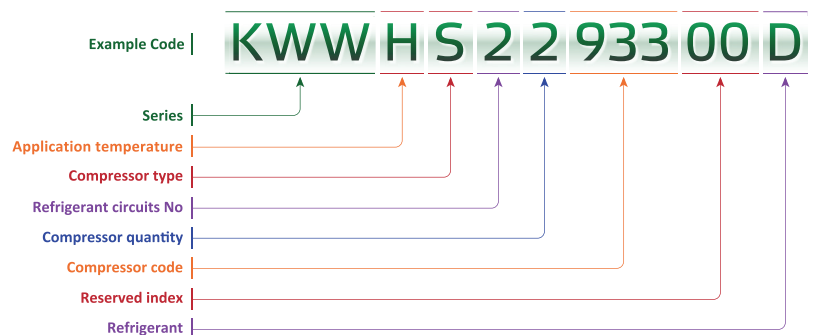
BASIC UNIT EQUIPMENT:

- > Scroll compressors with crankcase heater
- > Cartridge pressostats on HP/LP lines for each circuit
- > High/Low pressure side gauges
- > Pressure relief valves on each circuit
- > Copper aluminium finned condensers with AC axial fans
- > Polymer powder coated steel frame with lifting hinges and rubber anti vibration mounts
- > Electrical board includes: main switch, phase rotation and phase loss monitoring, relay, compressor/fan overload relays, contactor, transformer.



ADDITIONAL OPTIONS

- CCH** — Compressor compartment housing
- CHC** — Check valve on condensing line
- FSC** — Fan speed controller
- BS** — Shut-off valve on suction line
- BL** — Shut-off valve on liquid line
- SF** — Suction line filter drier
- EC** — Electronically commutated fans
- DH** — Desuperheater
- R** — Liquid receiver with rotalock valves and safety valve
- FD** — Filter drier and moisture indicator
- BV** — Shut-off valve on liquid lines
- K** — Low ambient temperature kit: condensation pressure regulator receiver pressure regulator, check valve on condensing line



Technical data																	
Galaxy KWW-HS2		292800D	293100D	293200D	293300D	293400D	293500D	293600D	493200D	493300D	493400D	493500D	493600D	693500D	693600D		
Cooling capacity ^[1]	kW	42,6	52,4	61,4	67,4	75,8	86,6	107,8	122,8	134,8	151,6	173,2	215,6	259,8	323,4		
Unit power consumption	kW	13,1	15,8	17,8	19,8	22,6	26,8	35,5	35,6	39,6	45,2	53,6	71,0	80,4	106,5		
EER		3,23	3,31	3,44	3,39	3,34	3,22	3,03	3,44	3,39	3,34	3,22	3,03	3,22	3,03		
ESEER		4,14	4,29	4,49	4,38	4,30	4,10	3,90	4,49	4,38	4,30	4,10	3,90	4,10	3,90		
COP		4,53	4,34	4,44	4,19	4,01	3,75	3,39	4,44	4,19	4,01	3,75	3,39	3,75	3,39		
Compressors	Quantity	n°		2						4				6			
	Type	Scroll															
Condenser	Condenser quantity	n°		2						4				6			
	Rows of tube	n°		3						3				3			
	Surface area	m ²		247,6						495,2				742,8			
	Fans	n°		2						4				6			
	Diameter	mm		800						800				800			
	Air flow ^[2]	m ³ /s		10,55						21,10				30,83			
System	Minimum capacity	%		50						25				17			
	Refrigerant	R410A															
	Circuits	n°		2													
Connections	Suction line	mm		22	28	35	35	35	35	42	42	42	42	42	54	54	64
	Liquid line	mm		16	16	18	22	22	22	28	28	28	28	28	42	42	42
Electrical characteristics	Power supply	V/Ph/Hz		400 / 3+N / 50													
	Max. working current	A		30	51	53	59	70	77	89	106	118	140	154	178	228	264
	Starting current	A		140	156	164	167	188	232	282	217	226	258	309	370	377	458
Sound pressure ^[3]	STD	dB (A)		55						58				60			
Dimensions	Picture	n°		1						2				3			
Transportation dimensions	Length	mm		2200						2320				3750			
	Width	mm		1275						2300				2300			
	Height	mm		2450						2450				2450			
Unit weight ^[4]	kg		705	740	745	750	765	760	910	1260	1266	1293	1290	1570	1780	2245	

Note:

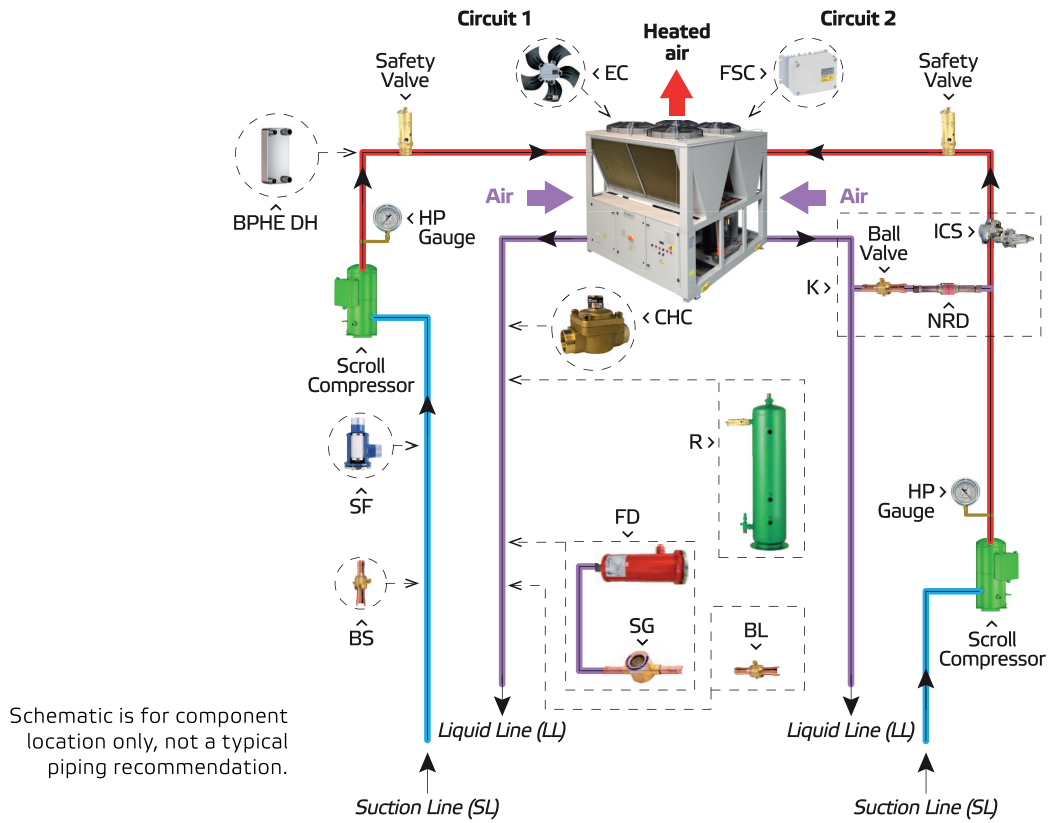
[1] Calculations made due to 6 °C evaporation and 35°C ambient temperatures according to EN 14511:2011

[2] Standart AC fans

[3] Sound pressure level measured at 10 m from the unit according to ISO 3744

[4] Basic equipment unit weight

2 CIRCUITS APPLICATION EXAMPLE



DIMENSIONS AND CLEARANCES

Picture n°	Pic 1	Pic 2	Pic 3
A (mm)	1155	2200	2200
B (mm)	2200	2300	3750
C (mm)	2130	2130	2130
A1 (mm)	1080	2130	2130
B1 (mm)	2090	2190	3640
C1 (mm)	2450	2450	2450

