

SIGMA-Modelle*	compSUPER S (2+1)x1	compSUPER L (3+2)x2	compSUPER L (3+2)x3	compSUPER L (4+2)x3
# of compressors MT+PC/LT	2+1/1	3+2/2	3+2/3	4+2/3
MT capacity [kW]**	50-80	70-130	70-130	120-180
AC capacity [kW]**	20-50	40-100	40-100	80-150
LT capacity [kW]**	5-15	15-30	30-50	30-50
Receiver volume [L]	130	1x130/ 2x130	2x130	2x130/3x130
Frequency inverter	One MT and one PC	One MT and one PC	One MT and one PC	One MT and one PC
Electrical connection	3x400V/50Hz	3x400V/50Hz	3x400V/50Hz	3x400V/50Hz
Length [mm]***	3500 (4000)	5000-6000	5000-6000	6000
Width [mm]***	800 (2300)	800	800	800
Height [mm]***	2000 (2500)	2000	2000	2000
Weight [kg]***	2500 (4000)	3500	3550	4000

* Model examples. Adaptable designs according to customer needs – ask Advansor

**MT and LT capacities stated at respectively -8°C and -30°C evaporation / 32°C ambient air temperature

**AC capacities stated at glycol loop 7/12°C

***Approximate data on all dimensions and weights. Dimensions and weight include rack and electrical panel (closed coupled with cabinet).

Standard configuration:

- High quality, semi-hermetic compressors from leading manufactures
- Frequency controlled compressor at medium temperature and parallel compression
- Design pressure
 - 30 bar on low temperature suction side
 - 52 bar on medium temperature suction side
 - 90 bar on receiver and air conditioning
 - 120 bar on high pressure side
- Gas cooler with speed-controlled fans
- Danfoss or Carel controller
- Oil management system and full compressor protection
- Highest safety level with pressure relief valves, pressure switches and intelligent controls
- Smaller models installed in weather-proof and sound reducing cabinet with integrated gas cooler



compSUPER SIGMA S (2+1)x2

Options:

- Integrated evaporator in gas cooler (air-to-water "heat pump function")
- Enhanced design pressure
 - 60 bar on low temperature suction side
 - 60 bar on medium temperature suction side
 - 90 bar on receiver and air conditioning
 - 120 bar on high pressure side
- System to monitor the unit on an external network
- Energy metering device