

SC SPLIT

Rotation system

 **ICETECH**
ICE MAKERS



SC SPLIT

Rotation system



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SC SPLIT CO₂

SPLIT MODELS

Included: evaporator, electrical panel, control panel, soleplate, expansion valve, frequency converter to change the ice thickness and solenoid valve.

Not included: suction valve.

CO₂ MODELS

Included: evaporator, electrical panel, control panel, soleplate, electronic expansion valve, suction regulating valve, frequency converter to change the ice thickness.

For connection to CO₂ plants always in subcritical state.

General features

The ICE TECH SC SPLIT generators provide flat, cold, and dry ice flakes.

The ice has a very pleasant appearance, in flat flakes that slip over each other and with a great amount of cooling capacity for a long time.

Its applications are very diverse: fishing industry, seaports, fish markets and wholesalers, supermarkets, fish shops, cold cut and meat industries, bakeries, pastry shops, vegetable distribution, construction...


The ice generators ICE TECH SC SPLIT require the connection to a central cooling unit or to a refrigeration unit in order to produce ice. The installer will need a KVP valve for its connection, which is not included in the supply of the generator.

Technical features / Operating limits

Ice	Flat, very cold flakes (-7 °C average), with an adjustable thickness of 1,5 to 3 mm. Residual water content: 2% (± 2%)
Vertical cylindrical evaporator	Vertical cylindrical evaporator made of steel and insulation to prevent yield losses. The inner face is nickel plated. A free rotating inner spindle cuts the thin layer of ice formed on the evaporator wall.
Ecological	100% of the water is used to produce ice. The non-frozen water is collected and recirculated back to the beginning of the distribution.
Operating conditions	Air temperature: 10 – 43°C Water temperature: 5 – 38°C Water pressure: 0,7 – 6 bar
Productive capacity	Kg/24h to 21°C of room temperature and 15°C of water temperature and 1,5mm ice thickness
Components included	All the necessary components in the machine to produce ice upon connection.
Optional accessories	KVP valve, brine pump, ice chutes, external stop switchz On/Off. Not initially included in the machine.
Certification	ISO 9001, CE
Others	Refrigerant R449A Temperature of evaporation -22°C Water inlet connection Ø=3/4" Gas. Drain connections Ø=21 mm & 8 mm. Three-phase 380V-50/60Hz.

FLAKE ICE



Model	Production Kg. / Day	Maximum Power Input W.	Ø Ice Exit mm.	Cooling Requirements -22°C *-24°C	Net Weight Kg.	 WIDTH x DEPTH x HEIGHT Dimensions mm.
ICE TECH SC 400 SPLIT	400	190	480	2200	94	1090 x 700 x 720
ICE TECH SC 600 SPLIT	600	190	326	3300	120	1250 x 750 x 835
ICE TECH SC 1TN SPLIT	1000	200	480	5500	170	1050 x 750 x 870
ICE TECH SC 1.5TN SPLIT	1500	200	480	8250	200	1050 x 750 x 1050
ICE TECH SC 2TN SPLIT	2000	200	480	11000	182	1050 x 750 x 1040
ICE TECH SC 3TN SPLIT	3000	200	480	16500	280	1050 x 750 x 1300
ICE TECH SC 5TN SPLIT	5000	435	900	27500	800	1850 x 1150 x 1250
ICE TECH SC 10TN SPLIT	10000	435	900	55000	950	1850 x 1150 x 1830
ICE TECH SC 400 SPLIT CO ₂	400	190	480	*2200	100	1100 x 700 x 760
ICE TECH SC 600 SPLIT CO ₂	600	190	480	*3300	120	1250 x 750 x 835
ICE TECH SC 1TN SPLIT CO ₂	1000	190	480	*5500	162	850 x 700 x 870
ICE TECH SC 2TN SPLIT CO ₂	2000	200	480	*11000	230	1050 x 750 x 1080
ICE TECH SC 3TN SPLIT CO ₂	3000	200	480	*16500	280	1050 x 750 x 1300