










# SC 50000 SPLIT THREE PHASE 400 V / 50-60 Hz

## MODULAR FLAKE ICE MACHINE SPLIT

### FEATURES CARACTERÍSTICAS

- ▶ **PRODUCES COLD AND DRY FLAT FLAKES. FLAKE THICKNESS MAY BE ADJUSTED BETWEEN 1.5 mm AND 3 mm**  
PRODUCE ESCAMAS PLANAS MUY FRÍAS Y SECAS. EL ESPESOR PUEDE REGULARSE ENTRE 1.5 Y 3 mm
- ▶ **BASED ON A STATIC CYLINDER WHICH IS FREE FROM SWIVEL JOINTS (HELICAL REAMER) COUPLED WITH A MILLING TOOL THAT DETACHES THE ICE WITHOUT ANY STRAINED OR FORCED MOVEMENTS**  
FUNCIONAMIENTO BASADO EN UN CILINDRO ESTÁTICO SIN JUNTAS GIRATORIAS (HELICAL REAMER) Y CON UNA FRESA QUE DESPEGA EL HIELO SIN TENSIONES NI ESFUERZOS
- ▶ **THE MOST EFFICIENT EVAPORATOR OF THE MARKET, LESS ENERGY CONSUMPTION AND HIGHER ICE PRODUCTION**  
EL EVAPORADOR MAS EFICIENTE DEL MERCADO, MENOR GASTO ENERGÉTICO, MAYOR PRODUCCIÓN DE HIELO
- ▶ **THERMOSTATIC EXPANSION VALVE / LIQUID SOLENOID VALVE / STOP WHEN FULL BIN STOP WITH PHOTOELECTRICAL SENSOR**  
VÁLVULA DE EXPANSIÓN TERMOSTÁTICA / VÁLVULA SOLENOIDE DE LÍQUIDO / PARO POR LLENADO DE CUBA CON CÉLULA FOTOELÉCTRICA
- ▶ **ELECTRONIC STOP SYSTEM / ELECTRICAL CONTROL PANEL / DRIVE DIRECT GEAR MOTOR / MAGNETIC DRIVE PUMP / LOW WATER SAFETY DEVICE**  
SISTEMA DE PARO ELECTRÓNICO / CUADRO ELÉCTRICO DE REGULACIÓN / MOTORREDUCTOR DE ATAQUE DIRECTO / BOMBA DE ARRASTRE MAGNÉTICO / SEGURIDAD ANTE FALTA DE AGUA
- ▶ **STAINLESS STEEL SOLEPLATE**  
BANCADA DE ACERO INOXIDABLE
- ▶ **CONTROLLERS TO DETECT: LOW WATER LEVEL, TEMPERATURE RISE DUE TO MOTOR OVERLOAD OR FULL VAT**  
CONTROLES PARA DETECTAR: FALTA DE NIVEL DE AGUA, AUMENTO DE TEMPERATURA POR SOBRESFUERZO EN EL MOTORREDUCTOR O POR LLENADO DE ALMACÉN



	 24 H	 10°C (Kg)	 15°C (Kg)	 (mm)	 (mm)	
SC 50000 SPLIT		55.000	50.000	Width 2.135 Depth 3.100 Height 3.300	Width 2.235 Depth 3.200 Height 3.555	<b>FLAKE ICE</b> -7°C Ice Temperature

### ACCESSORIES ACCESORIOS

NOT INCLUDED (OPTIONAL)



**SALT DOSING PUMP WITH TANK**  
BOMBA DOSIFICADORA DE SAL CON DEPÓSITO



**REMOTE SWITCH**  
INTERRUPTOR REMOTO



**REMOTE SWITCH & WEEKLY PROGRAMMER**  
INTERRUPTOR REMOTO CON PROGRAMADOR SEMANAL



**EXTERNAL STOP FULL BIN PHOTO CELL**  
SENSOR DE PARO EXTERNO POR LLENADO

### RECOMMENDED BINS DEPÓSITOS RECOMENDADOS



BS422 + SC 50000 SPLIT



BS623 + SC 50000 SPLIT



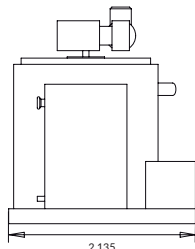
BS732 + SC 50000 SPLIT



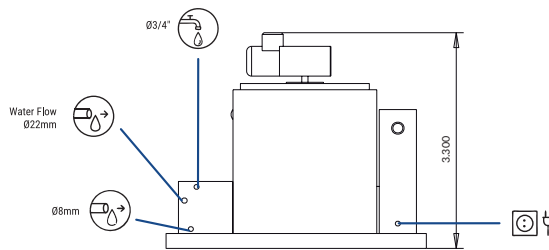
BS1132 + SCZ 50000 SPLIT

SC 50000 SPLIT

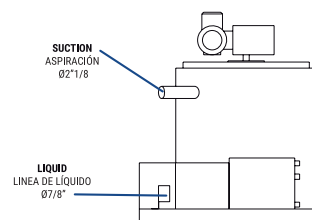
RIGHT SIDE VIEW  
VISTA LATERAL DERECHA



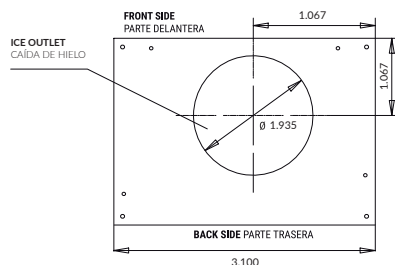
FRONTAL VIEW  
VISTA FRONTAL



LEFT SIDE VIEW  
VISTA LATERAL IZQUIERDA



CENTRAL CROSS SECTION VIEW OF THE BASE  
VISTA DE LA BASE DESDE SECCIÓN CENTRAL



\* All measurements in mm.  
\* Todas las cotas en mm.

OPERATING CONDITIONS CONDICIONES DE OPERACIÓN

PRODUCTION 50-60Hz PRODUCCIÓN 50-60 Hz

±10% V 10°C/43°C 5°C/38°C 1 bar/6 bar	R 449 A <table border="1"> <tr> <th>V</th> <th>Hz</th> <th>ph</th> </tr> <tr> <td>400</td> <td>50-60</td> <td>3N</td> </tr> </table>	V	Hz	ph	400	50-60	3N	24 H 1'5-2'2 mm <b>SC 50000 SPLIT</b>	<table border="1"> <tr> <th>°C</th> <th>10°</th> <th>15°</th> <th>21°</th> <th>30°</th> </tr> <tr> <th>°F</th> <th>50°</th> <th>60°</th> <th>70°</th> <th>86°</th> </tr> <tr> <td>10°</td> <td>55000</td> <td>52143</td> <td>45000</td> <td>41429</td> </tr> <tr> <td>50°</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>21°</td> <td>54429</td> <td>50000</td> <td>42857</td> <td>39286</td> </tr> <tr> <td>68°</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>32°</td> <td>51429</td> <td>46429</td> <td>40000</td> <td>36000</td> </tr> <tr> <td>90°</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>43°</td> <td>43571</td> <td>39286</td> <td>32857</td> <td>30000</td> </tr> <tr> <td>109°</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	°C	10°	15°	21°	30°	°F	50°	60°	70°	86°	10°	55000	52143	45000	41429	50°					21°	54429	50000	42857	39286	68°					32°	51429	46429	40000	36000	90°					43°	43571	39286	32857	30000	109°					24 H 3 mm <b>SC 50000 SPLIT</b>	<table border="1"> <tr> <th>°C</th> <th>10°</th> <th>15°</th> <th>21°</th> <th>30°</th> </tr> <tr> <th>°F</th> <th>50°</th> <th>60°</th> <th>70°</th> <th>86°</th> </tr> <tr> <td>10°</td> <td>51150</td> <td>48493</td> <td>41850</td> <td>39529</td> </tr> <tr> <td>50°</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>21°</td> <td>50619</td> <td>46500</td> <td>39857</td> <td>36536</td> </tr> <tr> <td>68°</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>32°</td> <td>47829</td> <td>43179</td> <td>37200</td> <td>33480</td> </tr> <tr> <td>90°</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>43°</td> <td>40521</td> <td>36536</td> <td>30557</td> <td>27900</td> </tr> <tr> <td>109°</td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	°C	10°	15°	21°	30°	°F	50°	60°	70°	86°	10°	51150	48493	41850	39529	50°					21°	50619	46500	39857	36536	68°					32°	47829	43179	37200	33480	90°					43°	40521	36536	30557	27900	109°				
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MODELS MODELOS	Temp.EV. (°C)	ASHRAE CONDITIONS CONDICIONES ASHRAE (W) (BTu/h)	(W) 43°C	(n.) (mm²)	FUSE	100 Kg (Kw/h)	(l/h)	HEAT REJECTED (W) (BTu/h)	(Kg)	(Kg)	(m³)
SC 50000 S	-22	275.000 938.339	1.170	5 1,5	16	-*	2.083	- -	5.500	5.600	25,4

\* WHEN INDICATED COOL REQUIREMENT IS SUPPLIED / CUANDO SE SUMINISTRA LA POTENCIA FRIGORÍFICA REQUERIDA



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8:00AM | 7:00PM



Subject to certain limitations  
and exclusions. Only spare parts.  
Sujeto a limitaciones y exclusiones.  
Solo piezas de repuesto



9001  
14001

