

# FD/HD 415

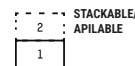
## MODULAR ICE CUBE MACHINE

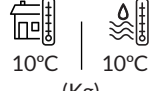
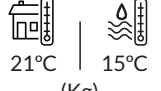
230 V / 60 Hz



### FEATURES CARACTERÍSTICAS

- ▶ **PRODUCES FULL DICE ICE CUBES OR HALF DICE ICE CUBES**  
PRODUCE CUBITOS DE DADO Y MEDIO DADO
- ▶ **HIGH EFFICIENT EVAPORATOR**  
EVAPORADOR DE ALTA EFICIENCIA
- ▶ **SMART WATER DISTRIBUTOR THAT IMPROVES DROP-OFF EFFICIENCY**  
DISTRIBUIDOR DE AGUA INTELIGENTE QUE MEJORA LA EFICIENCIA EN EL DESPEGUE
- ▶ **EASY ACCESS BY REMOVING THE PANELS WITH A SINGLE SCREWDRIVER**  
FÁCIL ACCESO RETIRANDO LOS PANELES CON UN SOLO DESTORNILLADOR
- ▶ **SMART ELECTRONIC BOARD CONTROLS EVERY PARAMETER IN THE MACHINE AND SHOWS THE DIAGNOSIS OF POSSIBLE INCIDENCES**  
PLACA ELECTRÓNICA INTELIGENTE QUE CONTROLA LOS PARÁMETROS DE LA MÁQUINA Y MUESTRA EL DIAGNÓSTICO DE POSIBLES INCIDENCIAS
- ▶ **NATURAL GAS R290 WITH EVERY LOW GLOBAL WARMING POTENTIAL WHICH ALSO REDUCES THE ENERGY CONSUMPTION**  
GAS NATURAL R290 CON MUY BAJO ÍNDICE GWP EL CUAL TAMBIÉN REDUCE EL CONSUMO ENERGÉTICO
- ▶ **ENERGY STAR, LOW POWER CONSUMPTION CERTIFICATION**  
ENERGY STAR, CERTIFICADO DE BAJO CONSUMO ELÉCTRICO
- ▶ **HIGH RESISTANCE EXTERNAL FRAME IN AISI 304 STAINLESS STEEL**  
ESTRUCTURA DE ALTA RESISTENCIA EN ACERO INOXIDABLE AISI 304



|             |  |  |  |  |  |               |
|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
|             |                                                                                     | 10°C   10°C<br>(Kg)                                                                 | 21°C   15°C<br>(Kg)                                                                 | (mm)                                                                                | (mm)                                                                                  | <b>FD/HD 6'5cc</b><br>23 mm (W) x 11 mm (D) x 26 mm (H)<br>Average dimensions Dimensiones promedio |
| FD/HD 415 A |  | 473                                                                                 | 443                                                                                 | Width 760<br>Depth 620<br>Height 762                                                | Width 836<br>Depth 635<br>Height 874                                                  |               |
| FD/HD 415 W |  | -                                                                                   | -                                                                                   |                                                                                     |                                                                                       | <b>FD/HD 13cc</b><br>26 mm (W) x 23 mm (D) x 26 mm (H)<br>Average dimensions Dimensiones promedio  |

### ACCESSORIES ACCESORIOS

#### INCLUDED



**WATER INLET FILTER GASKET**  
JUNTA DE FILTRO DE ENTRADA DE AGUA



**WATER INLET HOSE**  
MANGUERA DE ENTRADA DE AGUA



**WATER OUTLET HOSE**  
MANGUERA DE DESAGÜE

#### NOT INCLUDED (OPTIONAL)



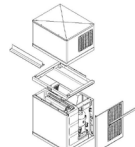
**ANTI-LIMESCALE FILTER**  
FILTRO ANTICAL



**PARTICLE FILTER**  
FILTRO ANTIPARTÍCULAS

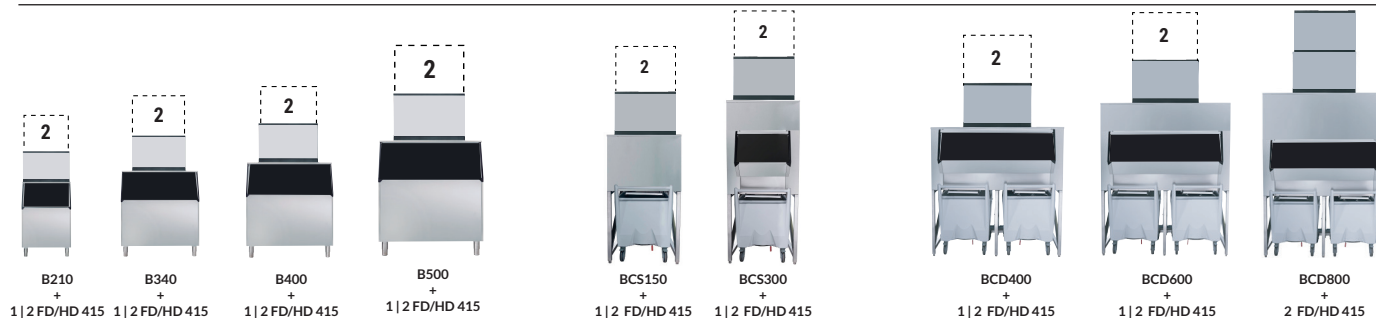


**ANTI-LIMESCALE + ANTI-CHLORINE FILTER CS101**  
FILTRO ANTICAL + ANTICLORO CS101

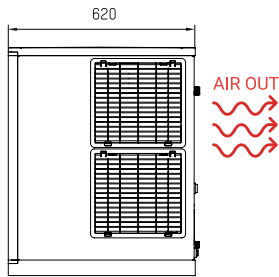


**STACKING KIT**  
KIT APILADO

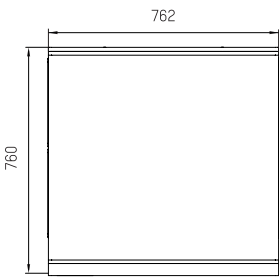
### RECOMMENDED BINS SILOS RECOMENDADOS



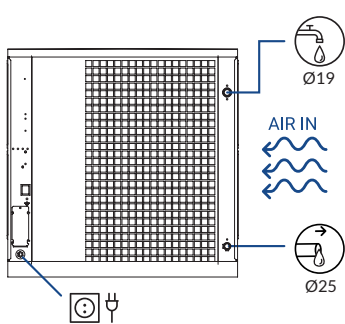
RIGHT SIDE VIEW  
VISTA LATERAL DERECHA



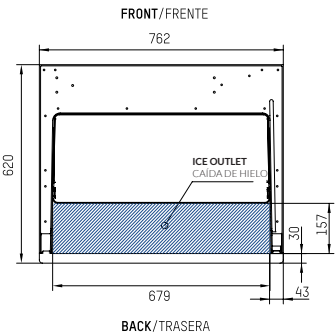
FRONTAL VIEW  
VISTA FRONTAL



REAR VIEW  
VISTA TRASERA



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 60Hz PRODUCCIÓN 60 Hz

±10% V

5°C/43°C

5°C/35°C

1 bar/6 bar

400/800 Ice cubes/cycle

| V   | Hz | ph |
|-----|----|----|
| 230 | 60 | 1N |

| FD/HD 415 AIR COOLED |            |            |            |            |  |
|----------------------|------------|------------|------------|------------|--|
| °C<br>°F             | 10°<br>50° | 15°<br>60° | 21°<br>70° | 30°<br>86° |  |
| 10°<br>50°           | 473        | 462        | 450        | 420        |  |
| 21°<br>68°           | 456        | 443        | 430        | 400        |  |
| 32°<br>90°           | 425        | 407        | 389        | 354        |  |
| 43°<br>109°          | 395        | 365        | 345        | 297        |  |

| FD/HD 415 WATER COOLED |            |            |            |            |  |
|------------------------|------------|------------|------------|------------|--|
| °C<br>°F               | 10°<br>50° | 15°<br>60° | 21°<br>70° | 30°<br>86° |  |
| 10°<br>50°             | -          | -          | -          | -          |  |
| 21°<br>68°             | -          | -          | -          | -          |  |
| 32°<br>90°             | -          | -          | -          | -          |  |
| 43°<br>109°            | -          | -          | -          | -          |  |

MODELS  
MODELOS

FD/HD 415 A

FD/HD 415 W

| ASHRAE CONDITIONS<br>CONDICIONES ASHRAE | ASHRAE CONDITIONS<br>CONDICIONES ASHRAE | ASHRAE CONDITIONS<br>CONDICIONES ASHRAE | ASHRAE CONDITIONS<br>CONDICIONES ASHRAE | ASHRAE CONDITIONS<br>CONDICIONES ASHRAE | ASHRAE CONDITIONS<br>CONDICIONES ASHRAE | ASHRAE CONDITIONS<br>CONDICIONES ASHRAE | ASHRAE CONDITIONS<br>CONDICIONES ASHRAE | ASHRAE CONDITIONS<br>CONDICIONES ASHRAE | ASHRAE CONDITIONS<br>CONDICIONES ASHRAE | ASHRAE CONDITIONS<br>CONDICIONES ASHRAE | ASHRAE CONDITIONS<br>CONDICIONES ASHRAE | ASHRAE CONDITIONS<br>CONDICIONES ASHRAE | ASHRAE CONDITIONS<br>CONDICIONES ASHRAE | ASHRAE CONDITIONS<br>CONDICIONES ASHRAE | ASHRAE CONDITIONS<br>CONDICIONES ASHRAE |
|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|
| (W)                                     | (BTU/h)                                 | (W) 43°C                                | (n.)                                    | (mm²)                                   | FUSE                                    | (Kwh)                                   | (l/h)                                   | HEAT REJECTED<br>(W) (BTU/h)            | (Kg)                                    | (Kg)                                    | (m³)                                    |                                         |                                         |                                         |                                         |
| 2.795                                   | 9.537                                   | 1.727                                   | 3                                       | 1,5                                     | 16                                      | 9,8                                     | 21,9 21,9                               | 3.735 12.744                            | 105                                     | 110                                     | 0,378                                   |                                         |                                         |                                         |                                         |
| -                                       | -                                       | -                                       | -                                       | -                                       | -                                       | -                                       | -                                       | -                                       | -                                       | -                                       | -                                       |                                         |                                         |                                         |                                         |



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



VERTICAL SYSTEM  
SISTEMA VERTICAL