

# BLAST CHILLERS-FREEZERS BLIZZAIR SU



| STRUCTURE                             |   |
|---------------------------------------|---|
| <i>Panels</i>                         | <i>Isothermal (Insulated)</i>   |
| <i>Insulation type</i>                | <i>Poliurethane foam injected at high density</i>                               |
| <i>Insulation density</i>             | <i>42 Kgs/mc</i>  |
| <i>Insulation thickness</i>           | <i>100 - 140 mm</i>   |
| <i>Panels' connection</i>             | <i>Dual action eccentric hooks</i>  |
| <i>Inner panels' corners</i>          | <i>Rounded</i>  |
| <i>Inner panels' base corners</i>     | <i>Rounded</i>  |
| <i>Inner surface</i>                  | <i>st/st AISI 304</i>   |
| <i>Outer surface</i>                  | <i>Lamplast panels or st/st AISI 304 (on request)</i>                           |
| <i>Ceiling outer surface</i>          | <i>Lamplast panels or st/st AISI 304 (on request)</i>                           |
| <i>Rack-bumper on inner perimeter</i> | <i>st/st AISI 304</i>   |
| <i>Floor surface</i>                  | <i>Phenolic stratified resin</i>  |
| <i>Floor thickness</i>                | <i>100 - 140 mm</i>   |
| HINGES                                |   |
| <i>Finishing</i>                      | <i>Painted, with plastic cover</i>  |
| <i>Self-lifting</i>                   | <i>To ease the opening and prevent seal wearing</i>                             |
| <i>Safety opening</i>                 | <i>Push-type</i>  |
| CLOSING SYSTEM                        |   |
| <i>Mechanism type</i>                 | <i>Self-closing gas piston</i>  |
| <i>Handle type</i>                    | <i>Anti-bump handle in st/st AISI 304</i>                                       |
| AIR DISTRIBUTION                      |   |
| <i>Flow features</i>                  | <i>Single or bidirectional according to the chillers geometry</i>               |
| <i>Evaporator</i>                     | <i>Specific for freezing</i>  |
| <i>Horizontal channels</i>            | <i>st/st AISI 304 (when expected)</i>   |
| <i>Vertical channels</i>              | <i>st/st AISI 304 (when expected)</i>   |
| <i>Air speed inside the prover</i>    | <i>At variable speed</i>  |
| <i>Heating</i>                        | <i>Not expected</i>   |
| <i>Defrosting</i>                     | <i>Special stainless steel AISI armored or hot gas (depending on the model)</i> |

| <i>CONDENSER UNIT</i>                       |   |
|---|---|
| <i>Refrigerating fluid</i>                  | <i>ODP = 0 (Ozone Depletion Potential = 0)</i>  |
| <i>Refrigerating unit position</i>          | <i>Remote</i>   |
| <i>Condenser</i>                            | <i>Super-tropical for room temperature up to 43°C</i>   |
| <i>Condenser cooling</i>                    | <i>By air (on request by water)</i>   |
| <i>Compressor</i>                           | <i>Semihhermetic</i>  |
| <i>Compressor cooling</i>                   | <i>Through sucked gas</i>   |
| <i>CONTROL PANEL</i>                        |   |
| <i>Temperature sensor</i>                   | <i>03 type ntc probe for prover inside and for inner exchanger and pin probe</i>  |
| <i>Humidity sensor</i>                      | <i>Not expected</i>   |
| <i>Electric board</i>                       | <i>Frontal, to ease maintenance and control operations</i>  |
| <i>Control and display system</i>           | <i>Multilingual and multifunction display touch-screen with the possibility of interconnection to BAKEAPP 4.0 system (on request)</i>   |
| <i>Inner lighth</i>                         | <i>LED lamps</i>  |
| <i>Remote management and remote control</i> | <i>Remote control of the prover, management of on/off functions, program modification, display and reset of alarms (availability of a protected wired internet connection required)</i> |
| <i>OPERATION AND PROGRAMS</i>               |   |
| <i>Programs</i>                             | <i>20 programs with up to 4 phases for each program</i>   |
| <i>Alarms log</i>                           | <i>With HACCP registration</i>  |
| <i>Datalogger</i>                           | <i>With registration and possibility to export process data</i>   |
| <i>ACCESSORIES</i>                          |   |
| <i>Remote control</i>                       | <i>Alarm warnings by GSM (SIM card not included)</i>  |
| <i>Honeycombing</i>                         | <i>To prevent migration and condensation under the floor</i>  |
| <i>External racks bumpers</i>               | <i>High-density rubber</i>  |
| <i>Sliding doors</i>                        | <i>Manual or motorized opening / closing (available only for some models)</i>   |
| <i>Special condensing unit</i>              | <i>Completely panelled; sound-proof and/or with remote condensing unit</i>  |
| <i>OPTIONAL</i>                             |   |
| <i>Industry 4.0 version</i>                 | <i>It can be connected with our BakeApp 4.0 System</i>  |

| TYPE    | Overall width | Overall depth | Useful width | Useful depth | N° 1 door (net width) | Racks capacity |      |       | Nominal power (max consumption) | Freezing capacity (+30/-18°C) Kg/hour | Fast-cooling capacity (+90/+3°C) Kg/hour | Number of internal exchangers | Tunnel version available | Drawing ref. |
|---------|---------------|---------------|--------------|--------------|-----------------------|----------------|------|-------|---------------------------------|---------------------------------------|--|-------------------------------|--------------------------|--------------|
|         |               |               |              |              |                       | 4060           | 6080 | 80100 |                                 |                                       |  |                               |                          |              |
|         | mm            | mm            | mm           | mm           | mm                    |                |      |       | kW                              |                                       |  |                               |                          | N°           |
| 103X143 | 1030          | 1430          | 580          | 740          | 600                   | 1              | -    | -     | 3,0<br>(7,2)                    | 45                                    | 80                                       | 1                             | ND                       | 1            |
| 123X163 | 1230          | 1630          | 780          | 940          | 800                   | 2              | 1    | -     |                                 |                                       |  | 1                             | ND                       | 4            |
| 143X103 | 1430          | 1030          | 580          | 740          | 600                   | 1              | -    | -     |                                 |                                       |  | 1                             | SI                       | 2            |
| 163X123 | 1630          | 1230          | 780          | 940          | 800                   | 2              | 1    | -     |                                 |                                       |  | 1                             | SI                       | 5            |
| 163X203 | 1630          | 2030          | 780          | 1740         | 800                   | 3              | 2    | -     |                                 |                                       |  | 1                             | SI                       | 6            |
| 163X243 | 1630          | 2430          | 780          | 2140         | 800                   | 4              | 2    | -     |                                 |                                       |  | 1                             | SI                       | 7            |
| 183X143 | 1830          | 1430          | 980          | 1140         | 1000                  | 3              | 1    | 1     |                                 |                                       |  | 1                             | SI                       | 9            |
| 103X143 | 1030          | 1430          | 580          | 740          | 600                   | 1              | -    | -     | 6,0<br>(14,5)                   | 90                                    | 140                                      | 1                             | ND                       | 1            |
| 123X163 | 1230          | 1630          | 780          | 940          | 800                   | 2              | 1    | -     |                                 |                                       |  | 1                             | ND                       | 4            |
| 143X103 | 1430          | 1030          | 580          | 740          | 600                   | 1              | -    | -     |                                 |                                       |  | 1                             | SI                       | 2            |
| 163X123 | 1630          | 1230          | 780          | 940          | 800                   | 2              | 1    | -     |                                 |                                       |  | 1                             | SI                       | 5            |
| 163X203 | 1630          | 2030          | 780          | 1740         | 800                   | 3              | 2    | -     |                                 |                                       |  | 1                             | SI                       | 6            |
| 163X243 | 1630          | 2430          | 780          | 2140         | 800                   | 4              | 2    | -     |                                 |                                       |  | 1                             | SI                       | 7            |
| 183X143 | 1830          | 1430          | 980          | 1140         | 1000                  | 3              | 1    | 1     |                                 |                                       |  | 1                             | SI                       | 9            |
| 183X243 | 1830          | 2430          | 980          | 2140         | 1000                  | 6              | 2    | 2     |                                 |                                       |  | 1                             | SI                       | 10           |
| 103X143 | 1030          | 1430          | 580          | 740          | 600                   | 1              | -    | -     | 7,4<br>(18,0)                   | 110                                   | 170                                      | 1                             | ND                       | 1            |
| 103X203 | 1030          | 2030          | 580          | 1340         | 600                   | 2              | -    | -     |                                 |                                       |  | 1                             | ND                       | 3            |
| 123x163 | 1230          | 1630          | 780          | 940          | 800                   | 2              | 1    | -     |                                 |                                       |  | 1                             | ND                       | 4            |
| 143X103 | 1430          | 1030          | 580          | 740          | 600                   | 1              | -    | -     |                                 |                                       |  | 1                             | SI                       | 2            |
| 163X123 | 1630          | 1230          | 780          | 940          | 800                   | 2              | 1    | -     |                                 |                                       |  | 1                             | SI                       | 5            |
| 163X203 | 1630          | 2030          | 780          | 1740         | 800                   | 3              | 2    | -     |                                 |                                       |  | 2                             | SI                       | 25           |
| 163X243 | 1630          | 2430          | 780          | 2140         | 800                   | 4              | 2    | -     |                                 |                                       |  | 2                             | SI                       | 24           |
| 163X283 | 1630          | 2830          | 780          | 2540         | 800                   | 5              | 3    | -     |                                 |                                       |  | 2                             | SI                       | 8            |
| 183X143 | 1830          | 1430          | 980          | 1140         | 1000                  | 3              | 1    | 1     |                                 |                                       |  | 1                             | SI                       | 9            |
| 183X243 | 1830          | 2430          | 980          | 2140         | 1000                  | 6              | 2    | 2     |                                 |                                       |  | 2                             | SI                       | 29           |
| 123x163 | 1230          | 1630          | 780          | 940          | 800                   | 2              | 1    | -     | 11<br>(27)                      | 150                                   | 220                                      | 1                             | ND                       | 4            |
| 163X123 | 1630          | 1230          | 780          | 940          | 800                   | 2              | 1    | -     |                                 |                                       |  | 1                             | SI                       | 5            |
| 163X203 | 1630          | 2030          | 780          | 1740         | 800                   | 3              | 2    | -     |                                 |                                       |  | 2                             | SI                       | 6            |
| 163X243 | 1630          | 2430          | 780          | 2140         | 800                   | 4              | 2    | -     |                                 |                                       |  | 2                             | SI                       | 7            |
| 163X283 | 1630          | 2830          | 780          | 2540         | 800                   | 5              | 3    | -     |                                 |                                       |  | 2                             | SI                       | 8            |
| 183X143 | 1830          | 1430          | 980          | 1140         | 1000                  | 3              | 1    | 1     |                                 |                                       |  | 1                             | SI                       | 9            |
| 183X243 | 1830          | 2430          | 980          | 2140         | 1000                  | 6              | 2    | 2     |                                 |                                       |  | 2                             | SI                       | 29           |

| TYPE    | Overall width | Overall depth | Useful width | Useful depth | N° 1 door (net width) | Racks capacity |      |      | Nominal power (max consumption) | Freezing capacity (+30/+18°C) Kg/hour | Fast-cooling capacity (+90/+3°C) Kg/hour | Number of internal exchangers | Tunnel version available | Drawing ref. |
|---------|---------------|---------------|--------------|--------------|-----------------------|----------------|------|------|---------------------------------|---------------------------------------|--|-------------------------------|--------------------------|--------------|
|         | mm            | mm            | mm           | mm           |                       | mm             | 4060 | 6080 |                                 |                                       |  |                               |                          |              |
| 163X203 | 1630          | 2030          | 780          | 1740         | 800                   | 3              | 2    | -    | 14,7<br>(36,0)                  | 200                                   | 310                                      | 2                             | SI                       | 25           |
| 163X243 | 1630          | 2430          | 780          | 2140         | 800                   | 4              | 2    | -    |                                 |                                       |  | 2                             | SI                       | 24           |
| 163X283 | 1630          | 2830          | 780          | 2540         | 800                   | 5              | 3    | -    |                                 |                                       |  | 2                             | SI                       | 8            |
| 163X363 | 1630          | 3630          | 780          | 3340         | 800                   | 7              | 4    | -    |                                 |                                       |  | 3                             | SI                       | 27           |
| 183X243 | 1830          | 2430          | 980          | 2140         | 1000                  | 6              | 3    | 2    |                                 |                                       |  | 2                             | SI                       | 29           |
| 183X343 | 1830          | 3430          | 980          | 3140         | 1000                  | 8              | 4    | 3    |                                 |                                       |  | 3                             | SI                       | 11           |
| 183X383 | 1830          | 3830          | 980          | 3540         | 1000                  | 8              | 5    | 3    |                                 |                                       |  | 3                             | SI                       | 12           |
| 163X203 | 1630          | 2030          | 780          | 1740         | 800                   | 3              | 2    | -    | 18,4<br>(45,0)                  | 250                                   | 380                                      | 2                             | SI                       | 25           |
| 163X243 | 1630          | 2430          | 780          | 2140         | 800                   | 4              | 2    | -    |                                 |                                       |  | 2                             | SI                       | 24           |
| 163X283 | 1630          | 2830          | 780          | 2540         | 800                   | 5              | 3    | -    |                                 |                                       |  | 2                             | SI                       | 8            |
| 163X363 | 1630          | 3630          | 780          | 3340         | 800                   | 7              | 4    | -    |                                 |                                       |  | 4                             | SI                       | 28           |
| 183X243 | 1830          | 2430          | 980          | 2140         | 1000                  | 6              | 3    | 2    |                                 |                                       |  | 2                             | SI                       | 29           |
| 183X343 | 1830          | 3430          | 980          | 3140         | 1000                  | 8              | 4    | 3    |                                 |                                       |  | 3                             | SI                       | 11           |
| 183X383 | 1830          | 3830          | 980          | 3540         | 1000                  | 10             | 5    | 3    |                                 |                                       |  | 3                             | SI                       | 12           |
| 163X203 | 1630          | 2030          | 780          | 1740         | 800                   | 3              | 2    | -    | 22,0<br>(54,0)                  | 300                                   | 450                                      | 2                             | SI                       | 25           |
| 163X243 | 1630          | 2430          | 780          | 2140         | 800                   | 4              | 2    | -    |                                 |                                       |  | 2                             | SI                       | 24           |
| 163X283 | 1630          | 2830          | 780          | 2540         | 800                   | 5              | 3    | -    |                                 |                                       |  | 2                             | SI                       | 8            |
| 163X363 | 1630          | 3630          | 780          | 3340         | 800                   | 7              | 4    | -    |                                 |                                       |  | 3                             | SI                       | 27           |
| 183X243 | 1830          | 2430          | 980          | 2140         | 1000                  | 6              | 3    | 2    |                                 |                                       |  | 2                             | SI                       | 29           |
| 183X343 | 1830          | 3430          | 980          | 3140         | 1000                  | 8              | 4    | 3    |                                 |                                       |  | 3                             | SI                       | 11           |
| 183X383 | 1830          | 3830          | 980          | 3540         | 1000                  | 10             | 5    | 3    |                                 |                                       |  | 3                             | SI                       | 12           |
| 163X283 | 1630          | 2830          | 780          | 2540         | 800                   | 5              | 3    | -    | 29,3<br>(72,0)                  | 400                                   | 550                                      | 3                             | SI                       | 26           |
| 163X363 | 1630          | 3630          | 780          | 3340         | 800                   | 7              | 4    | -    |                                 |                                       |  | 4                             | SI                       | 28           |
| 183X343 | 1830          | 3430          | 980          | 3140         | 1000                  | 8              | 4    | 3    |                                 |                                       |  | 3                             | SI                       | 11           |
| 183X363 | 1830          | 3630          | 980          | 3340         | 1000                  | 8              | 4    | 3    |                                 |                                       |  | 4                             | SI                       | 13           |
| 183X383 | 1830          | 3830          | 980          | 3540         | 1000                  | 10             | 5    | 3    |                                 |                                       |  | 4                             | SI                       | 31           |
| 183X443 | 1830          | 4430          | 980          | 4140         | 1000                  | 12             | 6    | 4    |                                 |                                       |  | 4                             | SI                       | 14           |