

ICEBERG 

45235BW

|     | Nome                                  | Model                           | Modèle                                             | Modell                                  | Modelo                                       |       | ICEBERG<br>45235BW                   |
|-----|---------------------------------------|---------------------------------|----------------------------------------------------|-----------------------------------------|----------------------------------------------|-------|--------------------------------------|
|     | Campo di applicazione                 | Application field               | Champe d'application                               | Anwendungsbereich                       | Campo d'applicación                          | °C    | -18 ÷ -22                            |
|     | Alimentazione                         | Power supply                    | Alimentation                                       | Netzanschluß                            | Alimentación                                 |       | 400/3/50                             |
|     | Corrente massima assorbita            | Max. absorbed current           | Courant absorbé max.                               | Max. absorbierter Strom                 | Corriente máx. absorbida                     | A     | 11                                   |
|     | Potenza massima assorbita             | Max. absorbed power             | Puissance max. absorbée                            | Max. aufgenom. Leistung                 | Máx. Potencia absorbida                      | kW    | 5,96                                 |
|     | Tipo refrigerante                     | Refrigerant type                | Tipe du gaz                                        | Kältemittel                             | Tipo refrigerante                            |       | R404A/R507/<br>R452A/R448A/<br>R449A |
|     | Classe PED                            | PED Category                    | Catégorie PED                                      | PED-Klasse                              | Categoría PED                                |       | II                                   |
|     | Pressione sonora a 10 m **            | Sound pressure level at 10 m ** | Pression acoustique à 10 m **                      | Schalldruck in 10 m **                  | Presión sonora a 10 m **                     | dB(A) | 47                                   |
| CMP | Resa *                                | Capacity *                      | Puissance *                                        | Leistung *                              | Rendimiento *                                | W     | 2990                                 |
|     | Tipo compressore                      | Compressor type                 | Type compresseur                                   | Kompressortyp                           | Tipo compresor                               |       | E                                    |
|     | Raffreddamento compres-<br>sore       | Compressor cooling              | Refroidissement du com-<br>presseur                | Kompressorkühlung                       | Refrigeración del compresor                  |       | Vent. Forzata                        |
|     | Ventola raffreddamento<br>compressore | Compressor cooling fan          | Ventilateur de refroidisse-<br>ment du compresseur | Kompressor-Lüfter                       | Ventilador de refrigeración<br>del compresor |       | Ø200                                 |
| CND | Tpo condensatore                      | Condenser type                  | Type de condensateur                               | Kondensatortyp                          | Tipo de condensador                          |       | Saldobrasato                         |
|     | Max temperatura ingresso<br>acqua     | Max water inlet temperature     | Température maximale<br>d'entrée d'eau             | Maximale Wassereintritt-<br>stemperatur | Temperatura máxima de<br>entrada de agua     | °C    | 20                                   |
|     | Portata acqua massima                 | Max water flow                  | Débit d'eau maximum                                | Maximaler Wasserdurchfluss              | Flujo máximo de agua                         | l/h   | 1388                                 |
|     | Perdita di carico acqua               | Water pressure drop             | Chute de pression de l'eau                         | Wasserdruckabfall                       | Caída de presión del agua                    | kPa   | 50                                   |
| EVP | Passo alette                          | Fin spacing                     | Ecart ailettes                                     | Lamellenabstand                         | Paso aletas                                  | mm    | 8                                    |
|     | Sbrinamento                           | Defrost                         | Dégivrage                                          | Abtauung                                | Descongelación                               |       | EL                                   |
|     | Espansione                            | Expansion                       | Expansion                                          | Expansion                               | Expansión                                    |       | VT                                   |
|     | Ventilatori                           | Fan                             | Ventilateur                                        | Ventilator                              | Ventiladores                                 |       | 2x Ø350 AC                           |
|     | Pot nominale assorbita                | Nom. power cons.                | Puiss. nom. absorbée                               | Nennleistungsaufnahme                   | Pot. Nominal absorbida                       | W     | 360                                  |
|     | Portata aria                          | Air volume                      | Debit d' air                                       | Volumenstrom                            | Caudal aire                                  | m3/h  | 6100                                 |
|     | Freccia d'aria                        | Air throw                       | Projection d'air                                   | Reichweite                              | Flecha de aire                               | m     | 20                                   |
|     | Imballo UC X                          | Packing UC X                    | Emballage UC X                                     | Verpackung UC X                         | Embalajes UC X                               | mm    | -                                    |
|     | Imballo UC Y                          | Packing UC Y                    | Emballage UC Y                                     | Verpackung UC Y                         | Embalajes UC Y                               | mm    | -                                    |
|     | Imballo UC Z                          | Packing UC Z                    | Emballage UC Z                                     | Verpackung UC Z                         | Embalajes UC Z                               | mm    | -                                    |
|     | Imballo UE X                          | Packing UE X                    | Emballage UE X                                     | Verpackung UE X                         | Embalajes UE X                               | mm    | 1850                                 |
|     | Imballo UE Y                          | Packing UE Y                    | Emballage UE Y                                     | Verpackung UE Y                         | Embalajes UE Y                               | mm    | 830                                  |
|     | Imballo UE Z                          | Packing UE Z                    | Emballage UE Z                                     | Verpackung UE Z                         | Embalajes UE Z                               | mm    | 770                                  |
|     | Peso lordo                            | Gross weight                    | Poids brut                                         | Bruttogewicht                           | Peso bruto                                   | kg    | -                                    |
|     | Peso netto                            | Net Weight                      | Poids net                                          | Nettogewicht                            | Peso neto                                    | kg    | -                                    |
|     | Volume                                | Volume                          | Volume                                             | Volumen                                 | Volúmen                                      | m3    | A- / B1,18                           |
|     | Codice                                | Code                            | Code                                               | Kodex                                   | Codigo                                       |       | IC_W_12                              |

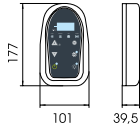
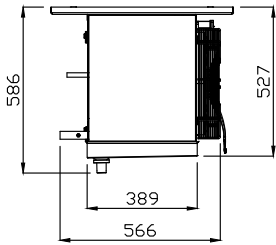
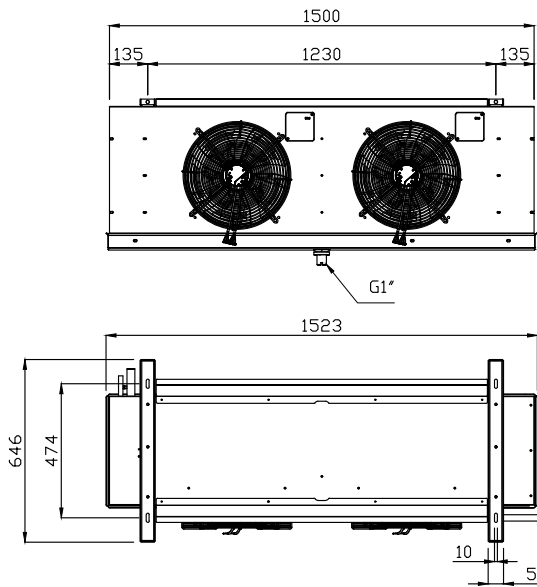
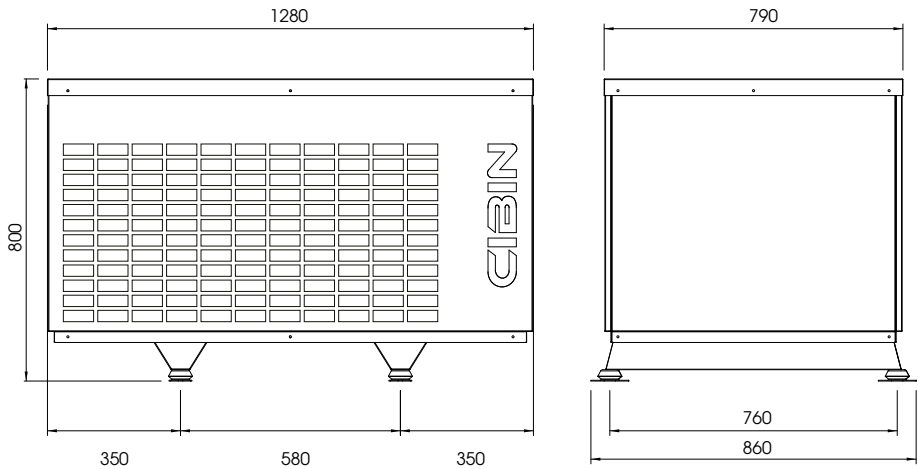
N= \* :Te= -10°C ; Tcond= + 40°C  
B= \* : Te= -30°C / Tcond= +40°C  
\*\* Dati derivanti da correlazioni empiriche

CMP : Capillare / Capillary / Capillaire / Kapillar / Capilar  
C : Compressore / Compressor / Compresseur / Kompressorleistung / Compresor  
CND : Condensatore / Condenser / Condenseur / Verflüssiger / Condensador  
EVP : Evaporatore / Evaporateur / Evaporateur / Verdampfer / Evaporador  
E : Ermetico / Hermetic / Hermetique / Vollhermetisch / Hermético  
G : Gas caldo / Hot gas / Gaz chaud / Heissgas / Gas caliente  
P : Potenza frigorifera / Cooling capacity / Puissances frigorifiques / Kälteleistung  
S : Semiermetico / Semihermetic / Semi-hermetique / Halbhermetisch / Semihermético  
Ta : Temperatura ambiente / Ambient temperature / Température ambiente

Tc : Umgebungstemperatur / Temperatura ambiente  
Tc : Temperatura cella / Cold room temperature / Température chambre froid  
Kühlraumtemperatur / Temperatura cámara  
Te : Temperatura evaporazione / evaporation temperature / température d'évaporation  
Verdampfungstemperatur / temperatura de evaporación  
Tcond : Temperatura condensazione / condensation temperature / température de condensation  
Kondensatontemperatur / temperatura de condensación  
Vol : Volume cella / Coldroom volume / Volume chambre / Kühlzellenvolumen / Volúmen cámara  
VT : Valvola termostatica / Expansion valve / Détendeur thermostatique  
Thermostatisches Expansionsventil Válvula termostática



Versione Professional  
Professional version  
Professionnel  
Beruflich  
Profesional



RESA / VOLUME - CAPACITY / VOLUME - PUISSANCE/ VOLUME - LEISTUNG/ VOLUMEN - RENDIMIENTO/ VOLUMEN  
Volume calculation conditions: pag. 227

| ICEBERG 45235BW | Tc  | °C | -22  |      |      |      | -20   |      |      |      | -18   |       |      |      |
|-----------------|-----|----|------|------|------|------|-------|------|------|------|-------|-------|------|------|
|                 | Ta  | °C | 27   | 32   | 38   | 43   | 27    | 32   | 38   | 43   | 27    | 32    | 38   | 43   |
|                 | Pf  | W  | 4563 | 4563 | 4563 | 4563 | 4984  | 4984 | 4984 | 4984 | 5404  | 5404  | 5404 | 5404 |
|                 | Vol | m3 | 87,5 | 77,0 | 65,0 | 55,7 | 104,1 | 91,3 | 76,9 | 65,7 | 123,0 | 107,6 | 90,2 | 76,9 |
|                 |     |    |      |      |      |      |       |      |      |      |       |       |      |      |

! Max temperatura ambiente: +43°C / Max ambient temperature: +43°C / Température ambiante maximale: + 43°C / Max Umgebungstemperatur: +43°C / Temperatura ambiente maxima: +43°C

Disegno tecnico indicativo. Le misure reali potrebbero subire delle variazioni. Indicative technical drawing. Actual measurements may vary.