

TUAREG S

55245SBI



|     | Nome                                 | Model                                | Modell                             | TUAREG 55245SBI |
|-----|--------------------------------------|--------------------------------------|------------------------------------|-----------------|
|     | Campo di applicazione                | Application field                    | Anwendungsbereich °C               | -25 ÷ -35       |
|     | Alimentazione                        | Power supply                         | Netzanschluß                       | 400/3/50        |
|     | Corrente massima assorbita [A]       | Max. absorbed current                | Max. absorbierter Strom A          | 26,9            |
|     | Potenza massima assorbita [kW]       | Max. absorbed power                  | Max. aufgenommene Leistung kW      | 8,41            |
|     | Tipo refrigerante                    | Refrigerant type                     | Kältemittel                        | R455A           |
|     | Classe PED                           | PED Category                         | PED-Klasse                         | II              |
|     | PS                                   | PS                                   | PS bar                             | 26              |
|     | Pressione sonora a 10 m**            | Sound pressure level at 10 m**       | Schalldruck in 10 m** dB(A)        | 48              |
|     | Capacità nominale di raffreddamento* | Nominal refrigeration capacity*      | Nennkühlleistung W                 | 4341            |
|     | COP*                                 | COP*                                 | COP* W/W                           | 1,28            |
|     | SEPR                                 | SEPR                                 | SEPR kWh/kWh                       | 1,90            |
|     | Consumo annuo di energia elettrica   | Annual electrical energy consumption | Jährlicher Stromverbrauch kWh/year | 17044           |
| CMP | Tipo compressore                     | Compressor type                      | Kompressor typ mm                  | S+I             |
|     | Numero compressori                   | Compressor number                    | Anzahl Kompressoren                | 1               |
|     | Controllo di capacità                | Capacity control                     | Kapazitätskontrolle                | Inverter        |
|     | Minimo fattore di carico             | Minimum power factor                 | Mindestlastfaktor %                | 43              |
| CND | Passo alette                         | Fin spacing                          | Lamellenabstand mm                 | 2,5             |
|     | Volume condensatore                  | Condenser volume                     | Kondensatorvolumen l               | 4,42            |
|     | Ventilatori                          | Fan                                  | Ventilator                         | 2 x Ø450        |
|     | Tipo ventilatore                     | Fan type                             | Ventilator typ                     | EC              |
|     | Tipo controllo                       | Control type                         | Kontrolltyp                        | 0-10 Vdc        |
|     | Pot nominale assorbita               | Nom. power cons.                     | Nennleistungsaufnahme W            | 1000            |
|     | Portata aria                         | Air volume                           | Volumenstrom m3/h                  | 5800            |
|     | Volume ricevitore                    | Receiver volume                      | Empfängerlautstärke l              | 5,6             |
|     | Imballo X                            | Packing X                            | Verpackung X mm                    | 1650            |
|     | Imballo Y                            | Packing Y                            | Verpackung Y mm                    | 1400            |
|     | Imballo Z                            | Packing Z                            | Verpackung Z mm                    | 1650            |
|     | Peso lordo                           | Gross weight                         | Bruttogewicht kg                   | -               |
|     | Peso netto                           | Net Weight                           | Nettogewicht kg                    | -               |
|     | Volume imballo                       | Volume                               | Volumen m3                         | 3,81            |
|     | Codice                               | Code                                 | Kodex                              | -               |

N= \* :Te= -10°C ; Ta= + 32°C

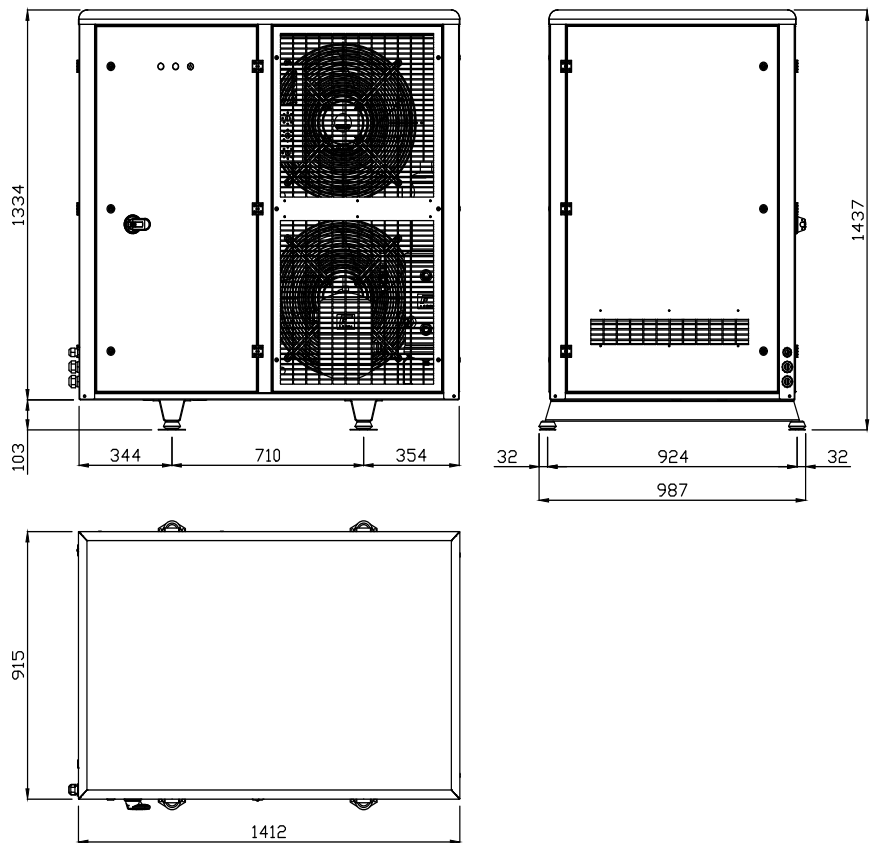
B= \* : Te= -35°C ; Ta= +32°C

\*\* Risultato derivante da correlazioni teoriche



R455A is a flammable refrigerant. Refer to EN 378-1 for charge limits

- CMP : Compressore / Compressor / Compresseur / Kompressorleistung / Compresor
- CND : Condensatore / Condenser / Condenseur / Verflüssiger / Condensador
- E : Ermetico / Hermetic / Hermétique / Vollhermetisch / Hermético
- EC : Ventilatore elettronico / Electronic fan / Ventilateur électronique / Elektronischer Ventilator / Ventilador electrónico
- Pf : Potenza frigorifera / Cooling capacity / Puissances frigorifiques / Kälteleistung / Potencia frigorífica
- Pe : Potenza elettrica assorbita / Electrical power consumption / Consommation électrique / Elektrischer Stromverbrauch / Consumo de energía eléctrica
- S : Semihermetico / Semihermetic / Semi-hermetique / Halbhermetisch / Semihermético
- Ta : Temperatura ambiente / Ambient temperature / Température ambiente / Umgebungstemperatur / Temperatura ambiente
- Te : Temperatura evaporazione / evaporation temperature / température d'évaporation / Verdampfungstemperatur / temperatura de evaporación



| TUAREG 55245SBI | Te        | °C  | -35  |      |      |      | -30  |      |      |      | -25  |      |      |      |
|-----------------|-----------|-----|------|------|------|------|------|------|------|------|------|------|------|------|
|                 | Ta        | °C  | 27   | 32   | 38   | 43   | 27   | 32   | 38   | 43   | 27   | 32   | 38   | 43   |
|                 | Pf        | W   | 5308 | 4341 | 3180 | 2212 | 7394 | 6377 | 5156 | 4138 | 9428 | 8360 | 7079 | 6011 |
|                 | Pe        | W   | 3539 | 3396 | 3223 | 3080 | 4122 | 4043 | 3948 | 3869 | 4772 | 4758 | 4741 | 4727 |
|                 | COP [W/W] | W/W | 1,50 | 1,28 | 0,99 | 0,72 | 1,79 | 1,58 | 1,31 | 1,07 | 1,98 | 1,76 | 1,49 | 1,27 |

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