

# KBF

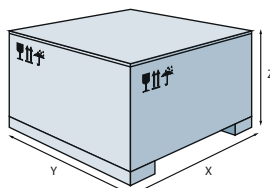
 SERIE A TAMPONE  
 SLOT-IN SERIES  
 SÉRIE À TAMPON  
 PUFFERSERIE  
 SERIE DE TAMPÓN

**18 TN E M**
**18 TN E T**
**23 TN E M**
**23 TN E T**

|     | KBF 18 TN E M | KBF 18 TN E T | KBF 23 TN E M | KBF 23 TN E T | Modello                 | Model                 | Modèle                  | Modell                     | Modelo                   |                        |                |
|-----|---------------|---------------|---------------|---------------|-------------------------|-----------------------|-------------------------|----------------------------|--------------------------|------------------------|----------------|
| °C  | +5 ÷ -2       | +5 ÷ -2       | +5 ÷ -2       | +5 ÷ -2       | Campo applicazione      | Application field     | Champe d'application    | Anwendungsbe-<br>reich     | Campo d'applicación      |                        |                |
|     | 230V/1/50Hz   | 400V/3/50Hz   | 230V/1/50Hz   | 400V/3/50Hz   | Alimentazione           | Power supply          | Alimentation            | Netzanschluß               | Alimentación             |                        |                |
| A   | 7,6           | 4,3           | 9,9           | 5,1           | Corrente max. assorbita | Max. absorbed current | Courant absorbé max.    | Max. absorbierter Strom    | Corriente máx. absorbida |                        |                |
| kW  | 1,6           | 1,7           | 1,9           | 2,3           | Potenza max. assorbita  | Max. absorbed power   | Puissance max. absorbée | Max. aufgenommene Leistung | Máx. potencia absorbida  |                        |                |
|     | R452A         | R452A         | R452A         | R452A         | Tipo refrigerante       | Refrigerant type      | Tipe du gaz             | Kältemittel                | Tipo refrigerante        |                        |                |
| W   | 1800          | 1868          | 2114          | 2211          | Resa *                  | Capacity *            | Puissance *             | Leistung *                 | Rendimiento *            |                        |                |
| CMP | CV            | 1             | 1             | 1.2           | 1.2                     | Potenza nominale      | Power rating            | Puissance nominale         | Nennleistung             | Potencia nominal       |                |
|     |               | E             | E             | E             | E                       | Tipo compressore      | Compressor type         | Type compresseur           | Kompressortyp            | Tipo compresor         |                |
| CND | mm            | 2.5           | 2.5           | 2.5           | 2.5                     | Passo alette          | Fin spacing             | Ecart alettes              | Lamellenabstand          | Paso aletas            |                |
|     |               | 2 x Ø 254     | 2 x Ø 254     | 2 x Ø 254     | 2 x Ø 254               | Ventilatori           | Fan                     | Ventilateur                | Ventilator               | Ventiladores           |                |
|     | W             | 146           | 146           | 146           | 146                     | Pot. nom. assorbita   | Nom. power cons.        | Puiss. nom. absorbée       | Nennleistungsaufnahme    | Pot. nominal absorbida |                |
|     | m³/h          | 1500          | 1500          | 1500          | 1500                    | Portata aria          | Air volume              | Debit d' air               | Volumenstrom             | Caudal aire            |                |
| EVP | mm            | 4.2           | 4.2           | 4.2           | 4.2                     | Passo alette          | Fin spacing             | Ecart alettes              | Lamellenabstand          | Paso aletas            |                |
|     |               | HG            | HG            | HG            | HG                      | Sbrinamento           | Defrost                 | Dégivrage                  | Abtauung                 | Descongelación         |                |
|     |               | VT            | VT            | VT            | VT                      | Espansione            | Expansion               | Expansion                  | Expansion                | Expansión              |                |
|     |               | 2 x Ø 254     | 2 x Ø 254     | 2 x Ø 254     | 2 x Ø 254               | Ventilatori           | Fan                     | Ventilateur                | Ventilator               | Ventiladores           |                |
|     | W             | 146           | 146           | 146           | 146                     | Pot. nom. assorbita   | Nom. power cons.        | Puiss. nom. absorbée       | Nennleistungsaufnahme    | Pot. nominal absorbida |                |
|     |               | m³/h          | 1400          | 1400          | 1400                    | 1400                  | Portata aria            | Air volume                 | Debit d' air             | Volumenstrom           | Caudal aire    |
|     | m             | 6             | 6             | 6             | 6                       | 6                     | Freccia d' aria         | Air throw                  | Projection d'air         | Reichweite             | Flecha de aire |
| kg  | 90            | 90            | 93            | 93            | Peso netto              | Net Weight            | Poids net               | Nettogewicht               | Peso neto                |                        |                |
| kg  | 128           | 128           | 131           | 131           | Peso lordo              | Gross weight          | Poids brut              | Bruttogewicht              | Peso bruto               |                        |                |
|     | 111102354     | 111102355     | 111102357     | 111102356     | Codice                  | Code                  | Code                    | Kodex                      | Codigo                   |                        |                |

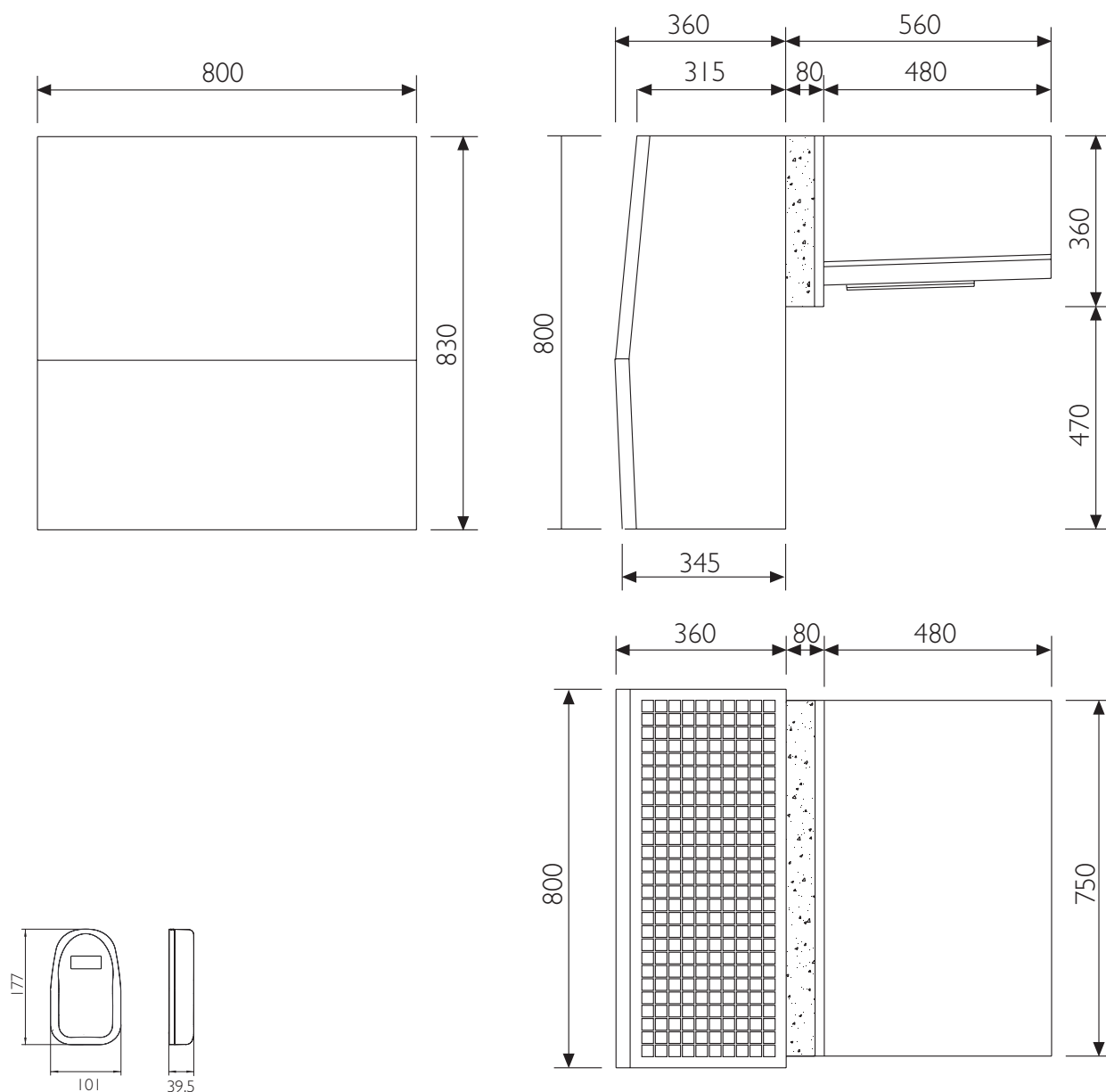
\* = -10°C / +40°C TN

|    |      |   |                         |
|----|------|---|-------------------------|
| mm | 890  | X | Imballi<br>Packing      |
| mm | 970  | Y | Emballage<br>Verpackung |
| mm | 1050 | Z | Embalajes               |



C : Capillare / Capillary / Capillaire / Kapillar / Capilar  
 CMP: Compressore / Compressor / Compresseur / Kompressorleistung / Compresor  
 CND: Condensatore / Condenser / Condenseur / Verflüssiger / Condensador  
 E : Ermetico / Hermetic / Hermetique / Vollhermetisch / Hermético  
 EVP: Evaporatore / Evaporateur / Evaporateur / Verdampfer / Evaporador  
 HG : Gas caldo / Hot gas / Gaz chaud / Heissgas / Gas caliente  
 P : Potenza frigorifera / Cooling capacity / Puissances frigorifiques / Kälteleistung  
 Potencia frigorífica

S : Semiermetico / Semihermetic / Semi-hermetique / Halbhermetisch / Semihermético  
 Ta : Temperatura ambiente / Ambient temperature / Température ambiante  
 Umgebungstemperatur / Temperatura ambiente  
 Tc : Temperatura cella / Cold room temperature / Température chambre froid  
 Kühlraumtemperatur / Temperatura cámara  
 V : Volume cella / Coldroom volume / Volume chambre / Kühlzellenvolumen / Volumen cámara  
 VT : Valvola termostatica / Expansion valve / Détendeur thermostatique / Thermostatisches  
 Expansionsventil / Válvula termostática



**KBF**

RESA - CAPACITY - PUISSANCE - LEISTUNG - RENDIMIENTO / VOLUME - VOLUME - VOLUME - VOLUMEN - VOLUMEN

|                      | Tc [°C]       | -2      |       |       |      | 0     |       |       |       | 5     |       |       |       |
|----------------------|---------------|---------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|
|                      |               | Ta [°C] | 27    | 32    | 38   | 43    | 27    | 32    | 38    | 43    | 27    | 32    | 38    |
| <b>KBF 18 TN E M</b> | <b>P [W]</b>  | 1953    | 1772  | 1655  | 1553 | 2033  | 1956  | 1825  | 1672  | 2390  | 2309  | 2162  | 2100  |
|                      | <b>V [m3]</b> | 16.48   | 12.80 | 9.94  | 7.87 | 19.79 | 16.65 | 12.88 | 9.79  | 35.94 | 29.94 | 22.67 | 18.59 |
| <b>KBF 18 TN E T</b> | <b>P [W]</b>  | 1945    | 1833  | 1673  | 1573 | 2113  | 1989  | 1846  | 1701  | 2480  | 2360  | 2145  | 1972  |
|                      | <b>V [m3]</b> | 16.45   | 13.40 | 10.12 | 8.07 | 21.12 | 17.09 | 13.15 | 10.01 | 38.01 | 31.05 | 22.89 | 16.97 |
| <b>KBF 23 TN E M</b> | <b>P [W]</b>  | 2104    | 1927  | 1790  | 1650 | 2261  | 2106  | 1919  | 1857  | 2612  | 2511  | 2371  | 2300  |
|                      | <b>V [m3]</b> | 18.38   | 14.51 | 11.22 | 8.63 | 23.08 | 18.50 | 13.85 | 11.47 | 41.04 | 33.86 | 26.19 | 21.47 |
| <b>KBF 23 TN E T</b> | <b>P [W]</b>  | 2160    | 2031  | 1847  | 1699 | 2285  | 2146  | 2014  | 1851  | 2692  | 2586  | 2343  | 2202  |
|                      | <b>V [m3]</b> | 19.23   | 16.36 | 12.27 | 9.13 | 23.05 | 19.20 | 15.72 | 11.64 | 41.90 | 35.47 | 25.57 | 19.80 |

Serie a tampone - Slot-in series - Série à tampon - Pufferserie - Serie de tampon