# KPC

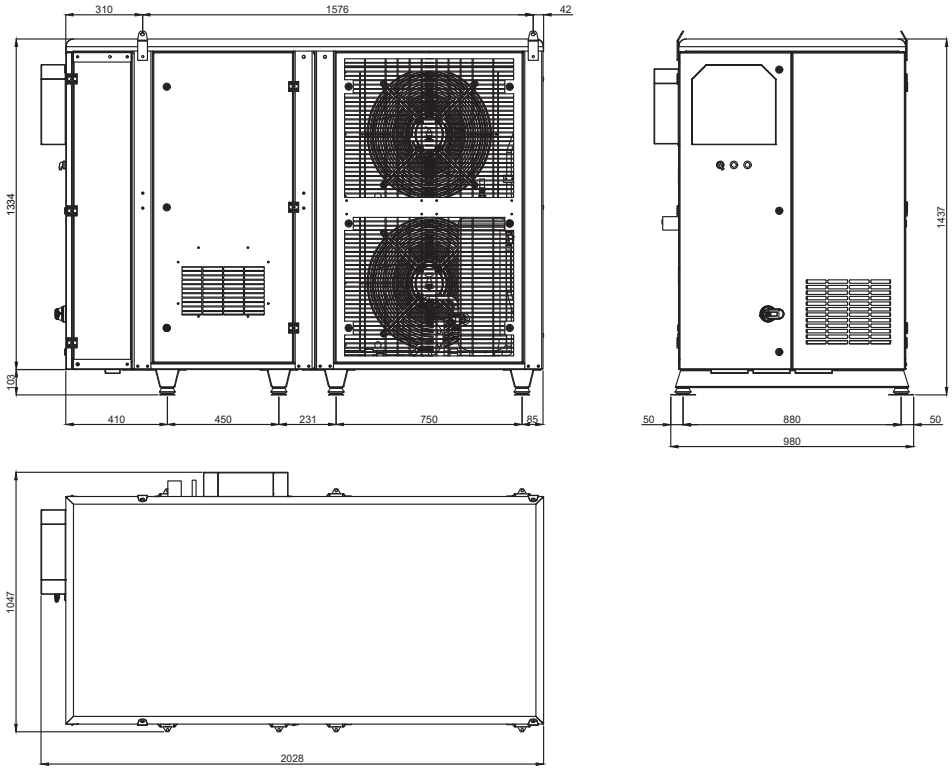
## 45B

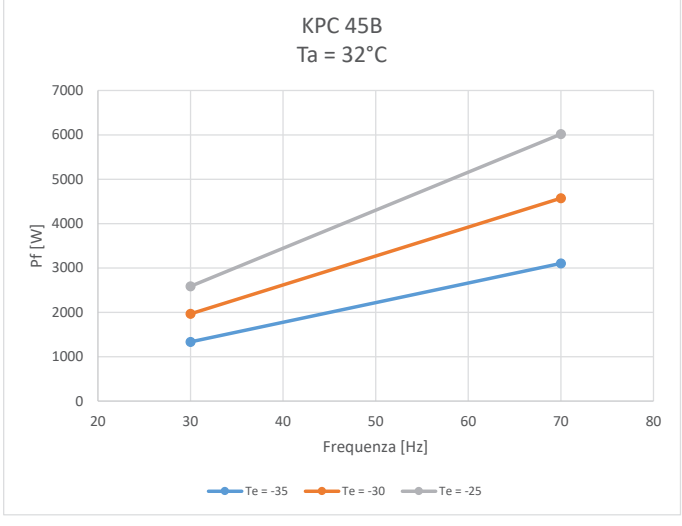
| | Nome | Model | Modell | | KPC 45B |
|---|---|---|---|---|---|
| | Campo di applicazione | Application field | Anwendungsbereich | °C | -25 ÷ -35 |
| | Alimentazione | Power supply | Netzanschluß | | 400/3/50 |
| | Corrente massima assorbita | Max. absorbed current | Max. absorbierter Strom | A | 26,9 |
| | Potenza massima assorbita | Max. absorbed power | Max. aufgenommene Leistung | kW | 9,55 |
| | 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) | 37 |
| | Capacità nominale di raffreddamento* | Nominal refrigeration capacity* | Nennkühlleistung | W | 3103 |
| | COP* | COP* | COP* | W/W | 1,24 |
| | SEPR | SEPR | SEPR | kWh/kWh | 1,92 |
| | Consumo annuo di energia elettrica | Annual electrical energy consumption | Jährlicher Stromverbrauch | kWh/year | 12063 |
| CMP | Tipo compressore | Compressor type | Kompressortyp | mm | S+I |
| CMP | Numero compressori | Compressor number | Anzahl Kompressoren | | 1 |
| CMP | Controllo di capacità | Capacity control | Kapazitätskontrolle | | Inverter |
| CMP | Minimo fattore di carico | Minimum power factor | Mindestlastfaktor | % | 43 |
| CND | Passo alette | Fin spacing | Lamellenabstand | mm | 2,5 |
| CND | Volume condensatore | Condenser volume | Kondensatorvolumen | l | 4,4 |
| CND | Ventilatori | Fan | Ventilator | | 2 x Ø450 |
| CND | Tipo ventilatore | Fan type | Ventilatortyp | | EC |
| CND | Tipo controllo | Control type | Kontrolltyp | | 0-10 Vdc |
| CND | Pot nominale assorbita | Nom. power cons. | Nennleistungsaufnahme | W | 1000 |
| CND | 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**: Fluido refrigerante infiammabile, Flammable refrigeration fluid, Fluide frigogène inflammable, Entflammbar Kältemittel, Fluido frigorigeno inflamable
**C** : Capillare / Capillary / Capillaire / Kapillar / Capillair
**COP** : Coefficiente di prestazione / Coefficient of performance
**CMP** : Compressore / Compressor / Compresseur / Kompressorleistung / Compressor
**CND** : Condensatore / Condenser / Condenseur / Verflüssiger / Condensor
**E** : Ermetico / Hermetic / Hermetique / Vollhermetisch / Hermetische
**HG** : Gas caldo / Hot gas / Gaz chaud / Heissgas / Heet gas
**P** : Potenza frigorifera / Cooling capacity / Puissances frigorifiques Kälteleistung / Koelcapaciteit
**PS** : Pressione di progetto / Design pressure / Pression nominale / Auslegungsdruck/ Presión de diseño
**S** : Semiermetico / Semihermetic / Semi-hermetique / Halbhermetisch / Semi hermetisch
**S+I** : Semiermetico con inverter / Semi-hermetic with inverter / Semi-hermétique avec variateur / Halbhermetisch mit Inverter / Semiermético con inversor
**SEPR** : Coefficiente di prestazione energetica stagionale / Seasonal energy performance ratio / Coefficient de performance énergétique saisonnier/ Saisonale Energieeffizienz/ Índice de rendimiento energético estacional
**Ta** : Temperatura ambiente / Ambient temperature / Température ambiente Umgebungstemperatur / Omgevingstemperatuur
**Tc** : Temperatura cella / Cold room temperature / Température chambre froid Kühlraumtemperatur / Koude kamertemperatuur
**Te** : Temperatura evaporazione / evaporation temperature / température d'évaporation Verdampfungstemperatur / verdampingstemperatuur
**Tcond** : Temperatura condensazione / condensation temperature / température de condensation Kondensationstemperatur / Temperatura de condensación


edition: 2026_10_29




RESA - CAPACITY - PUISSANCE - LEISTUNG - PRESTATIE / VOLUME - VOLUME - VOLUME - VOLUME - VOLUME

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KPC 45B | Te | °C | -35 | | | | -30 | | | | -25 | | | |
| | Ta | °C | 27 | 32 | 38 | 43 | 27 | 32 | 38 | 43 | 27 | 32 | 38 | 43 |
| | Pf | W | 3763 | 3103 | 2311 | 1650 | 5269 | 4572 | 3736 | 3039 | 6750 | 6016 | 5136 | 4403 |
| | Pe | W | 2555 | 2507 | 2450 | 2402 | 2935 | 2925 | 2914 | 2905 | 3341 | 3370 | 3405 | 3435 |
| | COP | W/W | 1,47 | 1,24 | 0,94 | 0,69 | 1,80 | 1,56 | 1,28 | 1,05 | 2,02 | 1,79 | 1,51 | 1,28 |

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