KPC

50N R744

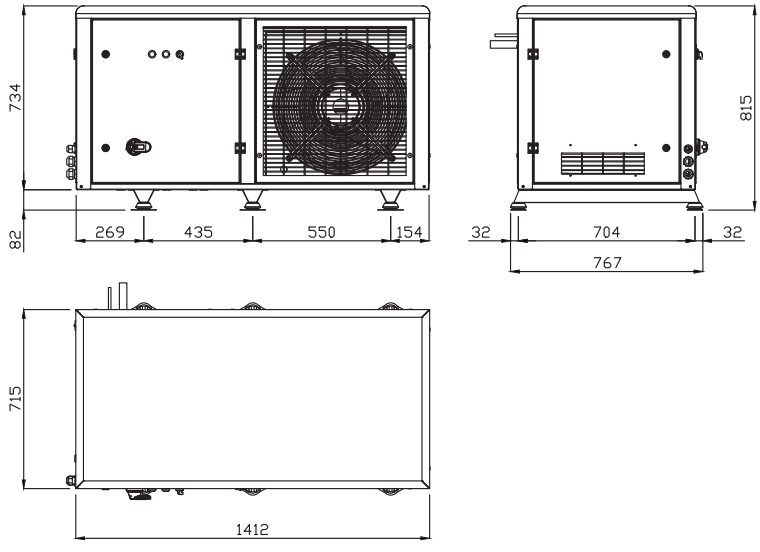
	Nome	Model	Modell		KPC 50N R744
	Campo di applicazione	Application field	Anwendungsbereich	°C	-5 ÷ -15
	Alimentazione	Power supply	Netzanschluß		400/3/50
	Corrente massima assorbita	Max. absorbed current	Max. absorbierter Strom	A	11,6
	Potenza massima assorbita	Max. absorbed power	Max. aufgenommene Leistung	kW	6,0
	Tipo refrigerante	Refrigerant type	Kältemittel		R744
	Tipologia circuito	Circuit type	Art des Kältekreislaufs		OFT
	Valvola gas caldo	Hot gas valve	Heißgasventil		VE
	Valvola flash gas	Flash gas valve	Flashgasventil		VE
	Classe PED	PED Category	PED-Klasse		II
	PS HP/MP/LP	PS HP/MP/LP	PS HP/MP/LP	bar	130 / 100 / 52
	Pressione sonora a 10 m**	Sound pressure level at 10 m**	Schalldruck in 10 m**	dB(A)	34
	Capacità nominale di raffreddamento*	Nominal refrigeration capacity*	Nennkühlleistung	kW	5,3
	COP*	COP*	COP*	kW/kW	1,72
	SEPR	SEPR	SEPR	kWh/kWh	-
	Consumo annuo di energia elettrica	Annual electrical energy consumption	Jährlicher Stromverbrauch	kWh/year	-
	Tipo compressore	Compressor type	Kompressortyp	mm	S+I
CMP	Numero compressori	Compressor number	Anzahl Kompressoren		1
	Controllo di capacità	Capacity control	Kapazitätskontrolle		Inverter
	Minimo fattore di carico	Minimum power factor	Mindestlastfaktor	%	50
	Passo alette	Fin spacing	Lamellenabstand	mm	2,5
	Volume gas cooler	Gas cooler volume	Gasvolumenkühler	l	2,3
	Ventilatori	Fan	Ventilator		1 x Ø450
GC	Tipo ventilatore	Fan type	Ventilatortyp		EC
	Tipo controllo	Control type	Kontrolltyp		0-10 Vdc
	Pot nominale assorbita	Nom. power cons.	Nennleistungsaufnahme	W	500
	Portata aria	Air volume	Volumenstrom	m3/h	2500
	Volume ricevitore	Receiver volume	Empfängerlautstärke	l	10
	Imballo X	Packing X	Verpackung X	mm	1462
	Imballo Y	Packing Y	Verpackung Y	mm	792
	Imballo Z	Packing Z	Verpackung Z	mm	1198
	Peso lordo	Gross weight	Bruttogewicht	kg	-
	Peso netto	Net Weight	Nettogewicht	kg	-
	Volume imballo	Volume	Volumen	m3	1,39
	Codice	Code	Kodex		-

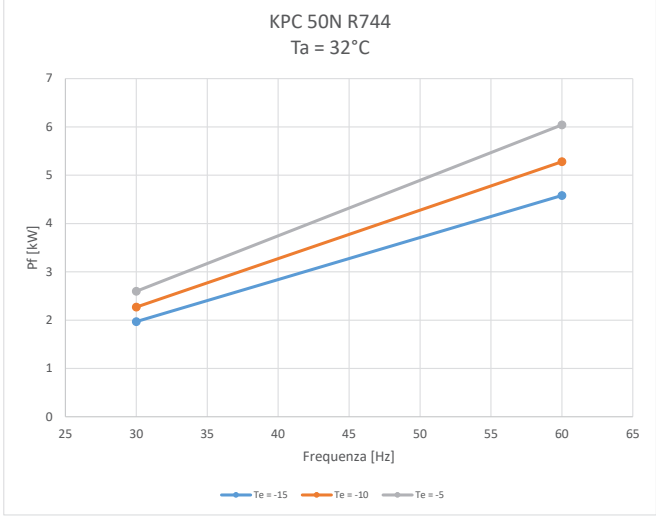
N= * :Te= -10°C ; Ta= +32°C
B= * : Te= -35°C ; Ta= +32°C
** Risultato derivante da correlazioni teoriche

CMP : Compressore / Compressor / Compresseur / Kompressorleistung / Compressor
GC : Gas Cooler
E : Ermetico / Hermetic / Hermetique / Vollhermetisch / Hermetische
EVP : Evaporatore / Evaporatour / Evaporateur / Verdampfer / Verdamper
HG : Gas caldo / Hot gas / Gaz chaud / Heissgas / Heet gas
P : Potenza frigorifera / Cooling capacity / Puissances frigorifiques Kälteleistung / Koelcapaciteit
S : Semiermetico / Semihermetic / Semi-hermetique / Halbhermetisch / Semi hermetisch
Ta : Temperatura ambiente / Ambient temperature / Température ambiente Umgebungstemperatur / Omgevingstemperatuur
I : Inverter

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 / condensatietemperatuur
V : Volume cella / Coldroom volume / Volume chambre / Kühlzellenvolumen /Koelkamervolume
VE : Valvola elettronica / Electronic valve / Valve électronique / Elektronisches Ventil / Válvula electrónica
VT : Valvola termostatica / Expansion valve / Détendeur thermostatique / Thermostatisches Expansionventil / Expansieklep

edition: 2026_10_29





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

KPC 50N R744	Te	°C	-15				-10				-5			
	Ta	°C	27	32	38	43	27	32	38	43	27	32	38	43
	Pf	kW	5,3	4,6	4,3	4,1	6,0	5,3	5,0	4,7	6,5	6,0	5,7	5,4
	Pe	kW	2,9	3,0	3,4	3,7	2,9	3,1	3,5	3,8	2,9	3,2	3,6	4,0
	COP	kW/kW	1,86	1,54	1,28	1,10	2,07	1,72	1,42	1,22	2,27	1,91	1,59	1,36

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