KPC

50N 10B

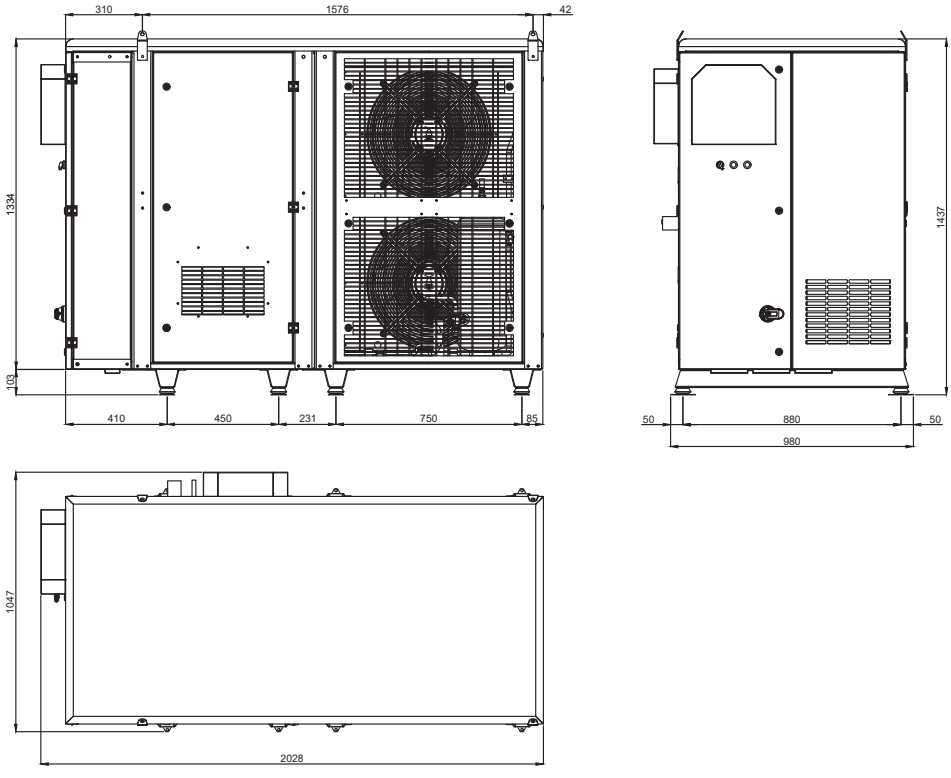
	Nome	Model	Modell		KPC 50N 10B
	Campo di applicazione TN	NT Application field	Anwendungsbereich TN	°C	-5 ÷ -15
	Campo di applicazione BT	LT Application field	Anwendungsbereich BT	°C	-25 ÷ -35
	Alimentazione	Power supply	Netzanschluß		400/3/50
	Corrente massima assorbita [A]	Max. absorbed current	Max. absorbierter Strom	A	16,60
	Potenza massima assorbita [kW]	Max. absorbed power	Max. aufgenommene Leistung	kW	6,81
	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 TN*	NT Nominal refrigeration capacity*	Nennkühlleistung TN	W	4914
	COP TN*	COP NT*	COP TN*	W/W	2,19
	Capacità nominale di raffreddamento BT*	LT Nominal refrigeration capacity*	Nennkühlleistung BT	W	958
	COP BT*	COP LT*	COP BT*	W/W	1,05
	SEPR	SEPR	SEPR	kWh/kWh	-
	Consumo annuo di energia elettrica	Annual electrical energy consumption	Jährlicher Stromverbrauch	kWh/year	-
CMP	Tipo compressore	Compressor type	Kompressortyp	mm	S+I
CMP	Numero compressori	Compressor number	Anzahl Kompressoren		2
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	4,42
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	400
	Volume imballo	Volume	Volumen	m3	3,81
	Codice	Code	Kodex		-

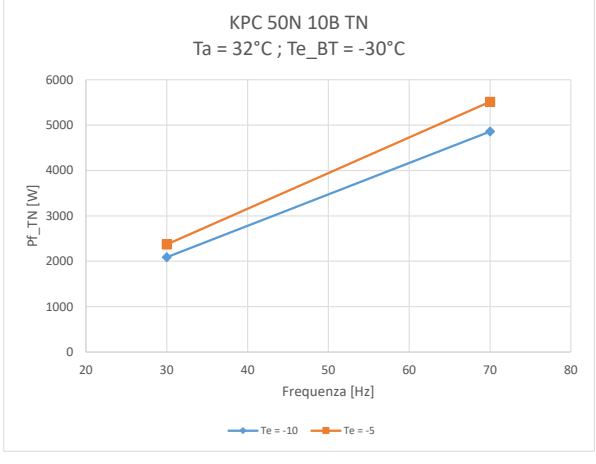
N= * :Te= -10°C ; Ta= + 32°C
B= * : Te= -35°C ; Ta= +32°C
** Risultato derivante da correlazioni teoriche

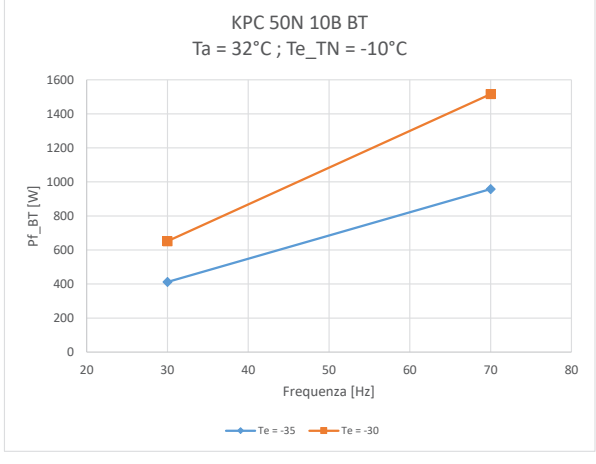
R455A: Fluido refrigerante infiammabile, Flammable refrigeration fluid, Fluide frigogène inflammable, Entflammbar Kältemittel, Fluido frigorigeno inflamable
C : Capillare / Capillary / Capillaire / Kapillar / Capillair
CMP : Compressore / Compressor / Compresseur / Kompressorleistung / Compressor
CND : Condensatore / Condenser / Condenseur / Verflüssiger / Condensor
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
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
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 10B	Te	°C	TN: -10 / BT: -35				TN: -10 / BT: -30				TN: -5 / BT: -35				TN: -5 / BT: -30			
	Ta	°C	27	32	38	43	27	32	38	43	27	32	38	43	27	32	38	43
	Pf TN	W	5356	4914	4384	3942	5301	4859	4329	3887	6049	5575	5005	4531	5990	5515	4946	4472
	Pf BT	W	1179	958	693	473	1761	1516	1221	976	1145	924	660	440	1723	1478	1184	939
	Pe	W	3093	3154	3228	3289	3263	3347	3449	3533	3295	3380	3483	3569	3471	3580	3711	3819
	COP TN	W/W	2,49	2,19	1,86	1,61	2,45	2,15	1,83	1,58	2,57	2,25	1,91	1,66	2,52	2,21	1,88	1,63
	COP BT	W/W	1,25	1,05	0,80	0,56	1,60	1,39	1,13	0,91	1,22	1,02	0,76	0,53	1,57	1,36	1,10	0,88

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