KPC

110N 20B

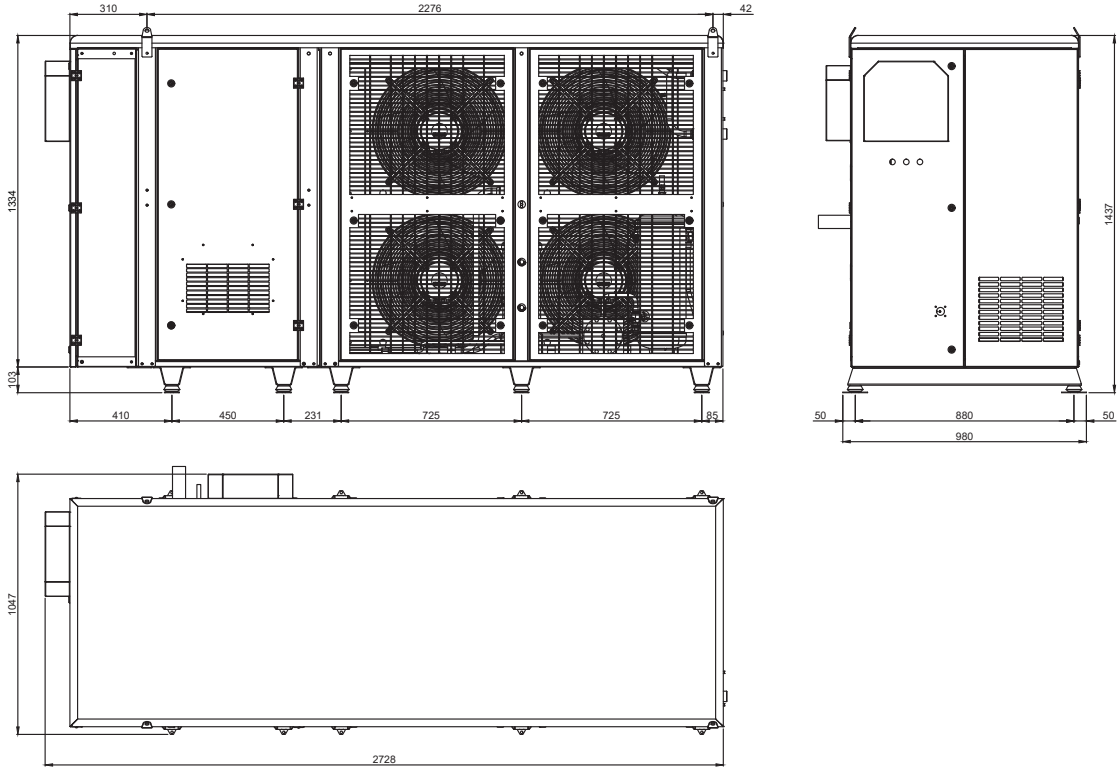
	Nome	Model	Modell		KPC 110N 20B
	Campo di applicazione TN	NT Application field	Anwendungsbereich TN	°C	-5 ÷ -15
	Campo di applicazione BT	LT Application field	Anwendungsbereich BT	°C	-25 ÷ -35
	Alimentazione	Power supply	Netzanschluß		400/3/50
	Corrente massima assorbita [A]	Max. absorbed current	Max. absorbierter Strom	A	49,40
	Potenza massima assorbita [kW]	Max. absorbed power	Max. aufgenommene Leistung	kW	17,18
	Tipo refrigerante	Refrigerant type	Kältemittel		R455A
	Classe PED	PED Category	PED-Klasse		III
	PS	PS	PS	bar	26
	Pressione sonora a 10 m**	Sound pressure level at 10 m**	Schalldruck in 10 m**	dB(A)	40
	Capacità nominale di raffreddamento TN*	NT Nominal refrigeration capacity*	Nennkühlleistung TN	W	10989
	COP TN*	COP NT*	COP TN*	W/W	2,41
	Capacità nominale di raffreddamento BT*	LT Nominal refrigeration capacity*	Nennkühlleistung BT	W	2153
	COP BT*	COP LT*	COP BT*	W/W	1,12
	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		2
	Controllo di capacità	Capacity control	Kapazitätskontrolle		Inverter
	Minimo fattore di carico	Minimum power factor	Mindestlastfaktor	%	43
	Passo alette	Fin spacing	Lamellenabstand	mm	2,5
	Volume condensatore	Condenser volume	Kondensatorvolumen	l	8,51
	Ventilatori	Fan	Ventilator		4 x Ø450
CND	Tipo ventilatore	Fan type	Ventilatortyp		EC
	Tipo controllo	Control type	Kontrolltyp		0-10 Vdc
	Pot nominale assorbita	Nom. power cons.	Nennleistungsaufnahme	W	2000
	Portata aria	Air volume	Volumenstrom	m3/h	11600
	Volume ricevitore	Receiver volume	Empfängerlautstärke	l	14,5
	Imballo X	Packing X	Verpackung X	mm	2350
	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	750
	Volume imballo	Volume	Volumen	m3	5,43
	Codice	Code	Kodex		-

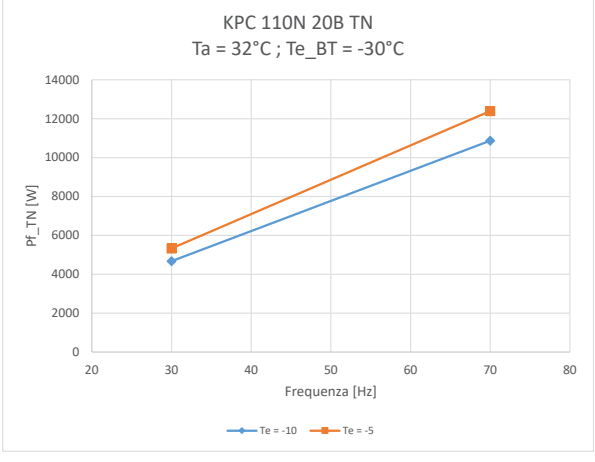
N= * :Te= -10°C ; Ta= + 32°C
B= * : Te= -35°C ; Ta= +32°C
** Risultato derivante da correlazioni teoriche

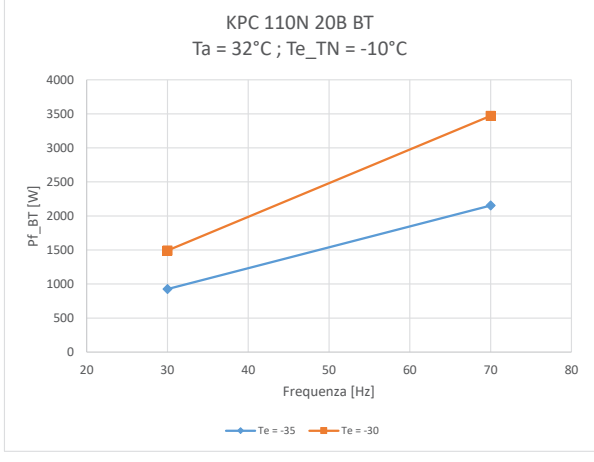
R455A: Fluido refrigerante infiammabile, Flammable refrigeration fluid, Fluide frigogène inflammable, Entflammbar Kältemittel, Fluido frigorigeno inflamable
C : Capillare / Capillary / Capillaire / Kapillar / Capillair
CMP : Compressore / Compressor / Compresseur / Kompressorleistung / Compressor
CND : 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 110N 20B	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	11841	10989	9968	9116	11719	10867	9845	8994	13406	12518	11452	10564	13279	12391	11325	10436
	Pf BT	W	2709	2153	1485	928	4058	3471	2766	2178	2614	2057	1389	832	3957	3370	2665	2077
	Pe	W	6369	6475	6603	6709	6733	6872	7038	7177	6807	6952	7126	7271	7182	7360	7573	7751
	COP TN	W/W	2,68	2,41	2,11	1,87	2,64	2,37	2,07	1,83	2,76	2,48	2,18	1,94	2,72	2,44	2,14	1,91
	COP BT	W/W	1,38	1,12	0,79	0,51	1,76	1,51	1,21	0,96	1,34	1,08	0,75	0,46	1,72	1,47	1,17	0,91

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