KPC

310N

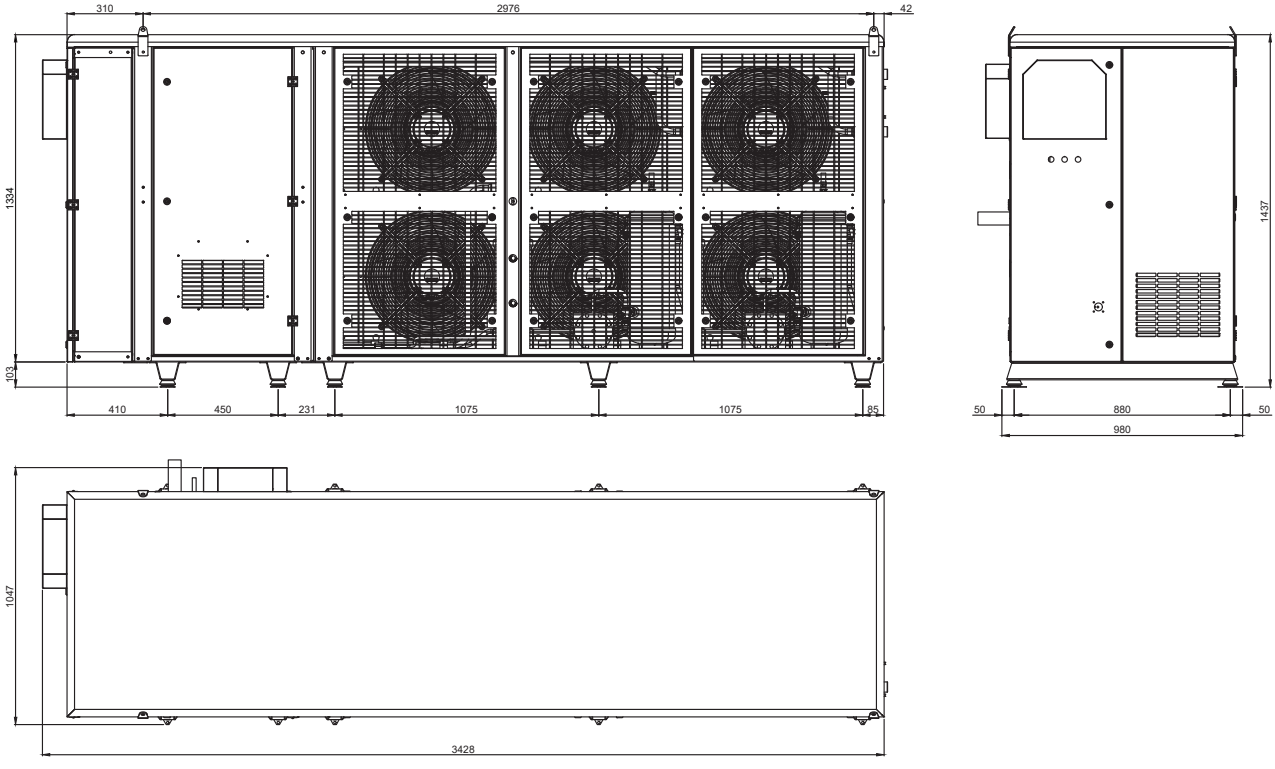
	Nome	Model	Modell		KPC 310N
	Campo di applicazione	Application field	Anwendungsbereich	°C	-5 ÷ -15
	Alimentazione	Power supply	Netzanschluß		400/3/50
	Corrente massima assorbita	Max. absorbed current	Max. absorbierter Strom	A	47,5
	Potenza massima assorbita	Max. absorbed power	Max. aufgenommene Leistung	kW	23,22
	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)	42
	Capacità nominale di raffreddamento*	Nominal refrigeration capacity*	Nennkühlleistung	W	30765
	COP*	COP*	COP*	W/W	2,40
	SEPR	SEPR	SEPR	kWh/kWh	3,27
	Consumo annuo di energia elettrica	Annual electrical energy consumption	Jährlicher Stromverbrauch	kWh/year	57777
CMP	Tipo compressore	Compressor type	Kompressortyp	mm	S+I
	Numero compressori	Compressor number	Anzahl Kompressoren		1
	Controllo di capacità	Capacity control	Kapazitätskontrolle		Inverter
	Minimo fattore di carico	Minimum power factor	Mindestlastfaktor	%	43
CND	Passo alette	Fin spacing	Lamellenabstand	mm	2,5
	Volume condensatore	Condenser volume	Kondensatorvolumen	l	16,8
	Ventilatori	Fan	Ventilator		6 x Ø450
	Tipo ventilatore	Fan type	Ventilatortyp		EC
	Tipo controllo	Control type	Kontrolltyp		0-10 Vdc
	Pot nominale assorbita	Nom. power cons.	Nennleistungsaufnahme	W	3000
	Portata aria	Air volume	Volumenstrom	m3/h	15000
	Volume ricevitore	Receiver volume	Empfängerlautstärke	l	20
	Imballo X	Packing X	Verpackung X	mm	-
	Imballo Y	Packing Y	Verpackung Y	mm	-
	Imballo Z	Packing Z	Verpackung Z	mm	-
	Peso lordo	Gross weight	Bruttogewicht	kg	-
	Peso netto	Net Weight	Nettogewicht	kg	-
	Volume imballo	Volume	Volumen	m3	-
	Codice	Code	Kodex		-

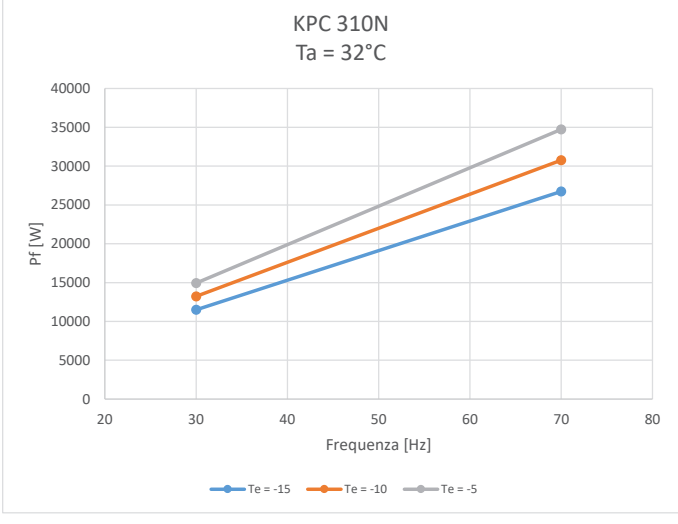
N= * :Te= -10°C ; Ta= + 32°C
B= * : Te= -35°C ; Ta= +32°C
** Risultato derivante da correlazioni teoriche

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 310N	Te	°C	-15				-10				-5			
	Ta	°C	27	32	38	43	27	32	38	43	27	32	38	43
	Pf	W	29099	26737	23902	21540	33232	30765	27805	25338	37305	34734	31648	29077
	Pe	W	11266	11450	11671	11855	12537	12817	13153	13432	13862	14238	14689	15065
	COP	W/W	2,58	2,34	2,05	1,82	2,65	2,40	2,11	1,89	2,69	2,44	2,15	1,93

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