



technoblock



BORA CB Units

*colder
than ever*



**Komercyjne urządzenia typu split
z pionowym wydmuchem skraplacza.**



MISTRAL CB Units

Urządzenia typu Split dla komercyjnych i przemysłowych komór. Kompaktowe urządzenia typu split odpowiednie do sterowania dodatnimi i ujemnymi temperaturami w komorach chłodniczych, elastyczne w instalacji, proste w użyciu, łatwe w utrzymaniu.

Bi-block systems for the commercial refrigeration. Units suitable to control positive and negative cold rooms, quick to install, simple to use, easy to maintain. R404A refrigerant (GWP = 3.922), other on request.



codice code		CBNH4250	CBNH5250	CBNH5300	CBNH6350	CBNH6450
forma form		4	5	5	6	6
tensione voltage	V/ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
max ass. el. in marcia Max Run Abs	kW	3,12	3,26	4,16	5	6,21
tipo di compressore compressor type		ermetico hermetic	ermetico hermetic	ermetico hermetic	ermetico hermetic	ermetico hermetic
volume spostato displacement	m ³ /h 50 Hz	9,40	9,40	11,80	14,9	18,77
tipo di sbrinamento defrost type		elettrico by heaters	elettrico by heaters	elettrico by heaters	elettrico by heaters	elettrico by heaters
assorbim. in sbrinam. abs. during defrost	kW	3,85	3,85	3,85	6,1	6,1

CONDENSATORE - CONDENSER

ventole fans	n°x Ø (mm)	1x350	2x300	2x300	3x300	3x300
assorbim. ventole fan absorption	n°x W	1x140	2x73	2x73	3x73	3x73
portata aria airflow	m ³ /h	2200	3140	3140	4710	4710

**EVAPORATORE
EVAPORATOR**

		EC2A30	EC2A35	EC2B35	EC3A35	EC3A35
ventole fans	n°x Ø (mm)	2x300	2x350	2x350	3x350	3x350
assorbim. ventole fan absorption	n°x W	2x73	2x140	2x140	3x140	3x140
portata aria airflow	m ³ /h	3400	5200	5200	7500	7500
freccia aria air-throw	m	10	14	14	14	14

PESO UNITÀ - UNIT WEIGHT

massa mass	kg	UC = 94 UE = 46	UC = 129 UE = 50	UC = 130 UE = 54	UC = 173 UE = 70	UC = 175 UE = 70
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TUBAZIONI - PIPING

aspirazione suction		18	18	18	28	28
liquido liquid		12	12	12	16	16

TABELLA DI SELEZIONE SELECTION TABLE

spessore isolamento insulation thickness = 80 mm

Ti °C	Ta °C	CBNH4250		CBNH5250		CBNH5300		CBNH6350		CBNH6450	
		Qo (W)	V ₈₀ m ³	Qo (W)	V ₈₀ m ³	Qo (W)	V ₈₀ m ³	Qo (W)	V ₈₀ m ³	Qo (W)	V ₈₀ m ³
-5	32	3649	39,8	3923	43,7	5415	65,3	6477	81,1	7420	95,4
	43	2930	29,7	3157	32,9	4198	47,6	5187	61,9	5809	71,1
0	32	4382	50,3	4711	55	6250	77,7	7684	99,5	8738	115,8
	43	3483	37,4	3781	41,7	4938	58,3	6162	76,4	6979	88,7
+5	32	5274	63,2	5700	69,5	7249	92,8	9259	124	10383	141,9
	43	4201	47,7	4602	53,4	5839	71,6	7472	96,2	8463	111,5

Legenda Legend**UC** Unità Condensanti Condensing unit**UE** Unità Evaporante Evaporating unit**Ta °C** Temperatura esterna Outside temperature**Ti °C** Temperatura della cella Coldroom temperature**Qo (W)** Potenza frigorifera Refrigerating power**V₈₀ m³** Volume della cella consigliato in m³ con spessore isolamento 80 mm Suggested room volume in m³ with insulation thickness 80 mm

codice code		CBKH5450	CBKH5500	CBKH6600	CBKH6800
forma form		5	5	6	6
tensione voltage	V/ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50
max ass. el. in marcia Max Run Abs	kW	4,37	5,6	8,14	10,1
tipo di compressore compressor type		ermetico hermetic	ermetico hermetic	ermetico hermetic	ermetico hermetic
volume spostato displacement	m ³ /h 50 Hz	18,80	23,70	37,40	47,10
tipo di sbrinamento defrost type		elettrico by heaters	elettrico by heaters	elettrico by heaters	elettrico by heaters
assorbim. in sbrinam. abs. during defrost	kW	3,85	3,85	6,1	6,1

CONDENSATORE - CONDENSER

ventole fans	n°x Ø (mm)	2x300	2x300	3x300	3x300
assorbim. ventole fan absorption	n°x W	2x73	2x73	3x73	3x73
portata aria airflow	m ³ /h	3140	3140	4710	4710

EVAPORATORE EVAPORATOR		EC2A35	EC2B35	EC3A35	ECA35
ventole fans	n°x Ø (mm)	2x350	2x350	3x350	3x350
assorbim. ventole fan absorption	n°x W	2x140	2x140	3x140	3x140
portata aria airflow	m ³ /h	5200	5200	7500	7500
freccia aria air-throw	m	14	14	14	14

PESO UNITÀ - UNIT WEIGHT

massa mass	kg	UC = 147 UE = 50	UC = 173 UE = 55	UC = 203 UE = 71	UC = 205 UE = 71
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TUBAZIONI - PIPING

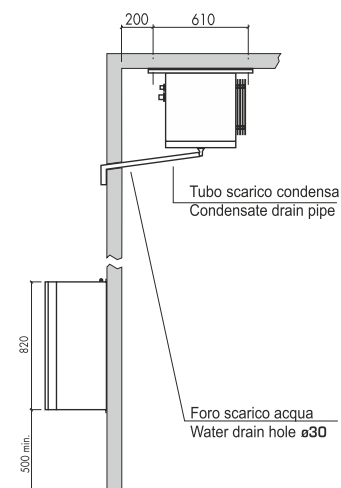
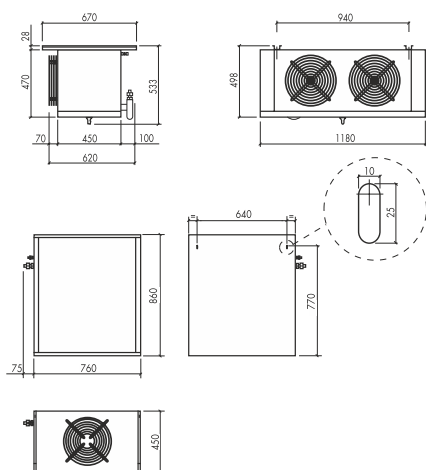
aspirazione suction		28	28	35	35
liquido liquid		12	12	16	16

TABELLA DI SELEZIONE SELECTION TABLE				spessore isolamento insulation thickness = 100 mm					
Ti °C	Ta °C	CBKH5450		CBKH5500		CBKH6600		CBKH6800	
		Qo (W)	V ₁₀₀ m ³	Qo (W)	V ₁₀₀ m ³	Qo (W)	V ₁₀₀ m ³	Qo (W)	V ₁₀₀ m ³
-18	32	4255	57,3	5009	72,5	7797	134,8	8594	154,1
	43	3247	38,2	3783	48,2	5902	91,5	6419	102,9
-22	32	3595	44,7	4254	57,3	6714	109,5	7323	123,6
	43	2708	28,6	3180	37,0	4974	71,8	5435	81,5
-25	32	3141	36,6	3731	47,2	5938	92,3	6507	104,9
	43	2320	22,0	2738	29,1	4326	58,8	4798	68,2

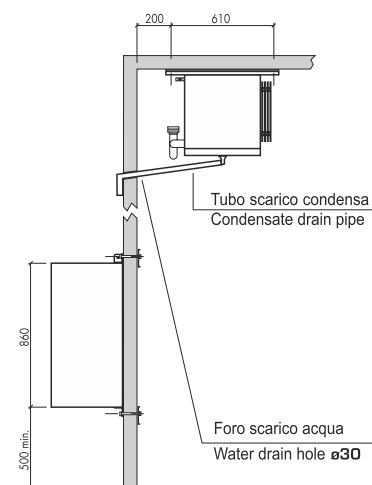
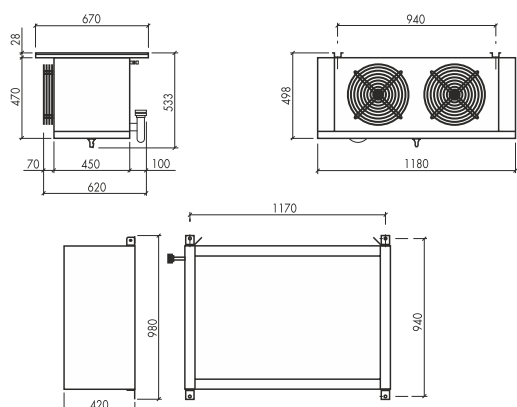
Legenda Legend

UC	Unità Condensanti Condensing unit
UE	Unità Evaporante Evaporating unit
Ta °C	Temperatura esterna Outside temperature
Ti °C	Temperatura della cella Coldroom temperature
Qo (W)	Potenza frigorifera Refrigerating power
V ₁₀₀ m ³	Volume della cella consigliato in m ³ con spessore isolamento 100 mm Suggested room volume in m ³ with insulation thickness 100 mm

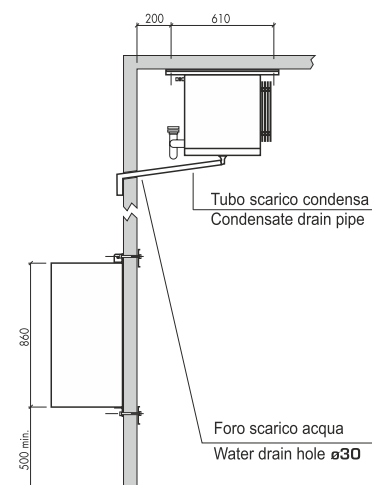
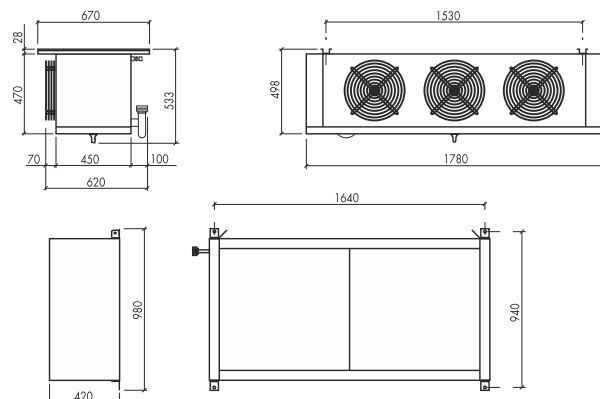
Dimensioni **Forma 4** *Form 4 Dimensions*



Dimensioni **Forma 5** *Form 5 Dimensions*



Dimensioni **Forma 6** *Form 6 Dimensions*





**LETTURA CODICE - CODE DESCRIPTION - DESCRIPTION DE CODE
CODEBESCHREIBUNG - LECTURA DE CODIGOS**

COD.	C	B	N	H	4	2	5	0	X	1	4
	1	2	3	4	5	6					

1	Serie Range Série Baureihe Serie	CB = Bi-block commerciali a parete CB = Commercial bi-block units, wall mounted CB = BI-block commerciaux, monté en paroi CB = Kommerzielle Bi-block an der Wand CB = Bi-block comerciales, montado en la pared
2	Temperatura esercizio/Refrigerante Working temperature/Refrigerant Température de travail/Refrigerant Betriebstemperatur/Kaltelmmittel Temperatura trabajo/Refrigerante	N = R404A, +5°C / -5°C - K = R404A, -18°C / -25°C L = R134a, +5°C / -5°C M = R407F, +5°C / -5°C - B = R407F, -18°C / -25°C P = R407F, +5°C / -25°C - C = R407F, -30°C / -40°C
3	Tipo compressore Compressor type Type compresseur Kompressor Tipo de compresor	H = Ermetico H = Hermetic H = Hermétique H = Hermetisch H = Hermético
4	Forma Form Forme Form Forme	4-5-6
5	Modello / (Potenza) Model/(Capacity) Modèle/(Puissance) Modell/(Leistung) Modelo / (Potencia)	250+ + 800
6	Numero progressivo di servizio Progressive service number Numéro progressif de travail Änderungsnummer Número progresivo de servicio	

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CONDIZIONI DI CALCOLO VOLUMI - VOLUME CALCULATION CONDITIONS

Versione Version	Tc °C	d Kg / m ³	Csp Kcal / Kg °C	h	sp mm	Ti °C	mov %
N Media temp. Medium Temp.	0	250	0,77	18	80 - 100	25	10
K Bassa temp. Low Temp.	-20	250	0,44	18	80 - 100	-5	10

Legenda Legend

N	Temperatura esercizio - Working temperature: +5 °C / -5 °C
K	Temperatura esercizio - Working temperature: -18 °C / -25 °C
Tc	Temperatura cella - Coldroom temperature
d	Densità di carico - Load density
Csp	Calore specifico prodotto - Product specific heat
h	Ore processo prodotto Prod. - Process duration
sp	Spessore isolamento - Insulation thickness
Ti	Temperatura di introduzione prodotto - Product entering temp.
mov	Movimentazione giornaliera prodotto - Product daily turnover



OFERTA FIRMY TECHNOBLOCK

MISTRAL



Monobloki chłodnicze
do montażu na ścianę i dach



BORA



**Urządzenia typu
splity i bi-bloki**
dla chłodnictwa
komercyjnego i przemysłowego



NORTE



**Agregaty skraplające
jedno i wielospężarkowe**
dla małego i przemysłowego chłodnictwa



TAKU



**Agregaty wody lodowej
Chillery**



ALIZÈ



Chłodnice i skraplacze



GHIBLI



Specjalne urządzenia chłodnicze

Pompy ciepła dedykowane do ogrzewania basenów
Sezonowanie i suszenie
Urządzenia do przechowywania wina





technoblock



BORA CB Units

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MONOBLOKI CHŁODNICZE TECHNOBLOCK



CE

PED Certification
Bureau Veritas Italia SpA
n° 1370



member of



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CHŁODNICTWO

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NIVIS

ul. Janusza Kusocińskiego 4
58-100 Świdnica, dolnośląskie

📍 Biuro i Magazyn Budynek A
ul. Międzyńska 4 50-514 Wrocław

✉ kontakt@nivis.com.pl
☎ +48 888 438 422



TECHNOBLOCK SRL

S.S. CISA - KM162 36/A 46029 SUZZARA (MN) ITALY

TEL. +39 0376 537011 FAX. +39 0376 537110

WWW.TECHNOBLOCK.COM TECHNOBLOCK@TECHNOBLOCK.IT

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