



MISTRAL SV Units

*colder
than ever*



Monobloki chłodnicze montowane na dachu komory



MISTRAL SV Units

Monobloki chłodnicze montowane na dachu komory

Komercyjne monobloki do zamontowania na dachu z niskoprofilową sekcją odparowania odpowiednie do sterowania dodatnimi i ujemnymi temperaturami w komorach chłodniczych, szybkie w instalacji, proste w użyciu, łatwe w utrzymaniu. Czynnik chłodniczy R404A (GWP = 3,922), inne czynniki na zapytanie.

Straddle-type monoblock units

Compact monoblocks for 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		SVN0050	SVN1060	SVN1075	SVN2100	SVN2122	SVN2120	SVN3150	SVN3200	SVN4250	SVN4300
forma form		0	1	1	2	2	2	3	3	4	4
tensione voltage	V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	230/1/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
max ass. el. in marcia Max Run Amps	kW	0,72	0,97	1,2	1,48	1,58	1,62	2,3	2,74	3,32	4,22
tipo di compressore compressor type		Ermetico Hermetic	Ermetico Hermetic	Ermetico Hermetic	Ermetico Hermetic	Ermetico Hermetic	Ermetico Hermetic	Ermetico Hermetic	Ermetico Hermetic	Ermetico Hermetic	Ermetico Hermetic
volume spostato displacement	m ³ /h 50 Hz	2,09	2,44	3,15	3,78	4,51	4,51	6,63	8,63	9,37	11,81
tipo di sbrinamento defrost type		Gas caldo By hot gas	Gas caldo By hot gas	Gas caldo By hot gas	Gas caldo By hot gas	Gas caldo By hot gas	Gas caldo By hot gas	Gas caldo By hot gas	Gas caldo By hot gas	Gas caldo By hot gas	Gas caldo By hot gas
assorbim. in sbrinam. abs. during defrost	kW	0,65	1,07	1,09	1,74	1,87	1,95	2,35	2,85	3,43	4,54

CONDENSATORE - CONDENSER

ventole fans	n°x Ø (mm)	1x230	1x250	1x250	1x300	1x300	1x300	1x330	1x330	1x400	1x400
assorbim. ventole cad. fan absorption (each)	n°x W	1x38	1x80	1x80	1x80	1x80	1x80	1x130	1x130	1x160	1x160
portata aria airflow	m ³ /h	400	750	750	1400	1400	1400	1500	1500	3100	3100

EVAPORATORE - EVAPORATOR

ventole fans	n°x Ø (mm)	1x200	1x200	1x200	2x200	2x200	2x200	2x250	2x250	3x250	3x250
assorbim. ventole cad. fan absorption (each)	n°x W	1x75	1x75	1x75	2x75	2x75	2x75	2x110	2x110	3x110	3x110
portata aria airflow	m ³ /h	500	550	550	1100	1100	1100	2300	2300	3450	3450
freccia aria air-throw	m	3	4	4	4	4	4	9,5	9,5	9,5	9,5

PESO UNITÀ - UNIT WEIGHT

massa mass	kg	42	59	59	74	75	75	92	93	149	151
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TABELLA DI SELEZIONE SELECTION TABLE						spessore isolamento insulation thickness = 80 mm					
		SVN0050		SVN1060		SVN1075		SVN2100		SVN2122	
Ti °C	Ta °C	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	836	4,3	1065	6,3	1137	7,0	1679	11,9	1863	12,5
	43	-	-	-	-	-	-	1373	8,4	1600	10,9
0	32	962	5,4	1221	7,5	1343	9,2	1961	15,1	2282	18,3
	43	-	-	-	-	-	-	1622	11,2	2021	14,6
5	32	1076	6,5	1389	9,7	1527	11,2	2342	19,1	2612	22,8
	43	-	-	-	-	-	-	1990	15,4	2310	18,6
		SVN2120		SVN3150		SVN3200		SVN4250		SVN4300	
Ti °C	Ta °C	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	1863	12,5	2839	24,7	3441	33,1	4511	46,4	5167	55,8
	43	1600	10,9	2329	17,5	2794	23,9	-	-	-	-
0	32	2282	18,3	3419	32,9	4001	41,1	5380	53,1	6095	69,6
	43	2021	14,6	2846	24,7	3279	30,7	-	-	-	-
5	32	2612	22,8	3988	41	4578	49,4	6235	71,8	7000	83,2
	43	2310	18,6	3363	32	3785	37,9	-	-	-	-



codice code		SVK0100	SVK1120	SVK1170	SVK2170	SVK2200	SVK3250	SVK3300	SVK4450	SVK4500
forma form		0	1	1	2	2	3	3	4	4
tensione voltage	V/ph/Hz	230/1/50	230/1/50	230/1/50	230/1/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
max ass. el. in marcia Max Run Amps	kW	0,92	1,16	1,39	1,46	1,82	2,75	2,6	4,1	5,28
tipo di compressore compressor type		Ermetico Hermetic	Ermetico Hermetic	Ermetico Hermetic	Ermetico Hermetic	Ermetico Hermetic	Ermetico Hermetic	Ermetico Hermetic	Ermetico Hermetic	Ermetico Hermetic
volume spostato displacement	m ³ /h 50 Hz	3,55	4,55	5,99	5,99	8,36	11,81	12,92	18,74	23,63
tipo di sbrinamento defrost type		Gas caldo By hot gas	Gas caldo By hot gas	Gas caldo By hot gas	Gas caldo By hot gas	Gas caldo By hot gas	Gas caldo By hot gas	Gas caldo By hot gas	Gas caldo By hot gas	Gas caldo By hot gas
assorbim. in sbrinam. abs. during defrost	kW	1,08	1,35	1,7	1,7	2,17	3,34	2,3	4,91	6,65

CONDENSATORE - CONDENSER

ventole fans	n°x Ø (mm)	1x230	1x250	1x250	1x300	1x300	1x330	1x330	1x400	1x400
assorbim. ventole cad. fan absorption (each)	n°x W	1x38	1x80	1x80	1x80	1x80	1x130	1x130	1x160	1x160
portata aria airflow	m ³ /h	400	750	750	1400	1400	1500	1500	3100	3100

EVAPORATORE - EVAPORATOR

ventole fans	n°x Ø (mm)	1x200	1x200	1x200	2x200	2x200	2x250	2x250	3x250	3x250
assorbim. ventole cad. fan absorption (each)	n°x W	1x75	1x75	1x75	2x75	2x75	2x110	2x110	3x110	3x110
portata aria airflow	m ³ /h	500	550	550	1100	1100	2300	2300	3450	3450
freccia aria air-throw	m	3	4	4	4	4	9,5	9,5	9,5	9,5

PESO UNITÀ - UNIT WEIGHT

massa mass	kg	48	68	68	87	87	102	102	162	165
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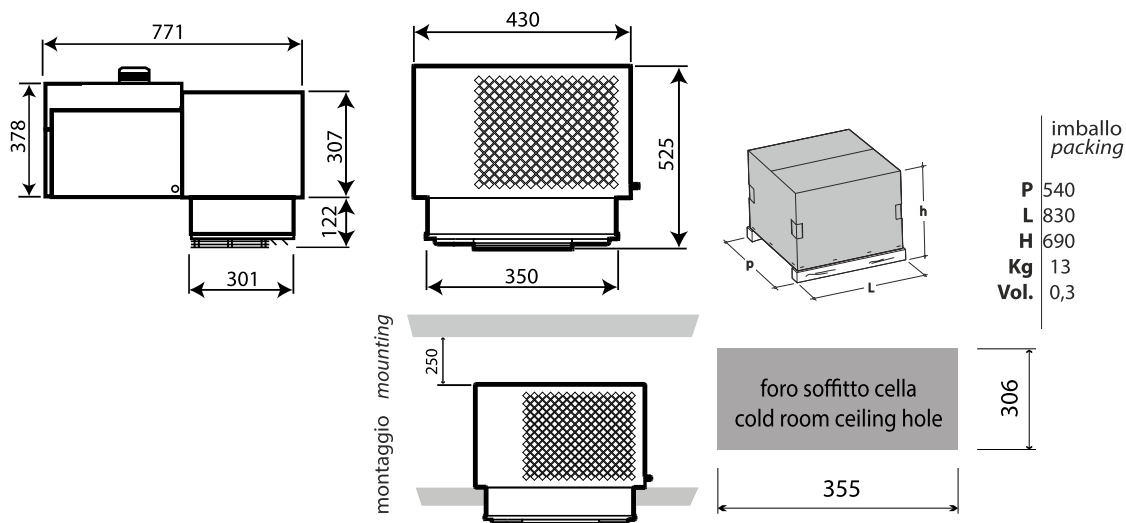
TABELLA DI SELEZIONE		SELECTION TABLE								spessore isolamento insulation thickness = 100 mm									
		SVK0100		SVK1120		SVK1170		SVK2170		SVK2200		SVK3250		SVK3300		SVK4450		SVK4500	
Ti °C	Ta °C	Q _o (W)	V ₁₀₀ m ³	Q _o (W)	V ₁₀₀ m ³	Q _o (W)	V ₁₀₀ m ³	Q _o (W)	V ₁₀₀ m ³	Q _o (W)	V ₁₀₀ m ³	Q _o (W)	V ₁₀₀ m ³	Q _o (W)	V ₁₀₀ m ³	Q _o (W)	V ₁₀₀ m ³	Q _o (W)	V ₁₀₀ m ³
-18	32	686	2,3	976	4,5	1320	7,9	1634	10,5	1904	13,9	2279	16,9	2756	25,1	4072	47,3	4648	58,6
	43	-	-	759	2,6	-	-	1335	8,6	1689	11,1	1890	12,5	2393	18,6	-	-	-	-
-22	32	562	1,5	841	3,3	1126	5,8	1422	8	1588	9,9	2091	15,2	2345	18,0	3438	35,2	3964	45,1
	43	-	-	640	1,8	-	-	1149	5,1	1386	7,5	1731	10,5	2023	14,1	-	-	-	-
-25	32	487	1,1	740	2,5	980	4,4	1263	6,3	1364	7,4	1950	13,3	2044	14,5	3021	27,7	3471	35,1
	43	-	-	552	1,3	-	-	1008	3,8	1183	5,4	1611	9,0	1742	10,5	-	-	-	-

Legenda Legend

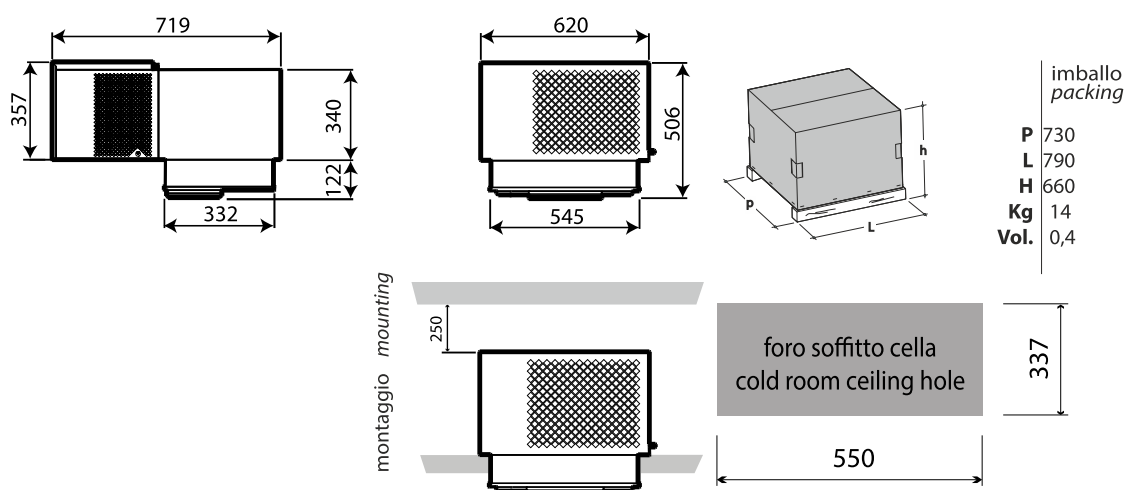
Ta °C	Temperatura esterna Outside temperature
Ti °C	Temperatura della cella Coldroom temperature
Q _o (W)	Potenza frigorifera Refrigerating power
V ₁₀₀ m ³	Volume della cella consigliato in m ³ con spessore isolamento 100 mm Suggested room volume in m ³ with insulation thickness 100 mm
V ₈₀ m ³	Volume della cella consigliato in m ³ con spessore isolamento 80 mm Suggested room volume in m ³ with insulation thickness 80 mm



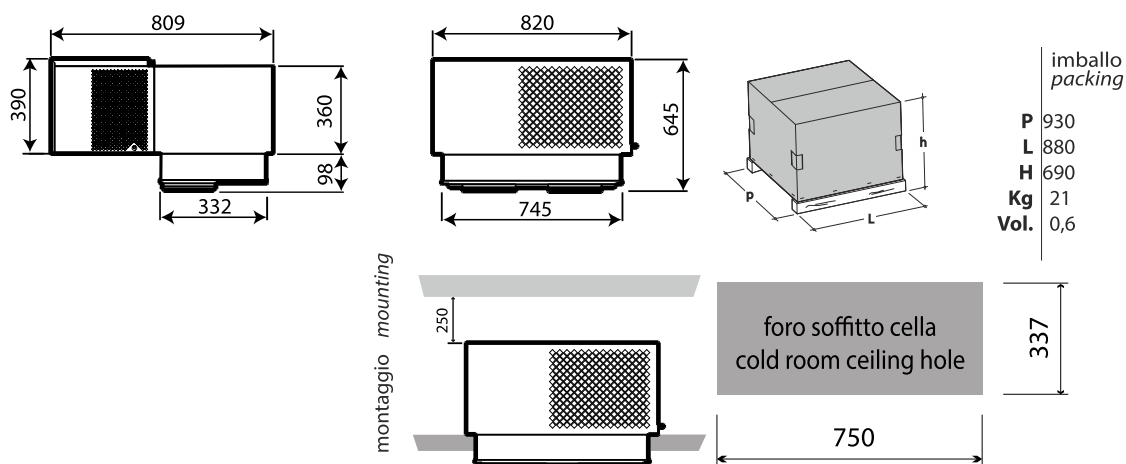
Dimensioni **Forma 0** *Form 0 Dimensions*



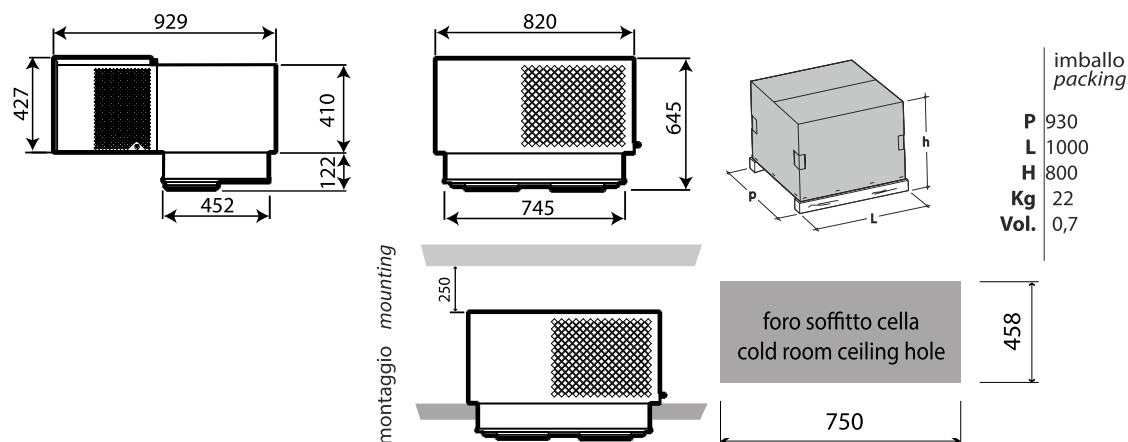
Dimensioni **Forma 1** *Form 1 Dimensions*



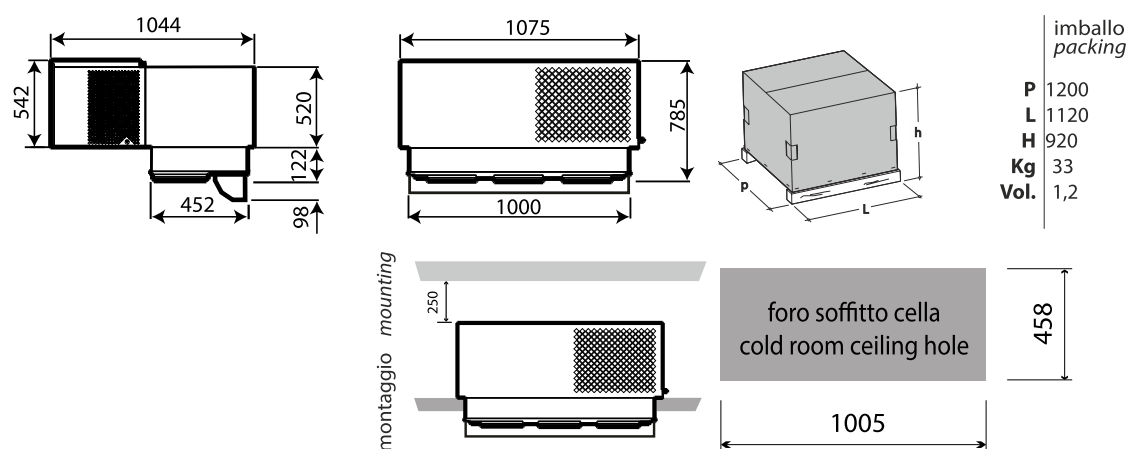
Dimensioni **Forma 2** *Form 2 Dimensions*



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



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





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

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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 wielosprężarkowe**
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



MISTRAL SV Units

*Colder
than ever*



PED Certification
Bureau Veritas Italia SpA
n° 1370



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