



UNITÀ CONDENSATRICI
PER CELLE FRIGORIFERE

CONDENSING UNITS
FOR COLD ROOMS

BLOCKSYSTEM

SU



Installazione a soffitto o a pavimento
Roof or floor mounting installation

R404A

HBP

MBP

LBP

Campo di esercizio (Te)
Operating range (Te)

+5°C ÷ -10°C

+0°C ÷ -15°C

-20°C ÷ -35°C

Potenza compressore
Compressor power

1/3 ÷ 2 HP

3/7 ÷ 22 HP

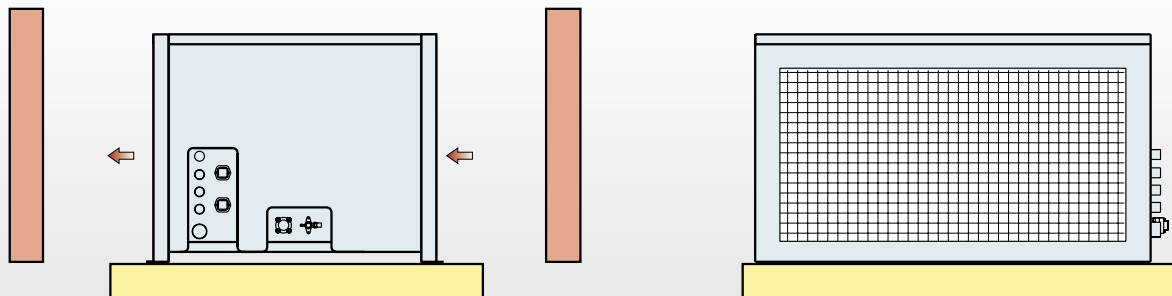
3/4 ÷ 30 HP

Potenza Frigorifera
Refrigerating capacity

800 ÷ 4650 W
Ta = 32°C (Tc = +5°C)

2500 ÷ 45900 W
Ta = 32°C (Tc = 0°C)

1700 ÷ 36900 W
Ta = 32°C (Tc = -20°C)



Caratteristiche generali

Resistenza carter (dove prevista)

Ricevitore di liquido

Indicatore di liquido

Filtro deidratatore

Valvola solenoide

Pressostato doppio (dove previsto)

Pressostato parzializzazione ventole (dove previsto)

Pressostato di massima

Attacchi a rubinetto

Carica d'azoto

Collegamenti in scatola di derivazione

imballo incluso

Optional

Gas diverso

Voltaggio diverso

Condensazione ad acqua (dove previsto)

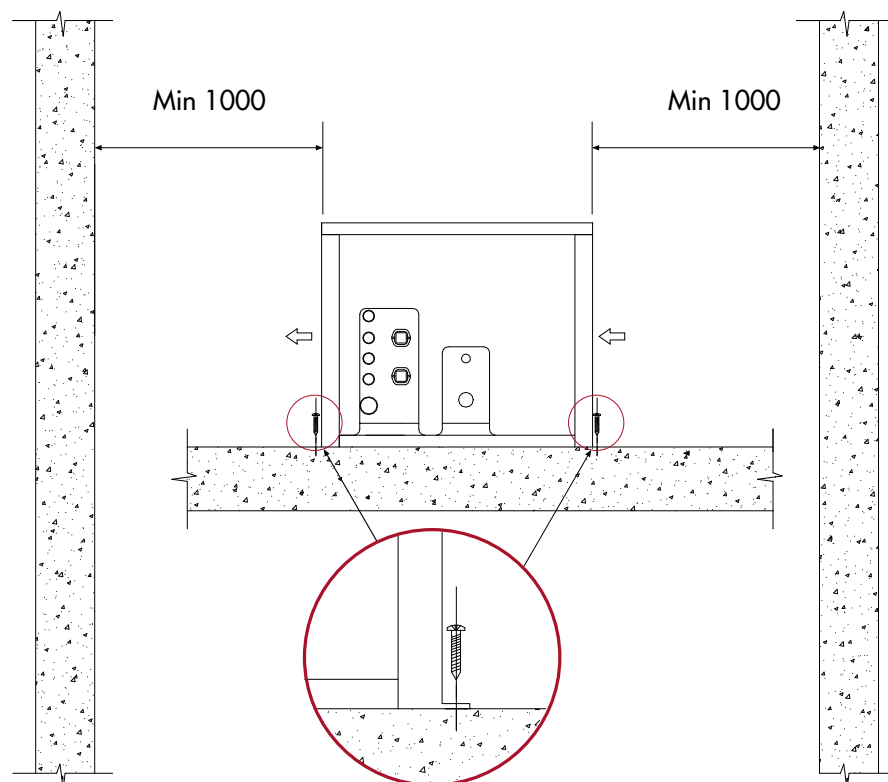
Unità condensatrice con quadro elettrico a bordo (SU/12)

Variatore di velocità ventole condensatore

Resistenza carter

Pressostato di bassa

Monitor di tensione

General features*Crankcase heater (when provided)**Liquid receiver**Sight glass**Drier filter**Solenoid valve**High-low pressure switch (when provided)**Pressure switch for condenser fan control (when provided)**High pressure switch**Valve connections**Nitrogen charge**Junction box wire connections**Package included***Optional***Different gas**Different voltage**Water condensation (when provided)**Condensing unit with built-in electrical box (SU/12)**Condenser fan speed variator**Crankcase heater**Low pressure switch**Voltage monitor***Legenda/Legend**Espansione / Expansion
V = valvola / valveTipo di compressore / Compressor type
E = ermetico / hermetic
SE = semiermetico / semi-hermetic

R404A

R404A Code	Voltage	Compressor		PED Category	Expansion		Total Absorption		Condenser Fans n° x ø m³/h	Weight kg	Refrigeration Output/Cold room volume									
		HP	kW		W	In	W	In			Ta = 32°C					Ta = 43°C				
											Te = +5°C		Te = 0°C		Te = -5°C		Te = -10°C		Te = +5°C	
SUH003Z011	230/1/50	1/3	0,245	E	V	472	2,8	2x254	1528	38,5	1077	932	792	662	829	717	609	508		
SUH006Z011	230/1/50	3/7	0,315	E	V	637	4,2	2x254	1528	39,0	1286	1109	939	783	983	850	719	598		
SUH009Z011	230/1/50	1/2	0,370	E	V	601	3,2	2x254	1211	52,5	1609	1398	1192	995	1237	1076	917	763		
SUH016Z011	230/1/50	1	0,735	E	V	1029	5,0	2x254	1550	54,5	2520	2120	1929	1639	1920	1734	1474	1249		
SUH022Z012	400/3/50	1,2	0,880	E	V	1453	2,8	2x300	1980	62,0	3320	2878	2446	2032	2541	2201	1867	1546		
SUH034Z012	400/3/50	1,25	0,920	E	V	1454	3,4	2x300	1850	64,5	3781	3308	2840	2394	2893	2533	2174	1831		
SUH054Z012	400/3/50	2	1,470	E	V	2057	4,9	2x350	3670	85,0	6262	5441	4640	3878	4812	4149	3496	2869		

Condizioni di calcolo rese e assorbimenti (HBP): temp. gas aspirato +20°C, senza sottoraffreddamento del liquido, surriscaldamento utile 100% Capacity and absorption calculation conditions (HBP): suction gas temp. +20°C, without liquid subcooling, 100% useful heat

R404A Code	Voltage	Compressor		PED Category	Expansion		Total Absorption		Condenser Fans n° x ø m³/h	Weight kg	Refrigeration Output/Cold room volume									
		HP	kW		W	In	W	In			Ta = 32°C					Ta = 43°C				
											Te = 0°C		Te = -5°C		Te = -10°C		Te = -15°C		Te = 0°C	
SUM003Z011	230/1/50	3/7	0,315	E	V	547	3,6	2x254	1528	39,0	1110	940	784	646	852	722	600	493		
SUM006Z011	230/1/50	1/2	0,370	E	V	633	3,6	2x254	1528	40,5	1313	1128	949	783	1006	864	725	595		
SUM009Z011	230/1/50	1	0,735	E	V	909	4,2	2x254	1211	54,0	2070	1810	1550	1300	1570	1374	1175	983		
SUM012Z011	230/1/50	1	0,735	E	V	1097	5,2	2x254	1550	53,0	2498	2117	1757	1432	2017	1711	1418	1148		
SUM016Z011	230/1/50	1,2	0,880	E	V	1146	5,9	2x254	1550	54,0	2829	2254	1888	1538	2065	1766	1474	1190		
SUM022Z012	400/3/50	1,25	0,920	E	V	1371	3,3	2x300	1980	61,0	3145	2717	2303	1921	2398	2072	1756	1463		
SUM034Z012	400/3/50	1,5	1,100	E	V	1826	4,1	2x300	1850	82,0	4008	3489	2967	2457	3046	2654	2257	1868		
SUM040Z012	400/3/50	2	1,470	E	V	2044	4,8	2x350	3962	84,0	5074	4385	3699	3037	3852	3311	2767	2282		
SUM054Z012	400/3/50	2,5	1,840	E	V	2363	5,2	2x350	3670	98,0	6631	5693	4769	3885	5029	4270	3513	2782		
SUM068Z012	400/3/50	3	2,200	E	V	3108	7,3	2x350	4360	91,0	8330	7265	6265	5374	6565	5658	4791	4000		
SUM080Z012	400/3/50	4	3,310	E	V	3281	6,6	2x350	4120	111,0	10066	8461	6955	5630	7933	6597	5328	4204		

Condizioni di calcolo rese e assorbimenti (MBP): temp. gas aspirato +20°C, senza sottoraffreddamento del liquido, surriscaldamento utile 100% Capacity and absorption calculation conditions (MBP): suction gas temp. +20°C, without liquid subcooling, 100% useful heat

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		HP	kW		W	In	W	In			Ta = 32°C					Ta = 43°C				
											Te = -20°C		Te = -25°C		Te = -30°C		Te = -35°C		Te = -20°C	
SUL003Z011	230/1/50	3/4	0,550	E	V	615	2,6	2x254	1528	50,0	908	736	586	465	673	537	415	313		
SUL006Z011	230/1/50	1	0,735	E	V	750	3,3	2x254	1211	52,5	1307	1088	901	757	961	788	633	506		
SUL009Z011	230/1/50	1,5	1,100	E	V	1095	5,5	2x254	1550	57,5	1700	1421	1172	967	1246	1026	823	645		
SUL012Z011	230/1/50	1,5	1,100	E	V	1086	5,8	2x300	1980	66,0	1892	1522	1187	888	1426	1130	868	640		
SUL016Z012	400/3/50	2	1,470	E	V	1487	3,8	2x300	1980	71,5	2362	1892	1448	1037	1723	1363	1017	689		
SUL020Z012	400/3/50	3	2,200	E	V	1790	4,1	2x300	2194	84,0	2724	2274	1783	1335	2077	1657	1216	898		
SUL024Z012	400/3/50	4	2,940	E	V	2073	4,4	2x350	3600	88,5	3703	3002	2413	1962	2750	2196	1714	1330		
SUL034Z012	400/3/50	4	2,940	E	V	2761	5,4	2x350	3670	97,5	4971	3991	3133	2443	3666	2903	2218	1650		
SUL060Z012	400/3/50	3,5	2,200	SE	V	2640	6,2	2x350	4360	139,0	5118	4158	3295	2533	3966	3205	2516	1902		
SUL080Z012	400/3/50	3,5	2,200	SE	V	2930	6,9	2x350	4120	155,0	5593	4545	3607	2775	4311	3477	2726	2056		

Condizioni di calcolo rese e assorbimenti (LBP): temp. gas aspirato 0°C, senza sottoraffreddamento del liquido, surriscaldamento utile 100% Capacity and absorption calculation conditions (LBP): suction gas temp. 0°C, without liquid subcooling, 100% useful heat

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		HP	kW			Wh	In			Ta = 32°C					Ta = 43°C				
										T _e = 0°C		T _e = -5°C		T _e = -10°C		T _e = -15°C		T _e = 0°C	
SUM110Z012	400/3/50	5.0	3.675	E	2	4083	8.8	2x400	4800	165.5	11982	10151	8482	7071	9467	7928	6506	5285	MBP
SUM140Z012	400/3/50	6.25	4.595	E	2	5296	11.5	2x450	5300	193.5	15953	13612	11508	9741	12672	10684	8867	7314	
SUM200Z012	400/3/50	7.5	5.515	SE	1	6670	14.1	2x450	5300	269.5	18942	16227	13726	11443	15250	13057	11023	9154	
SUM300Z012	400/3/50	9.5	7.980	SE	2	9980	17.9	2x560	19156	424.0	23496	20125	17038	14240	19153	16471	13894	11581	
SUM370Z012	400/3/50	12.0	9.420	SE	2	11420	20.2	2x560	17696	496.0	30236	25869	21840	18164	24325	20818	17553	14550	
SUM450Z012	400/3/50	15.0	10.66	SE	2	11980	21.0	2x630	19199	614.0	36526	31205	26308	21849	29440	25119	21108	17436	
SUM520Z012	400/3/50	20.0	12.63	SE	2	13950	24.5	2x630	19199	617.0	40896	35000	29565	24606	33113	28253	23750	19629	
SUM600Z012	400/3/50	22.0	15.26	SE	2	16580	28.1	2x630	18318	673.0	45905	39377	33344	27826	37635	32321	27371	22817	

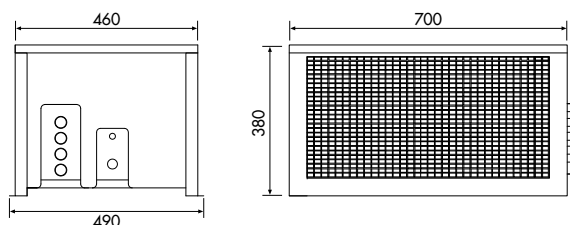
Condizioni di calcolo rese e assorbimenti (MBP): temp. gas aspirato +20°C, senza sottoraffreddamento del liquido, surriscaldamento utile 100%
Capacity and absorption calculation conditions (MBP): suction gas temp. +20°C, without liquid subcooling, 100% useful heat

R404A Code	Voltage	Compressor		PED Category	Expansion	Total Absorption		Condenser fans n° x ø m ² /h	Weight kg	Refrigeration Output/Cold room volume									
		HP	kW			Wh	In			Ta = 32°C					Ta = 43°C				
										T _e = -20°C		T _e = -25°C		T _e = -30°C		T _e = -35°C		T _e = -20°C	
SUL130Z012	400/3/50	5.5	3.675	SE	1	4450	10.1	2x400	4800	207.5	7966	6541	5234	4054	6065	4958	3933	2999	LBP
SUL180Z012	400/3/50	6.5	3.675	SE	1	5260	12.4	2x450	5300	243.5	10421	8488	6760	5231	8061	6520	5138	3912	
SUL200Z012	400/3/50	7.5	5.515	SE	1	5707	10.9	2x450	5300	299.0	12952	10710	8738	6953	10620	8451	6838	5373	
SUL260Z012	400/3/50	10.0	7.355	SE	1	6535	13.8	2x450	5300	304.0	16818	14047	11538	9217	13485	11211	9132	7188	
SUL350Z012	400/3/50	15.0	11.02	SE	2	13020	22.5	2x560	19156	529.0	21954	18235	14801	11680	16917	13994	11264	8768	
SUL450Z012	400/3/50	20.0	12.72	SE	2	14720	25.6	2x560	17696	549.0	25595	21246	17200	13499	19809	16446	13269	10322	
SUL750Z012	400/3/50	25.0	16.43	SE	2	17750	30.7	2x630	19199	696.0	32574	27038	21870	17141	25165	20916	16878	13128	
SUL900Z012	400/3/50	30.0	18.66	SE	2	19980	35.1	2x630	18318	716.0	36870	30561	24695	19337	28750	23819	19151	14850	

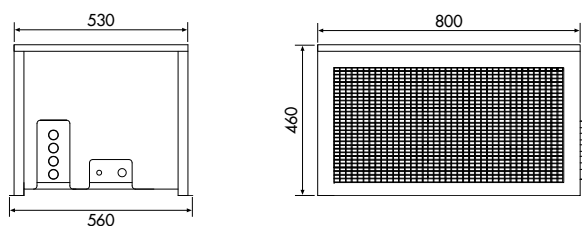
Condizioni di calcolo rese e assorbimenti (LBP): temp. gas aspirato 0°C, senza sottoraffreddamento del liquido, surriscaldamento utile 100%
Capacity and absorption calculation conditions (LBP): suction gas temp. 0°C, without liquid subcooling, 100% useful heat

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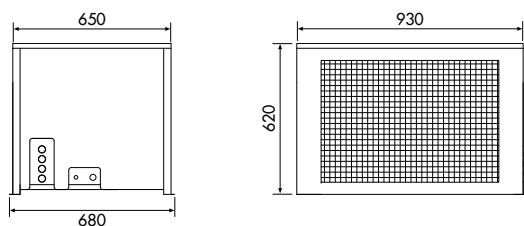
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 SUL003Z011 - SUL006Z011 - SUL009Z011



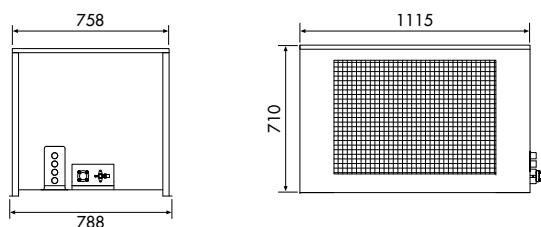
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 SUM022Z012 - SUM034Z012
 SUL012Z011 - SUL016Z012 - SUL020Z012



2x350 SUH054Z012
 SUM040Z012 - SUM054Z012 - SUM068Z012 - SUM080Z012
 SUL024Z012 - SUL034Z012 - SUL060Z012 - SUL080Z012

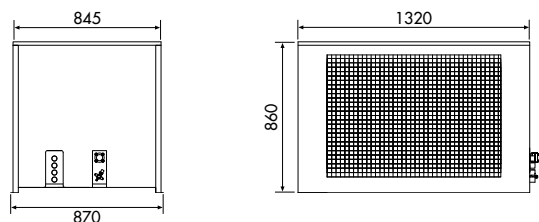


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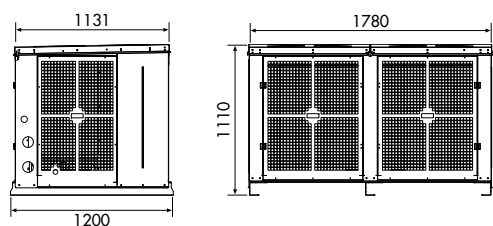


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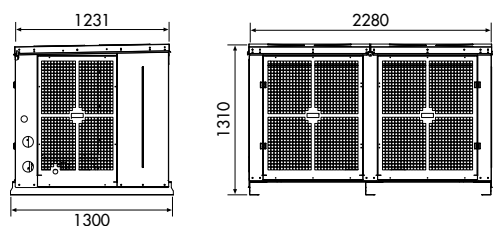
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2x560 SUM300Z012 - SUM370Z012
SUL350Z012 - SUL450Z012



2x630 SUM450Z012 - SUM520Z012 - SUM600Z012
SUL750Z012 - SUL900Z012



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