



MONOBLOCCHI PER CELLE FRIGORIFERE

PACKAGED UNITS FOR COLD ROOMS

BLOCKSYSTEM

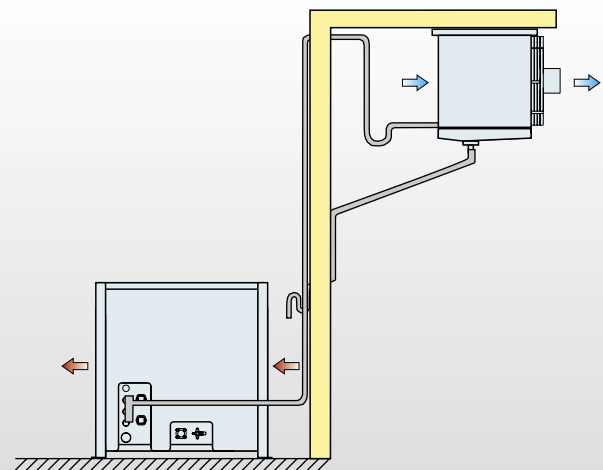
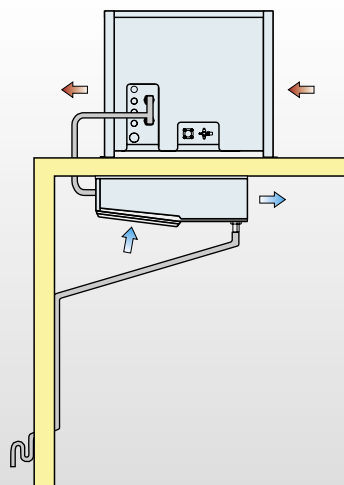
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Serie split - Installazione a soffitto o a pavimento
Split range - Roof or floor mounting installation

R404A

	HBP	MBP	LBP
Campo di esercizio (Te) <i>Operating range (Te)</i>	+10°C ÷ +2°C	+5°C ÷ -5°C	-15°C ÷ -25°C
Potenza compressore <i>Compressor power</i>	1/3 ÷ 2 HP	3/7 ÷ 22 HP	3/4 ÷ 30 HP
Potenza Frigorifera <i>Refrigerating capacity</i>	800 ÷ 4900 W <i>T_a = 32°C (T_c = +5°C)</i>	850 ÷ 37400 W <i>T_a = 32°C (T_c = 0°C)</i>	600 ÷ 28000 W <i>T_a = 32°C (T_c = -20°C)</i>
Volume cella <i>Cold room volume</i>	6 ÷ 60 m ³	5 ÷ 604 m ³	3 ÷ 970 m ³
Tipo di sbrinamento <i>Defrosting type</i>	A	R	R



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Caratteristiche generali

- Centralina elettronica di controllo
- Pressostato di massima
- Pannello di controllo remoto (10m)
- Micro porta con cavo (2,5m)
- Luce cella con cavo (2,5m)
- Cavo resistenza porta nei modelli LBP con cavo (2,5m)
- Cavi di connessione evaporatore/unità condensatrice (10m)
- Scarico diretto dell'acqua di condensa
- Cavo di alimentazione (2,5m)
- imballo incluso

Optional

- Tubazioni precaricate nelle lunghezze di 2,5/5/10m (dove disponibili)
- Gas diverso
- Voltaggio diverso
- Condensazione ad acqua
- Variatore di velocità ventole condensatore
- Resistenza carter
- Pressostato di bassa
- Espansione a valvola termostatica (dove non prevista)
- Monitor di tensione
- Interruttore magnetotermico differenziale
- Predisposizione per telegestione e/o Master e Slave
- Sistema di telegestione

General features

- Electronic control panel
- High pressure switch
- Remote control panel (10m)
- Door micro switch with cable (2,5m)
- Cold room light with cable (2,5m)
- Door heater cable for LBP items with cable (2,5m)
- Connecting cables evaporator/condensing unit (10m)
- Condensing water direct discharge
- Power supply cable (2,5m)
- Package included

Optional

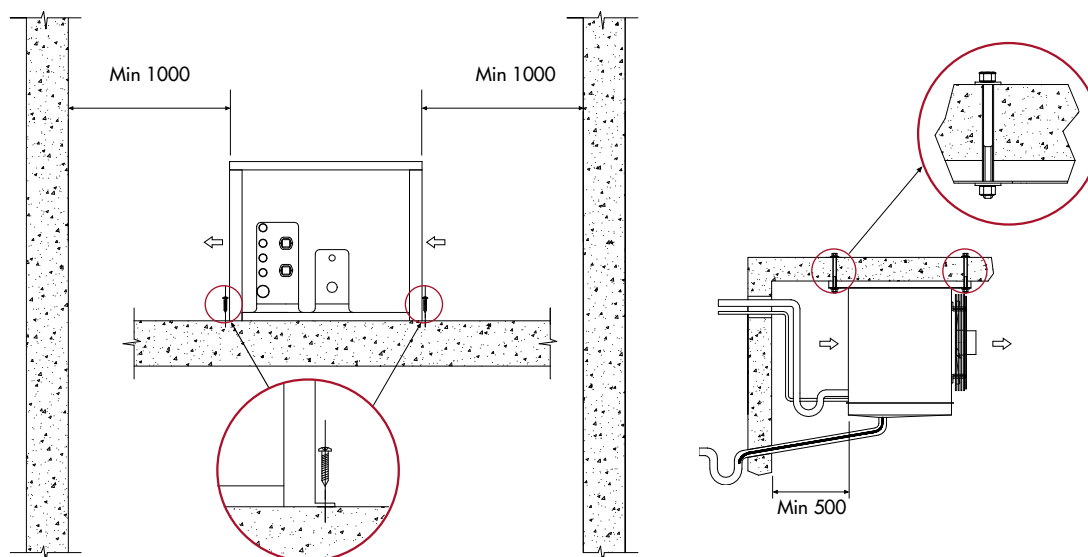
- Pre-charged pipe connections of the following lengths 2,5/5/10m (when available)
- Different gas
- Different voltage
- Water condensation
- Condenser fan speed variator
- Crankcase heater
- Low pressure switch
- Thermostatic valve expansion (when not provided)
- Voltage monitor
- Differential thermomagnetic switch
- Presetting of electronic remote management and /or Master and Slave
- Management software system

Legenda/Legend

Sbrinamento / Defrost
 A = aria / air
 R = resistenza / electrical

Espansione / Expansion
 C = capillare / capillary tube
 V = valvola / valve

Tipo 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	Evaporator n° x ø m³/h (ftm)	Weight kg	Refrigeration Output/Cold room volume											
		HP	kW		W/min	In	W	m³				Ta = 25°C				Ta = 32°C				Ta = 43°C			
												Tc = +10°C	Tc = +5°C	Tc = +2°C	Tc = +10°C	Tc = +5°C	Tc = +2°C	Tc = +10°C	Tc = +5°C	Tc = +2°C	Tc = +10°C	Tc = +5°C	Tc = +2°C
STH003Z001	230/1/50	1/3	0,245	E	0	C	538	3,4	2x254 1528	1x200 630 3,0	46,5	1028 8,8	894 6,7	792 6,7	935 7,6	812 5,7	717 5,7	779 5,6	675 4,1	616 3,1			
STH006Z001	230/1/50	3/7	0,315	E	0	C	703	4,7	2x254 1528	1x200 600 3,0	50,5	1308 12,6	1148 9,5	939 9,5	1185 10,9	1041 8,3	850 8,3	983 8,0	862 6,0	794 4,5			
STH009Z001	230/1/50	1/2	0,370	E	0	C	731	4,1	2x254 1211	2x200 1230 3,5	53,0	1668 17,0	1468 13,6	1192 13,6	1509 14,9	1329 11,1	1076 11,1	1245 10,6	1098 8,2	1013 6,2			
STH016Z001	230/1/50	1	0,735	E	0	C	1159	5,9	2x254 1550	2x200 1170 3,5	69,5	2549 30,5	2270 23,9	1929 23,9	2300 26,0	2052 20,5	1734 20,5	1885 18,8	1686 14,8	1568 11,1			
STH022Z012	400/3/50	1,2	0,880	E	1	V	1443	3,8	2x300 1980	2x254 1602 7,5	85,0	3399 43,7	3049 35,5	2446 35,5	3008 36,4	2716 29,6	2201 29,6	2579 27,9	2328 22,8	2199 17,7			
STH034Z012	400/3/50	1,25	0,920	E	1	V	1694	4,9	2x300 1850	2x300 2364 7,5	110,0	3908 52,2	3560 42,7	2840 42,7	3458 43,5	3150 35,6	2533 35,6	2964 33,4	2700 27,4	2564 21,6			
STH054Z012	400/3/50	2	1,470	E	1	V	2297	6,4	2x350 3670	2x350 2167 7,0	121,0	6036 88,0	5531 73,0	4640 73,0	5342 73,4	4895 60,8	4149 60,8	4579 56,4	4196 46,7	4007 37,4			

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 m³/h	Evaporator n° x ø m³/h (ftm)	Weight kg	Refrigeration Output/Cold room volume											
		HP	kW		W/min	In	W	m³				Ta = 25°C				Ta = 32°C				Ta = 43°C			
												Tc = +5°C	Tc = 0°C	Tc = -5°C	Tc = +5°C	Tc = 0°C	Tc = -5°C	Tc = +5°C	Tc = 0°C	Tc = -5°C	Tc = +5°C	Tc = 0°C	Tc = -5°C
STM003Z001	230/1/50	3/7	0,315	E	0	C	613	4,1	2x254 1528	1x200 630 3,0	51,5	1080 9,4	941 5,9	803 4,7	984 8,2	857 5,1	722 5,1	823 6,0	716 3,8	611 2,9			
STM006Z001	230/1/50	1/2	0,370	E	0	C	699	4,0	2x254 1528	1x200 600 3,0	53,5	1326 12,6	1158 8,1	990 6,4	1205 11,0	1053 7,0	864 7,0	1001 8,0	876 5,1	749 3,8			
STM009Z001	230/1/50	1	0,735	E	0	C	1039	5,1	2x254 1211	2x200 1230 3,5	66,5	2070 22,9	1827 15,4	1486 11,4	1873 19,6	1655 13,2	1374 13,2	1540 14,1	1365 9,5	1130 6,9			
STM012Z001	230/1/50	1	0,735	E	0	C	1221	5,7	2x254 1550	2x200 1170 3,5	69,5	2417 28,0	2099 20,0	1784 15,0	2207 24,3	1916 16,1	1711 16,1	1854 18,0	1610 11,8	1367 9,6			
STM016Z001	230/1/50	1,2	0,880	E	0	C	1270	6,4	2x254 1550	2x200 1170 3,5	73,5	2560 30,1	2236 22,2	1903 16,4	2312 25,8	2019 17,2	1766 17,2	1894 18,5	1653 12,2	1405 10,0			
STM022Z012	400/3/50	1,25	0,920	E	1	V	1531	4,3	2x300 1980	2x254 1602 7,5	92,5	2995 37,0	2831 27,1	2431 21,7	2650 30,8	2305 22,6	2072 22,6	2271 23,4	2148 17,2	1844 13,9			
STM034Z012	400/3/50	1,5	1,100	E	1	V	2066	5,6	2x300 1850	3x254 2364 7,5	98,5	4607 63,8	4396 47,5	3756 38,0	4077 53,2	3890 39,6	2654 39,6	3494 40,5	3334 30,2	2849 24,2			
STM040Z012	400/3/50	2	1,470	E	1	V	2239	6,2	2x350 3962	3x254 2167 7,0	123,5	5027 54,8	5027 54,8	4194 43,6	4565 60,8	4340 45,4	3311 45,4	4091 46,6	3720 34,6	3181 27,7			
STM054Z012	400/3/50	2,5	1,840	E	1	V	2603	6,7	2x350 3670	3x254 2167 7,0	126,5	5648 64,8	5448 54,8	4834 51,8	5279 72,0	4998 54,0	4270 54,0	4524 55,5	4284 41,1	3667 32,9			
STM068Z012	400/3/50	3	2,200	E	1	V	3388	8,7	2x350 4860	2x350 4163 14,0	155,0	7838 120,0	7596 103,0	6737 82,0	6936 100,0	6722 86,0	5658 86,0	6193 80,0	6002 68,8	5323 55,3			
STM080Z012	400/3/50	4,5	3,310	E	2	V	3561	8,0	2x350 4120	2x350 3825 14,0	140,5	9066 144,0	8467 117,0	7099 93,0	8023 120,0	7493 98,0	6597 98,0	7163 96,0	6690 78,0	5609 62,4			

Condizioni di calcolo rese e assorbimenti (MBP): temp. gas aspirato +20°C, senza sottoraffreddamento del liquido, surriscaldamento utile 100%
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												Tc = -15°C	Tc = -20°C	Tc = -25°C	Tc = -15°C	Tc = -20°C	Tc = -25°C	Tc = -15°C	Tc = -20°C	Tc = -25°C	Tc = -15°C	Tc = -20°C	Tc = -25°C
STL003Z011	230/1/50	3/4	0,550	E	1	V	681	3,1	2x254 1528	1x200 630 3,0	61,5	813 4,0	677 3,2	550 1,9	728 3,4	604 2,7	488 1,5	582 2,4	479 1,7	382 0,9			
STL006Z011	230/1/50	1	0,735	E	1	V	818	3,9	2x254 1211	1x200 600 3,0	66,0	1130 7,7	950 6,1	783 4,1	1015 6,7	852 5,3	699 3,4	816 4,5	682 3,5	555 2,2			
STL009Z011	230/1/50	1,5	1,100	E	1	V	1219	6,0	2x254 1550	2x200 1230 3,5	73,0	1459 10,6	1225 9,1	1003 6,1	1311 9,2	1099 7,9	899 5,2	1057 5,9	885 4,9	722 3,3			
STL012Z011	230/1/50	1,5	1,100	E	1	V	1210	6,4	2x300 1980	2x200 1230 3,5	88,5	1848 17,4	1459 12,8	1175 8,3	1657 14,9	1310 11,0	1059 7,1	1407 10,9	1112 8,0	906 5,3			
STL016Z012	400/3/50	2	1,470	E	1	V	1647	4,8	2x300 1980	2x254 1602 7,5	104,5	2518 29,0	1928 20,2	1583 13,2	2228 24,2	1706 16,8	1383 11,0	1909 18,2	1462 12,7	1186 8,3			
STL020Z012	400/3/50	3	2,200	E	1	V	1985	5,5	2x300 2194	3x254 2364 7,5	109,5	2950 35,6	2397 29,1	1961 19,6	2532 31,0	2119 24,3	1720 16,1	1994 21,0	1648 15,6	1314 10,0			
STL024Z012	400/3/50	3	2,200	E	1	V	2313	5,9	2x350 3670	3x254 2364 7,5	120,5	3641 51,5	2945 39,6	2617 30,1	3222 42,9	2606 33,0	2316 25,1	2762 32,4	2234 24,9	1985 19,0			
STL034Z012	400/3/50	4	2,940	E	2	V	3001	7,0	2x350 3670	3x254 2167 7,0	139,0	4702 76,0	3952 61,2	3406 44,6	4161 63,8	3497 51,0	3014 37,4	3566 48,0	2997 38,5	2583 28,2			
STL060Z012	400/3/50	3,5	2,200	SE	1	V	2920	7,4	2x350 4360	2x350 4163 14,0	197,5	5300 80,0	4444 69,0	3662 50,0	4774 67,0	3994 58,0	3278 41,6	3887 53,2	3236 46,0	2637 33,3			
STL080Z012	400/3/50	3,5	2,200	SE	1	V	3210	8,2	2x350 4120	2x350 3825 14,0	146,5	5800 108,0	4846 94,0	3970 68,0	5214 90,0	4344 78,0	3545 57,0	4226 72,0	3501 62,7	2833 45,5			

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		W/min	l/h	Tc = -15°C	Tc = -20°C				Tc = -25°C	Tc = -15°C	Tc = -20°C	Tc = -25°C	Tc = -15°C	Tc = -20°C	Tc = -25°C	Tc = -15°C	Tc = -20°C	Tc = -25°C										
STM110Z012	400/3/50	5.0	3.675	E 2	V	4503	10.9	2x400	4800	2x400	4800	17	248.0	10692	174	10085	144	8717	115	9462	145	8925	120	7714	96	8448	116	7969	96	6888	76
STM140Z012	400/3/50	6.25	4.595	E 2	V	6096	15.3	2x450	5300	2x450	5300	17	293.5	13739	233	13136	193	11519	155	12158	194	11625	161	10194	129	10855	155	10379	129	9102	103
STM200Z012	400/3/50	7.5	5.515	SE 1	V	7160	16.3	2x450	5300	2x450	5300	16	343.0	18737	308	16456	230	14198	182	17092	264	14990	197	12916	155	14342	196	12548	146	10788	114
STM300Z012	400/3/50	9.5	7.980	SE 1	V	11520	21.3	2x560	19156	2x560	19156	26	585.0	23416	461	20514	318	17704	248	21446	399	18772	275	16186	214	18159	301	15879	207	13674	161
STM370Z012	400/3/50	12.0	9.420	SE 2	V	12960	23.6	2x560	17696	2x560	17696	25	676.0	29986	612	26152	430	22445	334	27350	598	23836	365	20441	289	22953	435	19970	270	17105	213
STM450Z012	400/3/50	15.0	10.66	SE 2	V	13520	24.5	2x630	19199	2x630	19199	25	817.0	35980	798	31356	544	26897	420	32843	793	28586	461	24486	363	27597	575	23969	339	20476	267
STM520Z012	400/3/50	20.0	12.63	SE 2	V	16260	29.6	2x630	19199	2x630	19199	28	865.0	41442	903	36172	608	31093	469	37786	908	32925	517	28249	407	31730	664	27558	382	23553	300
STM600Z012	400/3/50	22.0	15.26	SE 2	V	18890	33.2	2x630	18318	2x630	18318	27	949.0	46798	1070	40838	706	35114	543	42863	1096	37398	604	32152	476	36337	810	31708	452	27262	358

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		HP	kW		W/min	l/h	Tc = -15°C	Tc = -20°C				Tc = -25°C	Tc = -15°C	Tc = -20°C	Tc = -25°C	Tc = -15°C	Tc = -20°C	Tc = -25°C	Tc = -15°C	Tc = -20°C	Tc = -25°C										
STL130Z012	400/3/50	5.5	3.675	SE 1	V	4690	11.3	2x450	4800	2x450	4800	17	209.5	8420	164	7901	143	5863	103	7524	137	6327	119	5218	86	6010	110	5042	95	4135	69
STL180Z012	400/3/50	6.5	3.675	SE 1	V	5750	14.6	2x450	5300	2x450	5300	17	311.0	10830	253	9114	218	7520	144	9724	216	8161	186	6709	128	7868	154	6565	130	5355	85
STL200Z012	400/3/50	7.5	5.515	SE 1	V	6197	13.2	2x450	5300	2x450	5300	16	385.5	11932	291	10174	252	8554	168	10771	249	9159	215	7669	151	8815	177	7437	150	6168	98
STL260Z012	400/3/50	10.0	7.355	SE 1	V	7335	17.6	2x450	5300	2x450	5300	16	396.5	15500	410	13165	352	11690	252	13717	342	11650	294	10345	210	12247	274	10402	235	9237	168
STL350Z012	400/3/50	15.0	11.02	SE 2	V	14560	26.0	2x560	19156	2x560	18698	25	708.0	21356	624	18094	532	15027	314	19272	519	16308	454	13513	298	15712	380	13265	314	10942	210
STL450Z012	400/3/50	20.0	12.72	SE 2	V	16260	29.0	2x560	17696	2x500	16164	25	741.0	25133	771	21283	654	17637	424	22717	651	19236	559	15928	371	18575	472	15741	396	13020	266
STL750Z012	400/3/50	25.0	16.43	SE 2	V	20060	35.8	2x630	19199	3x500	25346	28	946.0	31728	1084	26842	942	22222	585	28690	908	24282	788	20093	509	23463	634	19894	550	16461	370
STL900Z012	400/3/50	30.0	18.66	SE 2	V	22290	40.2	2x630	18318	3x500	24245	28	990.0	36570	1338	30972	1164	25683	720	33094	1120	28018	973	23205	624	27176	785	23005	679	19015	457

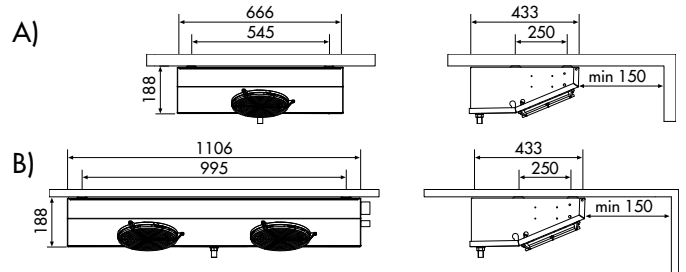
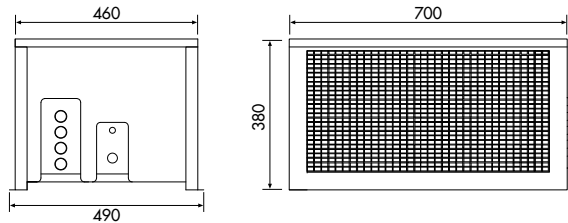
Condizioni di calcolo rese e assorbimenti (MBP): temp. gas aspirato 0°C, senza sovraraffreddamento del liquido, surriscaldamento utile 100%
 Capacity and absorption calculation conditions (LBP): suction gas temp. 0°C, without liquid subcooling, 100% useful heat

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

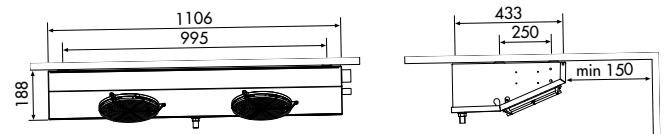
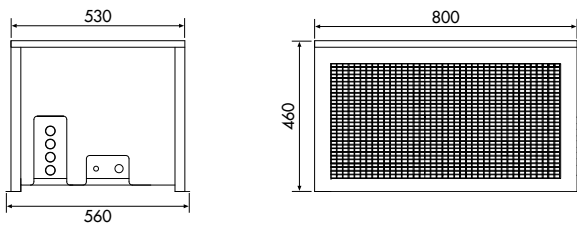
BLOCKSYSTEM **ST**

2x250 A) STH003Z001 - STH006Z001
STM003Z001 - STM006Z001
STL003Z011 - STL006Z011

2x250 B) STH009Z001 - STH016Z001
STM009Z001 - STM 012Z001 - STM016Z001
STL009Z011

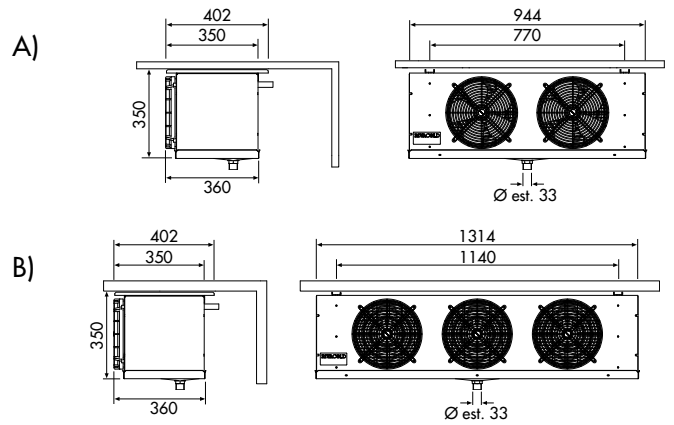
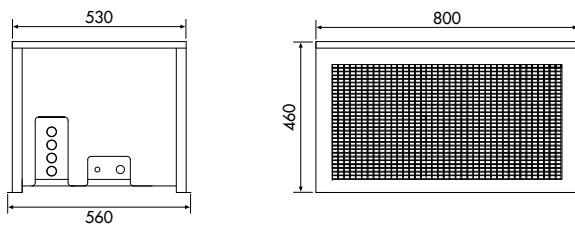


2x300 STL012Z011

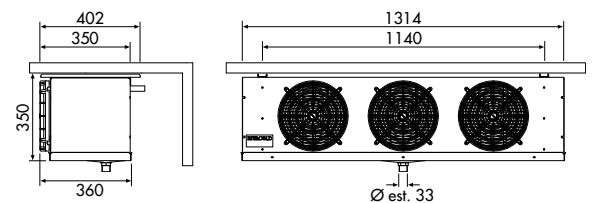
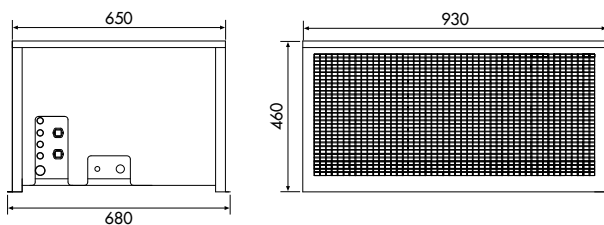


2x300 A) STH022Z012
STM022Z012
STL016Z012

2x300 B) STH034Z012
STM34Z012
STL020Z012



2x350 STH054Z012
STM040Z012 - STM054Z012
STL024Z012 - SUL034Z012

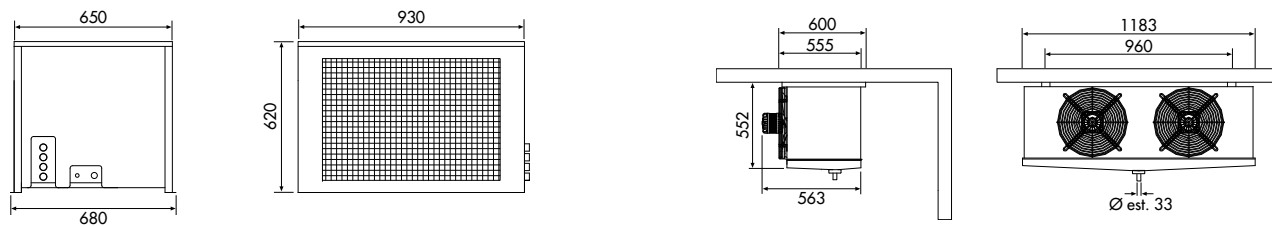


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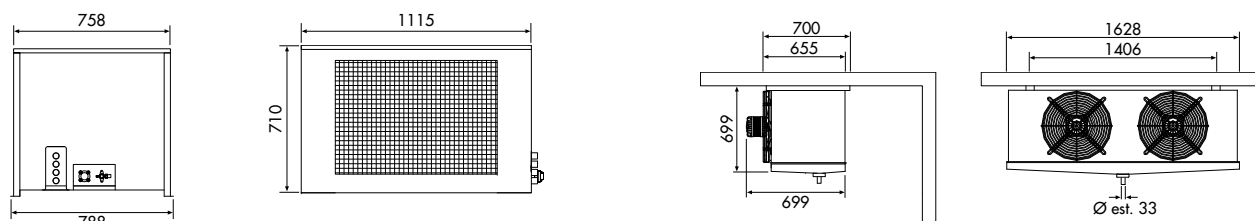
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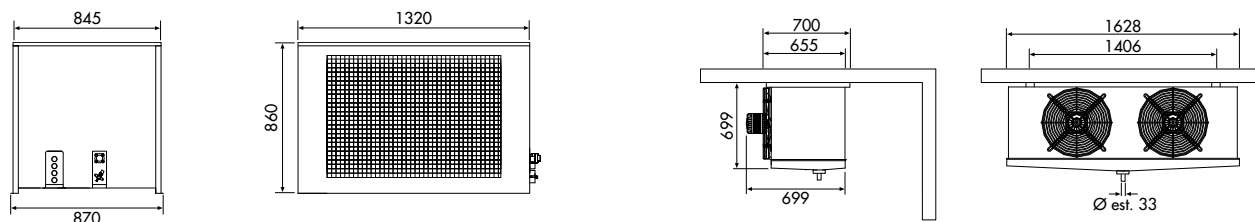
2x350 STM068Z012 - STM080Z012
STL060Z012 - STL080Z012



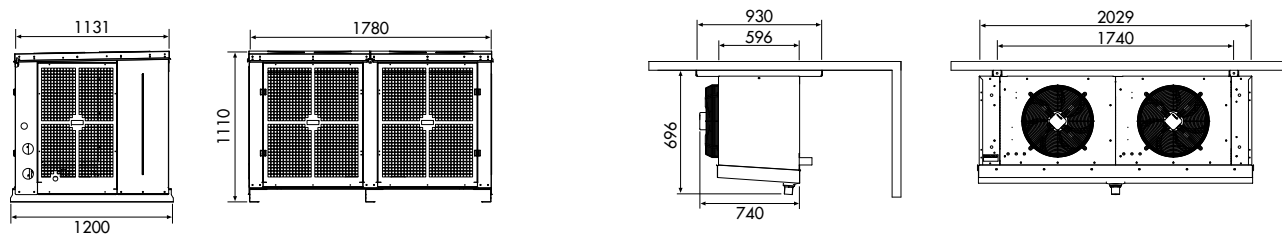
2x450 SUM140Z012 - SUM200Z012
SUL180Z012 - SUL200Z012 - SUL260Z012



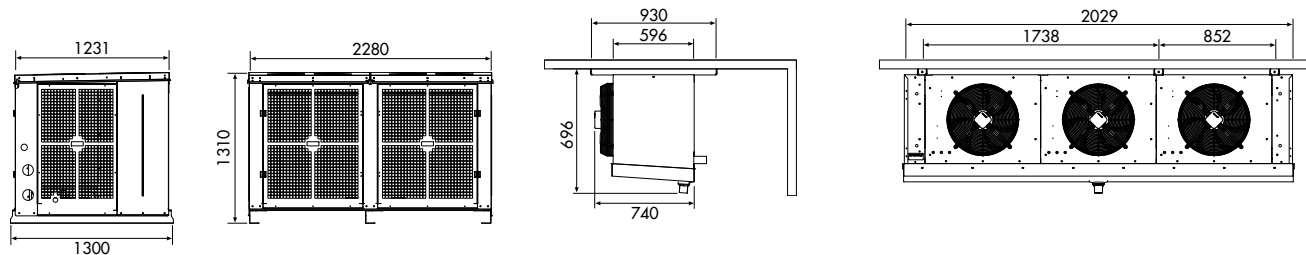
2x450 STM110Z012
STL130Z012 - STL180Z012



2x560 STM300Z012 - STM370Z012
STL350Z012 - STL450Z012



2x630 STM450Z012 - STM520Z012 - STM600Z012
STL750Z012 - STL900Z012



Per ulteriori informazioni, contattare il nostro ufficio tecnico / For further information, please contact our technical dept

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