

# FrigoMono

## R290 Cold Room Monoblock



### On-Off Series



Energy supply: 220-230/1/50

### Variable Speed Series



Energy supply: 200-240/1/50-60

COLD SERIE

Product Code	Product Description	Body Code	Fuse
FM.12.001	M008-M01.SZ4125.EM6181U.EP5	Model I	1x10 A
FM.12.005	M018-M01.SZ4125.EH6214U.EP5	Model I	1x10 A
FM.12.010	M023-M02.SZ4130.NE6220U.EP5	Model II	1x10 A
FM.12.015	M030-M02.SZ4130.NE6225U.EP5	Model II	1x16 A
FM.12.020	M036-M03.SZ4135.EH6214Ux2.EP5	Model III	1x16 A
FM.12.025	M045-M03.SZ4135.NE6220Ux2.EP5	Model III	1x16 A
FM.12.030	M060-M03.SZ4135.NE6225Ux2.EP5	Model III	1x20 A

FROST SERIE

FM.17.001	L006-M01.SZ4125.EH2155U.EP5	Model I	1x10 A
FM.17.005	L008-M01.SZ4125.NE2168U.EP5	Model I	1x10 A
FM.17.010	L012-M02.SZ4130.NE2180U.EP5	Model II	1x16 A
FM.17.015	L015-M02.SZ4130.NT2210U.EP5	Model II	1x16 A
FM.17.020	L022-M03.SZ4135.NE2180Ux2.EP5	Model III	1x20 A
FM.17.025	L026-M03.SZ4135.NT2210Ux2.EP5	Model III	1x20 A
FM.17.030	L030-M03.SZ4135.NT2213Ux2.EP5	Model III	1x25 A

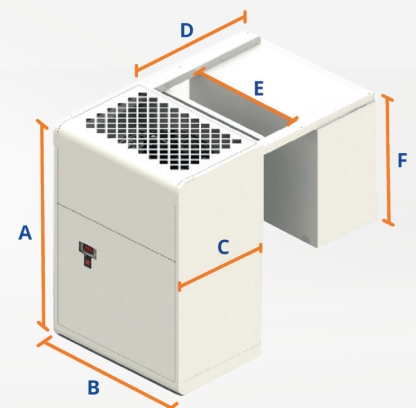
Product Code	Product Description	Body Code	Fuse
FM.60.001	M005-M01.SZ4125.FMFT406U.EP5	Model I	1x10 A
FM.60.005	M012-M01.SZ4125.FMFT408U.EP5	Model I	1x10 A
FM.60.010	M014-M02.SZ4130.FMFD413U.EP5	Model II	1x10 A
FM.60.015	M021-M02.SZ4130.FMFT415U.EP5	Model II	1x16 A
FM.60.020	M026-M03.SZ4135.FMFT408Ux2.EP5	Model III	1x16 A
FM.60.025	M034-M03.SZ4135.FMFD413UX2.EP5	Model III	1x16 A
FM.60.030	M040-M03.SZ4135.FMFT415UX2.EP5	Model III	1x20 A

FM.65.001	L003-M01.SZ4125.FMFT408U.EP5	Model I	1x10 A
FM.65.010	L008-M01.SZ4125.FMFD413U.EP5	Model II	1x10 A
FM.65.015	L010-M02.SZ4130.FMFT415U.EP5	Model II	1x16 A
FM.65.020	L020-M03.SZ4135.FMFD413UX2.EP5	Model III	1x16 A
FM.65.025	L026-M03.SZ4135.FMFT415UX2.EP5	Model III	1x20 A

### Features & Dimensions

- Reciprocating hermetic Embraco Compressors.
- Embraco ECQ and Ziehl-Abegg Fan motors.
- Embraco electronic Controllers.
- Inner groove copper tube Karyer 5mm condenser and 7mm evaporators.
- Danfoss thermostatic expansion valve.
- Hot gas defrosting.
- Condensate evaporation tray.
- Max. 150gr R290 refrigerant charge per circuit.
- In-room LED lighting

	Model I	Model II	Model III
A	728 mm	883 mm	882 mm
B	421 mm	597 mm	635 mm
C	349 mm	394,2 mm	432 mm
D	610,1 mm	566,2 mm	566,2 mm
E	315,2 mm	489 mm	529,6 mm
F	323,2 mm	323 mm	523,2 mm



Performance details; please check next pages.

Cold Serie Performance Table with On-off Compressors

Product Code	Product Description	Capacity Ta: 25°C											
		+10°C			+5°C			0°C			-5°C		
		W	PI	m³	W	PI	m³	W	PI	m³	W	PI	m³
FM.12.001	M008-M01.SZ4125.EM6181U.EP5	942	242	24,66	793	238	13,45	662	229	7,67	549	217	4,85
FM.12.005	M018-M01.SZ4125.EH6214U.EP5	1.637	469	42,40	1.382	447	25,13	1.155	418	15,40	955	388	9,06
FM.12.010	M023-M02.SZ4130.NE6220U.EP5	2.250	666	60,63	1.894	632	36,30	1.579	590	22,44	1.303	545	13,95
FM.12.015	M030-M02.SZ4130.NE6225U.EP5	2.834	817	78,57	2.380	778	47,57	1.979	726	29,66	1.628	670	18,82
FM.12.020	M036-M03.SZ4135.EH6214Ux2.EP5	3.274	939	93,09	2.764	894	57,10	2.309	836	36,13	1.910	775	23,24
FM.12.025	M045-M03.SZ4135.NE6220Ux2.EP5	4.499	1.332	131,10	3.788	1.264	80,82	3.158	1.179	51,35	2.606	1.090	33,15
FM.12.030	M060-M03.SZ4135.NE6225Ux2.EP5	5.668	1.633	168,16	4.761	1.555	104,54	3.957	1.452	67,02	3.256	1.340	43,62

Cold Serie Performance Table with On-off Compressors

Product Code	Product Description	Capacity Ta: 32°C											
		+10°C			+5°C			0°C			-5°C		
		W	PI	m³	W	PI	m³	W	PI	m³	W	PI	m³
FM.12.001	M008-M01.SZ4125.EM6181U.EP5	857	275	15,49	720	265	8,45	600	251	5,24	496	236	3,36
FM.12.005	M018-M01.SZ4125.EH6214U.EP5	1.495	527	29,33	1.261	493	17,50	1.053	456	9,89	871	421	6,38
FM.12.010	M023-M02.SZ4130.NE6220U.EP5	2.061	740	43,20	1.734	691	26,01	1.445	638	16,09	1.191	587	9,25
FM.12.015	M030-M02.SZ4130.NE6225U.EP5	2.592	912	57,01	2.177	854	34,67	1.809	789	21,64	1.489	725	13,37
FM.12.020	M036-M03.SZ4135.EH6214Ux2.EP5	2.990	1.055	63,03	2.522	986	42,44	2.106	913	26,90	1.741	841	17,18
FM.12.025	M045-M03.SZ4135.NE6220Ux2.EP5	4.122	1.480	98,88	3.469	1.381	61,10	2.889	1.275	38,82	2.381	1.174	24,90
FM.12.030	M060-M03.SZ4135.NE6225Ux2.EP5	5.183	1.825	128,69	4.353	1.708	80,10	3.619	1.578	51,44	2.978	1.449	33,49

Cold Serie Performance Table with On-off Compressors

Product Code	Product Description	Capacity Ta: 43°C											
		+10°C			+5°C			0°C			-5°C		
		W	PI	m³	W	PI	m³	W	PI	m³	W	PI	m³
FM.12.001	M008-M01.SZ4125.EM6181U.EP5	721	314	6,51	603	295	4,16	500	275	2,70	410	255	1,77
FM.12.005	M018-M01.SZ4125.EH6214U.EP5	1.269	587	14,20	1.069	540	8,01	893	495	5,25	739	454	3,49
FM.12.010	M023-M02.SZ4130.NE6220U.EP5	1.757	810	22,11	1.476	746	12,35	1.227	683	7,68	1.009	628	5,10
FM.12.015	M030-M02.SZ4130.NE6225U.EP5	2.196	1.008	30,75	1.843	930	18,84	1.530	852	10,57	1.257	782	6,87
FM.12.020	M036-M03.SZ4135.EH6214Ux2.EP5	2.538	1.174	38,63	2.138	1.080	24,01	1.785	990	15,20	1.477	908	8,69
FM.12.025	M045-M03.SZ4135.NE6220Ux2.EP5	3.514	1.621	57,59	2.952	1.491	35,65	2.454	1.367	22,52	2.018	1.257	13,77
FM.12.030	M060-M03.SZ4135.NE6225Ux2.EP5	4.392	2.016	76,83	3.686	1.859	48,36	3.060	1.704	30,93	2.514	1.564	19,93

Frost Serie Performance Table with On-off Compressors

Product Code	Product Description	Capacity Ta: 25°C								
		-15°C			-20°C			-25°C		
		W	PI	m³	W	PI	m³	W	PI	m³
FM.17.001	L006-M01.SZ4125.EH2155U.EP5	664	349	6,34	535	317	4,38	426	284	3,40
FM.17.005	L008-M01.SZ4125.NE2168U.EP5	895	457	11,05	713	413	6,65	559	369	5,08
FM.17.010	L012-M02.SZ4130.NE2180U.EP5	1.044	517	16,68	840	471	8,91	666	423	6,89
FM.17.015	L015-M02.SZ4130.NT2210U.EP5	1.416	774	24,67	1.130	698	13,14	889	622	10,83
		1.756	953	33,48	1.420	858	19,53	1.128	762	15,67
FM.17.020	L022-M03.SZ4135.NE2180Ux2.EP5	2.089	1.034	43,80	1.680	942	25,62	1.332	847	20,67
FM.17.025	L026-M03.SZ4135.NT2210Ux2.EP5	2.832	1.548	67,55	2.260	1.395	39,92	1.777	1.244	32,65
FM.17.030	L030-M03.SZ4135.NT2213Ux2.EP5	3.513	1.907	89,28	2.840	1.715	53,83	2.255	1.524	44,73

Frost Serie Performance Table with On-off Compressors

Product Code	Product Description	Capacity Ta: 32°C								
		-15°C			-20°C			-25°C		
		W	PI	m³	W	PI	m³	W	PI	m³
FM.17.001	L006-M01.SZ4125.EH2155U.EP5	605	373	4,82	487	334	2,91	387	297	1,78
FM.17.005	L008-M01.SZ4125.NE2168U.EP5	810	488	7,36	643	437	4,46	502	388	2,72
FM.17.010	L012-M02.SZ4130.NE2180U.EP5	948	553	9,81	761	498	6,13	602	443	3,83
FM.17.015	L015-M02.SZ4130.NT2210U.EP5	1.271	820	15,50	1.009	733	8,59	789	649	5,31
		1.595	1.015	22,16	1.286	904	11,71	1.018	797	7,34
FM.17.020	L022-M03.SZ4135.NE2180Ux2.EP5	1.896	1.106	29,42	1.522	995	17,20	1.203	885	9,38
FM.17.025	L026-M03.SZ4135.NT2210Ux2.EP5	2.542	1.640	46,70	2.019	1.465	27,65	1.578	1.298	16,11
FM.17.030	L030-M03.SZ4135.NT2213Ux2.EP5	3.190	2.029	63,27	2.572	1.808	38,38	2.035	1.594	22,98

Frost Serie Performance Table with On-off Compressors

Product Code	Product Description	Capacity Ta: 43°C								
		-15°C			-20°C			-25°C		
		W	PI	m³	W	PI	m³	W	PI	m³
FM.17.001	L006-M01.SZ4125.EH2155U.EP5	509	400	2,48	407	354	1,54	322	311	0,93
FM.17.005	L008-M01.SZ4125.NE2168U.EP5	679	522	3,81	535	462	2,37	415	406	1,44
FM.17.010	L012-M02.SZ4130.NE2180U.EP5	789	593	5,10	629	525	3,26	492	458	2,04
FM.17.015	L015-M02.SZ4130.NT2210U.EP5	1.038	862	7,10	815	760	4,44	628	665	2,76
		1.334	1.081	9,78	1.069	951	6,26	839	829	4,00
FM.17.020	L022-M03.SZ4135.NE2180Ux2.EP5	1.579	1.187	13,16	1.258	1.049	7,98	984	916	5,05
FM.17.025	L026-M03.SZ4135.NT2210Ux2.EP5	2.076	1.724	23,82	1.630	1.519	13,52	1.256	1.329	7,38
FM.17.030	L030-M03.SZ4135.NT2213Ux2.EP5	2.668	2.162	33,67	2.137	1.902	20,35	1.677	1.659	10,67

\*Insulation thickness: 100mm, Product entering Temperature for Cold Series: 25°C / Frost Series: -7°C, Product Cooling Time: 18h, Load Density: 250kg/m³, Product Daily Turnover: %10, Product Specific Heat for Cold Series (Meat): 3,22kJ/kg °C / Frost Series: 1,67kJ/kg °C.



Cold Serie Performance Table with Variable Speed Compressors

Product Code	Product Description	Capacity Ta: 25°C											
		+10°C			+5°C			0°C			-5°C		
		W	PI	m <sup>3</sup>	W	PI	m <sup>3</sup>	W	PI	m <sup>3</sup>	W	PI	m <sup>3</sup>
FM.60.001	M005-M01.SZ4125.FMFT406U.EP5	1.022	267	26,75	955	259	16,20	799	255	9,25	671	245	5,94
FM.60.005	M012-M01.SZ4125.FMFT408U.EP5	1.441	411	37,33	1.362	398	24,77	1.169	391	15,58	984	374	9,34
FM.60.010	M014-M02.SZ4130.FMFD413U.EP5	2.132	656	57,47	2.002	634	38,37	1.714	613	24,36	1.446	574	15,47
FM.60.015	M021-M02.SZ4130.FMFT415U.EP5	2.373	776	64,87	2.329	814	45,57	2.103	863	30,68	1.846	850	20,51
FM.60.020	M026-M03.SZ4135.FMFT408UX2.EP5	2.882	823	79,91	2.724	795	54,43	2.337	782	35,03	1.968	747	22,75
FM.60.025	M034-M03.SZ4135.FMFD413UX2.EP5	4.264	1.311	124,26	4.004	1.268	85,42	3.428	1.226	55,74	2.892	1.148	36,78
FM.60.030	M040-M03.SZ4135.FMFT415UX2.EP5	4.747	1.552	138,16	4.659	1.627	100,00	4.205	1.726	69,28	3.691	1.700	47,60

Cold Serie Performance Table with Variable Speed Compressors

Product Code	Product Description	Capacity Ta: 32°C											
		+10°C			+5°C			0°C			-5°C		
		W	PI	m <sup>3</sup>	W	PI	m <sup>3</sup>	W	PI	m <sup>3</sup>	W	PI	m <sup>3</sup>
FM.60.001	M005-M01.SZ4125.FMFT406U.EP5	923	298	16,66	865	287	10,16	730	278	6,38	609	264	4,13
FM.60.005	M012-M01.SZ4125.FMFT408U.EP5	1.308	460	25,66	1.243	444	17,25	1.070	430	10,05	904	406	6,63
FM.60.010	M014-M02.SZ4130.FMFD413U.EP5	1.956	716	40,99	1.795	705	26,93	1.577	659	17,56	1.330	610	10,33
FM.60.015	M021-M02.SZ4130.FMFT415U.EP5	2.140	835	45,93	2.111	876	32,62	1.909	917	22,02	1.678	896	13,98
FM.60.020	M026-M03.SZ4135.FMFT408UX2.EP5	2.616	919	57,56	2.486	888	39,59	2.139	859	25,59	1.808	812	16,24
FM.60.025	M034-M03.SZ4135.FMFD413UX2.EP5	3.912	1.433	93,82	3.590	1.410	63,24	3.154	1.318	42,38	2.660	1.220	27,82
FM.60.030	M040-M03.SZ4135.FMFT415UX2.EP5	4.280	1.670	103,49	4.222	1.752	75,10	3.818	1.833	52,01	3.356	1.792	35,86

Cold Serie Performance Table with Variable Speed Compressors

Product Code	Product Description	Capacity Ta: 43°C											
		+10°C			+5°C			0°C			-5°C		
		W	PI	m <sup>3</sup>	W	PI	m <sup>3</sup>	W	PI	m <sup>3</sup>	W	PI	m <sup>3</sup>
FM.60.001	M005-M01.SZ4125.FMFT406U.EP5	761	330	6,88	719	319	4,97	608	302	3,29	507	281	2,19
FM.60.005	M012-M01.SZ4125.FMFT408U.EP5	1.090	513	12,20	1.046	496	7,84	904	473	5,31	767	441	3,62
FM.60.010	M014-M02.SZ4130.FMFD413U.EP5	1.670	772	21,01	1.581	746	13,24	1.354	699	8,48	1.141	639	5,77
FM.60.015	M021-M02.SZ4130.FMFT415U.EP5	1.763	872	23,37	1.757	918	16,18	1.594	949	10,47	1.403	922	7,38
FM.60.020	M026-M03.SZ4135.FMFT408UX2.EP5	2.179	1.026	30,52	2.091	993	21,38	1.807	945	12,49	1.533	882	8,39
FM.60.025	M034-M03.SZ4135.FMFD413UX2.EP5	3.339	1.543	54,73	3.162	1.491	38,19	2.708	1.397	24,85	2.283	1.278	15,58
FM.60.030	M040-M03.SZ4135.FMFT415UX2.EP5	3.526	1.743	57,97	3.515	1.836	42,74	3.188	1.897	29,65	2.807	1.843	20,18

Frost Serie Performance Table with Variable Speed Compressors

Product Code	Product Description	Capacity Ta: 25°C								
		-15°C			-20°C			-25°C		
		W	PI	m <sup>3</sup>	W	PI	m <sup>3</sup>	W	PI	m <sup>3</sup>
FM.65.001	L003-M01.SZ4125.FMFT408U.EP5	695	327	6,64	565	297	4,62	456	270	2,82
FM.65.010	L008-M01.SZ4125.FMFD413U.EP5	1.026	480	16,38	830	425	8,81	663	375	5,40
FM.65.015	L010-M02.SZ4130.FMFT415U.EP5	1.374	717	23,94	1.132	618	13,16	915	521	7,94
FM.65.020	L020-M03.SZ4135.FMFD413UX2.EP5	2.051	960	43,01	1.661	851	25,34	1.327	749	14,61
FM.65.025	L026-M03.SZ4135.FMFT415UX2.EP5	2.748	1.434	65,56	2.264	1.235	39,99	1.830	1.042	24,27

Frost Serie Performance Table with Variable Speed Compressors

Product Code	Product Description	Capacity Ta: 32°C								
		-15°C			-20°C			-25°C		
		W	PI	m <sup>3</sup>	W	PI	m <sup>3</sup>	W	PI	m <sup>3</sup>
FM.65.001	L003-M01.SZ4125.FMFT408U.EP5	644	351	5,12	525	319	3,14	425	289	1,96
FM.65.010	L008-M01.SZ4125.FMFD413U.EP5	943	505	9,77	764	446	6,15	610	393	3,88
FM.65.015	L010-M02.SZ4130.FMFT415U.EP5	1.251	755	15,25	1.031	653	8,78	833	555	5,60
FM.65.020	L020-M03.SZ4135.FMFD413UX2.EP5	1.887	1.009	29,27	1.528	893	17,28	1.221	787	9,51
FM.65.025	L026-M03.SZ4135.FMFT415UX2.EP5	2.502	1.509	45,96	2.062	1.306	28,24	1.666	1.109	17,01

Frost Serie Performance Table with Variable Speed Compressors

Product Code	Product Description	Capacity Ta: 43°C								
		-15°C			-20°C			-25°C		
		W	PI	m <sup>3</sup>	W	PI	m <sup>3</sup>	W	PI	m <sup>3</sup>
FM.65.001	L003-M01.SZ4125.FMFT408U.EP5	549	376	2,67	448	340	1,69	360	308	1,04
FM.65.010	L008-M01.SZ4125.FMFD413U.EP5	808	522	5,23	653	459	3,39	521	403	2,16
FM.65.015	L010-M02.SZ4130.FMFT415U.EP5	1.045	778	7,15	859	677	4,68	689	581	3,02
FM.65.020	L020-M03.SZ4135.FMFD413UX2.EP5	1.616	1.043	13,47	1.307	919	8,28	1.041	807	5,34
FM.65.025	L026-M03.SZ4135.FMFT415UX2.EP5	2.090	1.555	23,99	1.717	1.355	14,24	1.377	1.162	8,09

\*Insulation thickness: 100mm, Product entering Temperature for Cold Series: 25°C / Frost Series: -7°C, Product Cooling Time: 18h, Load Density: 250kg/m<sup>3</sup>, Product Daily Turnover: %10, Product Specific Heat for Cold Series (Meat): 3,22kJ/kg °C / Frost Series: 1,67kJ/kg °C.

Cold Serie Performance Table with Variable Speed Compressors

Product Code	Product Description	Capacity Ta: 77°F											
		+50°F			+41°F			+32°F			+23°F		
		BTU/Hr	EER (BTU/W-Hr)	ft <sup>3</sup>	BTU/Hr	EER (BTU/W-Hr)	ft <sup>3</sup>	BTU/Hr	EER (BTU/W-Hr)	ft <sup>3</sup>	BTU/Hr	EER (BTU/W-Hr)	ft <sup>3</sup>
FM.60.001	M005-M01.SZ4125.FMFT406U.EP5	3.488	13,06	945	3.257	12,60	572	2.725	10,71	327	2.289	9,35	210
FM.60.005	M012-M01.SZ4125.FMFT408U.EP5	4.918	11,96	1.318	4.647	11,68	875	3.987	10,20	550	3.358	8,99	330
FM.60.010	M014-M02.SZ4130.FMFD413U.EP5	7.275	11,10	2.030	6.832	10,78	1.355	5.849	9,54	860	4.933	8,59	546
FM.60.015	M021-M02.SZ4130.FMFT415U.EP5	8.098	10,43	2.291	7.948	9,77	1.609	7.174	8,31	1.083	6.298	7,41	724
FM.60.020	M026-M03.SZ4135.FMFT408UX2.EP5	9.835	11,96	2.822	9.294	11,68	1.922	7.974	10,20	1.237	6.716	8,99	803
FM.60.025	M034-M03.SZ4135.FMFD413UX2.EP5	14.551	11,10	4.388	13.664	10,78	3.017	11.698	9,54	1.968	9.867	8,59	1.299
FM.60.030	M040-M03.SZ4135.FMFT415UX2.EP5	16.197	10,43	4.879	15.896	9,77	3.532	14.349	8,31	2.447	12.596	7,41	1.681

Cold Serie Performance Table with Variable Speed Compressors

Product Code	Product Description	Capacity Ta: 90°F											
		+50°F			+41°F			+32°F			+23°F		
		BTU/Hr	EER (BTU/W-Hr)	ft <sup>3</sup>	BTU/Hr	EER (BTU/W-Hr)	ft <sup>3</sup>	BTU/Hr	EER (BTU/W-Hr)	ft <sup>3</sup>	BTU/Hr	EER (BTU/W-Hr)	ft <sup>3</sup>
FM.60.001	M005-M01.SZ4125.FMFT406U.EP5	3.148	10,58	588	2.951	10,27	359	2.491	8,96	225	2.078	7,89	146
FM.60.005	M012-M01.SZ4125.FMFT408U.EP5	4.463	9,71	906	4.241	9,55	609	3.649	8,50	355	3.084	7,60	234
FM.60.010	M014-M02.SZ4130.FMFD413U.EP5	6.673	9,32	1.447	6.125	8,69	951	5.381	8,17	620	4.538	7,44	365
FM.60.015	M021-M02.SZ4130.FMFT415U.EP5	7.301	8,74	1.622	7.203	8,22	1.152	6.514	7,11	778	5.726	6,39	494
FM.60.020	M026-M03.SZ4135.FMFT408UX2.EP5	8.927	9,71	2.033	8.481	9,55	1.398	7.299	8,50	904	6.168	7,60	573
FM.60.025	M034-M03.SZ4135.FMFD413UX2.EP5	13.347	9,32	3.313	12.250	8,69	2.233	10.761	8,17	1.497	9.077	7,44	982
FM.60.030	M040-M03.SZ4135.FMFT415UX2.EP5	14.603	8,74	3.655	14.406	8,22	2.652	13.028	7,11	1.837	11.452	6,39	1.266

Cold Serie Performance Table with Variable Speed Compressors

Product Code	Product Description	Capacity Ta: 110°F											
		+50°F			+41°F			+32°F			+23°F		
		BTU/Hr	EER (BTU/W-Hr)	ft <sup>3</sup>	BTU/Hr	EER (BTU/W-Hr)	ft <sup>3</sup>	BTU/Hr	EER (BTU/W-Hr)	ft <sup>3</sup>	BTU/Hr	EER (BTU/W-Hr)	ft <sup>3</sup>
FM.60.001	M005-M01.SZ4125.FMFT406U.EP5	2.598	7,87	243	2.454	7,71	176	2.073	6,87	116	1.731	6,15	77
FM.60.005	M012-M01.SZ4125.FMFT408U.EP5	3.718	7,25	431	3.568	7,19	277	3.084	6,53	188	2.616	5,93	128
FM.60.010	M014-M02.SZ4130.FMFD413U.EP5	5.697	7,38	742	5.395	7,24	467	4.619	6,61	299	3.895	6,09	204
FM.60.015	M021-M02.SZ4130.FMFT415U.EP5	6.015	6,90	825	5.996	6,53	571	5.439	5,73	370	4.788	5,20	260
FM.60.020	M026-M03.SZ4135.FMFT408UX2.EP5	7.436	7,25	1.078	7.136	7,19	755	6.167	6,53	441	5.232	5,93	296
FM.60.025	M034-M03.SZ4135.FMFD413UX2.EP5	11.395	7,38	1.933	10.791	7,24	1.349	9.239	6,61	878	7.789	6,09	550
FM.60.030	M040-M03.SZ4135.FMFT415UX2.EP5	12.031	6,90	2.047	11.992	6,53	1.509	10.879	5,73	1.047	9.577	5,20	713

Frost Serie Performance Table with Variable Speed Compressors

Product Code	Product Description	Capacity Ta: 77°F								
		+5°F			-4°F			-13°F		
		BTU/Hr	EER (BTU/W-Hr)	ft <sup>3</sup>	BTU/Hr	EER (BTU/W-Hr)	ft <sup>3</sup>	BTU/Hr	EER (BTU/W-Hr)	ft <sup>3</sup>
FM.65.001	L003-M01.SZ4125.FMFT408U.EP5	2.372	7,26	234	1.926	6,48	163	1.555	5,76	99
FM.65.010	L008-M01.SZ4125.FMFD413U.EP5	3.499	7,29	578	2.833	6,66	311	2.264	6,04	191
FM.65.015	L010-M02.SZ4130.FMFT415U.EP5	4.689	6,54	845	3.863	6,26	465	3.122	5,99	281
FM.65.020	L020-M03.SZ4135.FMFD413UX2.EP5	6.998	7,29	1.519	5.667	6,66	895	4.527	6,04	516
FM.65.025	L026-M03.SZ4135.FMFT415UX2.EP5	9.378	6,54	2.315	7.726	6,26	1.412	6.244	5,99	857

Frost Serie Performance Table with Variable Speed Compressors

Product Code	Product Description	Capacity Ta: 90°F								
		+5°F			-4°F			-13°F		
		BTU/Hr	EER (BTU/W-Hr)	ft <sup>3</sup>	BTU/Hr	EER (BTU/W-Hr)	ft <sup>3</sup>	BTU/Hr	EER (BTU/W-Hr)	ft <sup>3</sup>
FM.65.001	L003-M01.SZ4125.FMFT408U.EP5	2.196	6,26	181	1.791	5,62	111	1.451	5,01	69
FM.65.010	L008-M01.SZ4125.FMFD413U.EP5	3.219	6,38	345	2.607	5,84	217	2.082	5,29	137
FM.65.015	L010-M02.SZ4130.FMFT415U.EP5	4.269	5,66	539	3.518	5,39	310	2.842	5,12	198
FM.65.020	L020-M03.SZ4135.FMFD413UX2.EP5	6.438	6,38	1.034	5.214	5,84	610	4.165	5,29	336
FM.65.025	L026-M03.SZ4135.FMFT415UX2.EP5	8.537	5,66	1.623	7.035	5,39	997	5.683	5,12	601

Frost Serie Performance Table with Variable Speed Compressors

Product Code	Product Description	Capacity Ta: 110°F								
		+5°F			-4°F			-13°F		
		BTU/Hr	EER (BTU/W-Hr)	ft <sup>3</sup>	BTU/Hr	EER (BTU/W-Hr)	ft <sup>3</sup>	BTU/Hr	EER (BTU/W-Hr)	ft <sup>3</sup>
FM.65.001	L003-M01.SZ4125.FMFT408U.EP5	1.873	4,98	94	1.527	4,49	60	1.228	3,99	37
FM.65.010	L008-M01.SZ4125.FMFD413U.EP5	2.758	5,29	185	2.229	4,85	120	1.776	4,40	76
FM.65.015	L010-M02.SZ4130.FMFT415U.EP5	3.566	4,59	252	2.929	4,32	165	2.350	4,05	107
FM.65.020	L020-M03.SZ4135.FMFD413UX2.EP5	5.515	5,29	476	4.459	4,85	293	3.553	4,40	189
FM.65.025	L026-M03.SZ4135.FMFT415UX2.EP5	7.133	4,59	847	5.859	4,32	503	4.699	4,05	286

\*Insulation thickness: 4inch, Product entering Temperature for Cold Series: +77°F / Frost Series: +19°F, Product Cooling Time: 18h, Load Density: 250kg/m<sup>3</sup>, Product Daily Turnover: %10, Product Specific Heat for Cold Series (Meat): 3,22kJ/kg °C / Frost Series: 1,67kJ/kg °C.