

Monoblock



Monoblock

EW Series

WALL-Mounting

Product information:

EW Series Monoblock applies to various cold storages. The unit can be installed on the wall, and can be assembled with multi units stacked together.

Cases of the Monoblock are with Epoxy sprayed steel plates. Hermetic piston compressors are applied, with R-452A as the refrigerant

Property:

- Quick installation.
- Cold room Space completely free with units on the top.
- The white color of the evaporator blends with the walls of the cold room.
- Extremely quick to install, reducing time and costs of installation.
- Best surface-capacity ratio.
- Remote control, user friendly interface.

Best Application range:

- Temperatura media/baja ($-25\sim 10$ °C)
- Volumen de almacenamiento ($4\sim 77\text{m}^3$)
- Roff top installation

Standard Configuration:

- Refrigerant charged.
- High quality scroll compressor.
- Capillary throttling system.
- Automatic Pressure safety protection.
- Automatic defrosting system control by temperature or pressure.
- Condensing pressure control system.
- Cable for power and in 5 m.
- Fully integrated multi-function electronic temperature control system.
- PRemote electronic control panel.

Power supply:

220V/1P/50Hz
380V/3P/50Hz

Condensation type:

Air + Axial Fan

Operating environment requirements:

- The outdoor part of the Monoblock shall be placed in a well-ventilated space.
- The Monoblock should be installed away from heat sources.
- Correctly install the position of the drain pipe so that the defrosting water can be discharged smoothly.
- The joint of cold storage shall be fully sealed and waterproof.
- The ambient humidity should not exceed 90 %.



Monoblock Wall Series - Low temperature

R-452A

Model	Compressor CV	Controller	Power supply	Condenser air flow rate m ³ /h	Evaporator air flow rate m ³ /h	Installation power kW	Price €
EWLA010C3	1	EasyCold	220V/1P/50Hz	630	745	0,86	–
EWLA012C3	1,2		220V/1P/50Hz	630	745	1,032	–
EWLA017C3	1,7		220V/1P/50Hz	1.260	1.490	1,243	–
EWLA020C3	2		380V/3P/50Hz	1.260	1.490	1,538	–
EWLA027C3	2,7		380V/3P/50Hz	2.670	2.670	1,793	–
EWLA030C3	3		380V/3P/50Hz	2.670	2.670	1,992	–
EWLA040C3	4		380V/3P/50Hz	2.670	2.670	2,539	–

Model	Cold Room Temperature -15 °C											
	Ambient Temperature											
	+20 °C		+25 °C		+30 °C		+35 °C		+40 °C		+45 °C	
	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)
EWLA010C3	1.277	8,5	1.221	8	1.166	7,4	1.112	6,8	1.057	6,1	998	5,6
EWLA012C3	1.532	10	1.465	9,6	1.399	8,9	1.334	8,2	1.268	7,3	1.197	6,7
EWLA017C3	1.927	17	1.871	16	1.808	15	1.737	14	1.657	13	1.569	12
EWLA020C3	2.376	22	2.237	20	2.097	19	1.959	17	1.819	15	1.681	13
EWLA027C3	3.208	30	3.020	27	2.831	26	2.645	23	2.456	20	2.269	17
EWLA030C3	3.777	48	3.570	44	3.362	40	3.154	37	2.946	33	2.730	29
EWLA040C3	4.290	58	4.030	53	3.751	48	3.451	42	3.128	36	2.778	30

Model	Cold Room Temperature -20 °C											
	Ambient Temperature											
	+20 °C		+25 °C		+30 °C		+35 °C		+40 °C		+45 °C	
	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)
EWLA010C3	1.047	6,1	1.009	5,7	968	5,3	923	4,9	875	4,5	824	2
EWLA012C3	1.256	7,3	1.210	6,8	1.162	6,3	1.108	5,9	1.050	5,4	988	2,4
EWLA017C3	1.594	12	1.543	12	1.487	11	1.423	10	1.353	9,4	1.276	5
EWLA020C3	2.031	18	1.904	16	1.779	15	1.656	13	1.526	11	1.401	8
EWLA027C3	2.742	24	2.570	22	2.402	20	2.236	17	2.060	15	1.891	11
EWLA030C3	3.119	36	2.978	33	2.820	31	2.650	28	2.469	24	2.280	20
EWLA040C3	3.717	47	3.490	43	3.246	38	2.985	34	2.703	28	2.399	21

Model	Cold Room Temperature -25 °C											
	Ambient Temperature											
	+20 °C		+25 °C		+30 °C		+35 °C		+40 °C		+45 °C	
	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)
EWLA010C3	855	4,3	820	4	783	3,7	742	3,4	699	3	654	2,7
EWLA012C3	1.026	5,2	984	4,8	940	4,5	890	4	839	3,6	785	3,2
EWLA017C3	1.288	8,6	1.242	8,1	1.190	7,6	1.133	6,9	1.069	6,3	1.001	5,6
EWLA020C3	1.682	13	1.571	11	1.459	10	1.346	9,2	1.235	8	1.123	6,9
EWLA027C3	2.270	18	2.121	15	1.970	13	1.817	12	1.667	11	1.516	9
EWLA030C3	2.584	26	2.463	24	2.328	22	2.180	20	2.021	17	1.855	16
EWLA040C3	3.143	36	2.950	33	2.742	29	2.419	25	2.279	21	2.020	17

Monoblock Wall Series - Medium temperature R-452A

Model	Compressor CV	Controller	Power supply	Condenser air flow rate m ³ /h	Evaporator air flow rate m ³ /h	Installation power kW	Price €
EWMA003C3	0,3	EasyCold	220V/1P/50Hz	630	745	0,995	–
EWMA005C3	0,5		220V/1P/50Hz	630	745	0,995	–
EWMA007C3	0,7		220V/1P/50Hz	630	745	0,995	–
EWMA010C3	1,0		220V/1P/50Hz	630	745	0,995	–
EWMA012C3	1,2		220V/1P/50Hz	1.260	1.490	1,477	–
EWMA015C3	1,5		220V/1P/50Hz	1.260	1.490	1,477	–
EWMA018C3	1,8		380V/3P/50Hz	2.670	2.670	1,662	–
EWMA020C3	2,0		380V/3P/50Hz	2.670	2.670	2,135	–

Cold Room Temp. +10 °C	Ambient Temperature											
	+20 °C		+25 °C		+30 °C		+35 °C		+40 °C		+45 °C	
	Model	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)
EWMA003C3	557	5,5	530	5	503	4,5	475	4	446	3,9	419	3,5
EWMA005C3	928	9	884	8	839	7,5	791	7	743	6,5	698	6
EWMA007C3	1.300	13,5	1.237	12	1.173	11	1.107	10	1.039	9,5	976	9
EWMA010C3	1.857	18	1.768	16	1.677	15	1.582	14	1.485	13	1.395	12
EWMA012C3	2.228	22	2.121	19	2.012	18	1.898	17	1.782	16	1.674	14
EWMA015C3	3.373	39	3.201	37	3.030	34	2.860	32	2.686	29	2.520	26
EWMA018C3	5.179	68	4.857	63	4.536	58	4.216	53	3.897	48	3.581	43
EWMA020C3	5.746	77	5.410	72	5.075	67	4.741	61	4.406	56	4.070	50

Cold Room Temp. +5 °C	Ambient Temperature											
	+20 °C		+25 °C		+30 °C		+35 °C		+40 °C		+45 °C	
	Model	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)
EWMA003C3	498	4,5	474	4	450	3,5	425	3,5	400	3	374	3
EWMA005C3	831	7,5	790	7	750	6,5	708	6	666	5,5	624	5
EWMA007C3	1.162	11	1.106	10	1.050	9,5	991	9	932	8	872	7,5
EWMA010C3	1.661	15	1.581	14	1.500	13	1.416	12	1.332	11	1.247	10
EWMA012C3	1.993	18	1.897	17	1.800	16	1.699	14	1.598	13	1.496	12
EWMA015C3	2.983	33	2.822	31	2.664	29	2.506	26	2.348	24	2.190	21
EWMA018C3	4.570	58	4.282	54	3.996	49	3.712	45	3.430	40	3.150	36
EWMA020C3	5.064	66	4.760	61	4.455	56	4.149	52	3.843	47	3.535	42

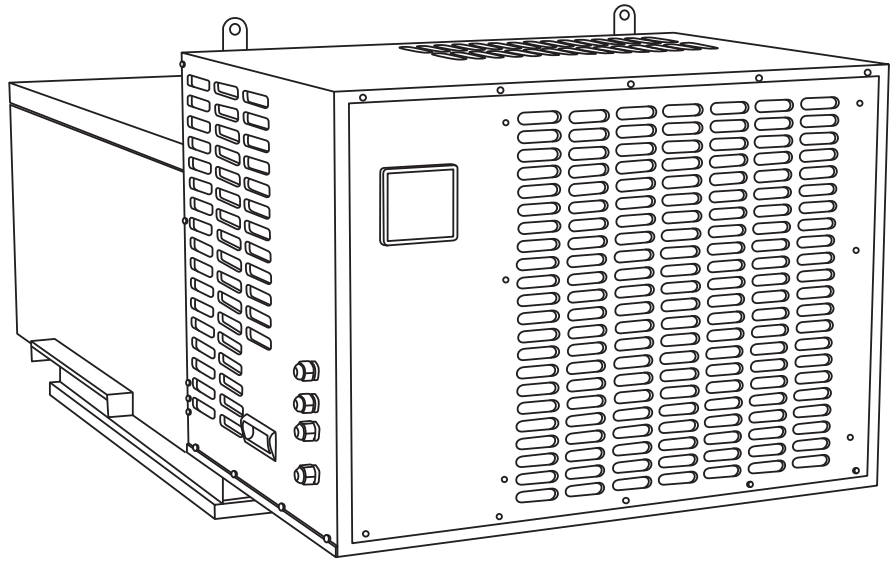
Cold Room Temp. 0 °C	Ambient Temperature											
	+20 °C		+25 °C		+30 °C		+35 °C		+40 °C		+45 °C	
	Model	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)
EWMA003C3	441	4	419	3,5	397	3	374	3	351	2,5	328	2
EWMA005C3	736	6,5	699	6	661	5,5	624	5	586	4,5	547	4
EWMA007C3	1.029	9,5	978	9	925	8	872	7,5	819	6,5	765	6
EWMA010C3	1.471	13	1.398	12	1.322	11	1.247	10	1.171	9	1.094	8
EWMA012C3	1.765	11	1.677	13	1.586	12	1.496	11	1.405	10	1.312	9
EWMA015C3	2.616	28	2.470	26	2.323	23	2.178	21	2.032	19	1.885	13
EWMA018C3	4.008	49	3.744	45	3.481	41	3.221	37	2.964	33	2.708	21
EWMA020C3	4.459	56	4.191	52	3.922	48	3.652	44	3.381	40	3.111	26

Cold Room Temp. -5 °C	Ambient Temperature											
	+20 °C		+25 °C		+30 °C		+35 °C		+40 °C		+45 °C	
	Model	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)
EWMA003C3	384	3	364	2,5	343	2,5	322	2	302	2	281	2
EWMA005C3	640	5,5	606	4,8	572	4,5	537	4	503	3,5	468	3
EWMA007C3	896	8	849	7	800	6,5	752	6	704	5,5	665	5
EWMA010C3	1.281	11	1.213	9,7	1.144	8,9	1.075	8,1	1.006	7,3	936	6,5
EWMA012C3	1.537	13	1.455	12	1.372	11	1.290	10	1.207	9	1.123	8
EWMA015C3	2.139	21	2.011	19	1.887	18	1.764	16	1.643	15	1.521	13
EWMA018C3	3.439	40	3.200	37	2.964	33	2.730	30	2.498	26	2.269	23
EWMA020C3	3.840	47	3.598	43	3.354	39	3.110	35	2.865	32	2.621	28

Monoblock

ER Series

CEILING-Mounting



Short Description:

ER Series Monoblock applies to cold storages with space available on the top. Cases of the Monoblock are with Epoxy sprayed steel plates. And conjunction part of evaporator and condenser unit is using insulated heat-rejected boxes. Hermetic piston compressors are applied, with R-452A as the refrigerant.

Features:

- Quick installation on the cold room roof.
- The ceiling installation leaves the space inside the cold room completely free.
- The white color of the evaporator blends discreetly with the walls of the cold room.
- Extremely quick to install, reducing times.
- Best surface-capacity ratio.
- Remote electronic control panel with user-friendly interface.

Best Application range:

- Medium/low temperature ($-25\sim 10\text{ }^{\circ}\text{C}$)
- Storage ($10\sim 70\text{m}^3$)
- Roof top installation

Standard Configuration:

- Low noise Hermetic compressor.
- One time formulation casing for evaporator.
- Auto defrosting system.
- Condenser over-dirt alarm system.
- Condensate water evaporation tray.
- Expansion through capillary tube.
- Filter on the liquid line.
- Cold room light and bulb.
- Cable for door micro switch.
- Cable for door switch heater on low temperature units.
- High- and low-pressure switches.
- Remote electronic control panel.

Operating environment requirements:

- The outdoor part of the Monoblock shall be placed in a well-ventilated space.
- The Monoblock should be installed away from heat sources.
- Correctly install the position of the drain pipe so that the defrosting water can be discharged smoothly.
- The joint of cold storage shall be fully sealed and waterproof.
- The ambient humidity should not exceed 90 %.

Model	Compressor CV	Controller	Power supply	Condenser air flow rate m ³ /h	Evaporator air flow rate m ³ /h	Installation power kW	Price €
ERLA020C2	2	EasyCold	380V/3P/50Hz	1.690	1.490	1,581	–
ERLA027C2	2,7		380V/3P/50Hz	2.300	3.700	2,095	–
ERLA040C2	4		380V/3P/50Hz	3.700	3.700	2,579	–
ERLA050C2	5		380V/3P/50Hz	3.700	5.550	3,101	–
ERLA060C2	6		380V/3P/50Hz	3.700	5.550	4,078	–

Model	Cold Room Temperature -15 °C											
	Ambient Temperature											
	+20 °C		+25 °C		+30 °C		+35 °C		+40 °C		+45 °C	
	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)
ERLA020C2	2.394	20	2.293	18	2.194	16	2.095	15	1.998	14	1.902	12
ERLA027C2	3.517	35	3.332	32	3.147	28	2.960	24	2.776	20	2.592	17
ERLA040C2	4.230	52	3.981	47	3.711	42	3.422	36	3.117	30	2.798	25
ERLA050C2	5.383	70	5.079	64	4.736	57	4.397	50	4.018	43	–	–
ERLA060C2	6.197	87	5.761	78	5.346	69	4.940	61	4.535	53	–	–

Model	Cold Room Temperature -20 °C											
	Ambient Temperature											
	+20 °C		+25 °C		+30 °C		+35 °C		+40 °C		+45 °C	
	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)
ERLA020C2	1.974	14	1.878	13	1.782	11	1.686	10	1.590	8,5	1.494	7,2
ERLA027C2	2.932	25	2.769	22	2.611	18	2.456	15	2.302	14	2.146	12
ERLA040C2	3.562	39	3.320	35	3.065	30	2.796	25	2.516	20	2.224	15
ERLA050C2	4.434	51	4.178	46	3.867	40	3.548	34	3.191	28	–	–
ERLA060C2	5.284	69	4.861	60	4.450	52	4.068	44	3.679	36	–	–

Model	Cold Room Temperature -25 °C											
	Ambient Temperature											
	+20 °C		+25 °C		+30 °C		+35 °C		+40 °C		+45 °C	
	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)
ERLA020C2	1.581	9,3	1.487	8	1.398	6,9	1.314	5,8	1.232	4,8	1.150	3,9
ERLA027C2	2.396	15	2.245	14	2.100	12	1.960	10	1.824	8,1	1.688	6,3
ERLA040C2	2.893	27	2.671	23	2.436	19	2.188	16	1.932	12	1.670	9,8
ERLA050C2	3.644	36	3.409	32	3.136	27	2.842	22	2.490	16	–	–
ERLA060C2	4.412	51	4.007	43	3.621	36	3.250	29	2.889	23	–	–

Monoblock ER Series - Medium/Low temperature R-452A

Model	Compressor CV	Controller	Power supply	Condenser air flow rate m ³ /h	Evaporator air flow rate m ³ /h	Installation power kW	Price €
ERMA012C2	1,2	EasyCold	220V/1P/50Hz	1.690	1.490	1,22	–
ERMA015C2	1,5		380V/3P/50Hz	1.690	1.490	1,395	–
ERMA018C2	1,8		380V/3P/50Hz	2.300	3.700	1,849	–
ERMA025C2	2,5		380V/3P/50Hz	2.300	3.700	2,329	–
ERMA027C2	2,7		380V/3P/50Hz	3.700	3.700	2,58	–
ERMA030C2	2,7		380V/3P/50Hz	3.700	5.500	2,70	–
ERMA035C2	3,5		380V/3P/50Hz	3.700	5.500	3,49	–

Cold Room Temp. +10 °C	Ambient Temperature											
	+20 °C		+25 °C		+30 °C		+35 °C		+40 °C		+45 °C	
Model	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)
ERMA012C2	3.080	32	2.915	29	2.748	26	2.578	24	2.409	21	2.240	17
ERMA015C2	3.316	36	3.179	33	3.035	31	2.884	28	2.729	25	2.574	22
ERMA018C2	5.365	70	5.038	65	4.709	60	4.382	55	4.054	50	3.723	45
ERMA025C2	6.131	78	5.736	71	5.343	64	4.950	58	4.575	51	4.164	44
ERMA027C2	7.087	95	6.754	90	6.305	82	5.784	74	5.234	65	–	–
ERMA030C2	8.269	112	7.848	105	7.375	96	6.918	89	6.401	80	–	–
ERMA035C2	9.278	129	8.751	120	8.219	111	7.726	102	7.179	93	–	–

Cold Room Temp. +5 °C	Ambient Temperature											
	+20 °C		+25 °C		+30 °C		+35 °C		+40 °C		+45 °C	
Model	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)
ERMA012C2	2.722	26	2.565	24	2.400	21	2.245	18	2.086	16	1.926	14
ERMA015C2	2.922	30	2.799	27	2.667	25	2.529	22	2.392	20	2.256	18
ERMA018C2	4.654	62	4.377	55	4.099	51	3.821	46	3.535	42	3.247	37
ERMA025C2	5.442	67	5.082	60	4.722	54	4.362	48	4.002	42	3.641	35
ERMA027C2	6.229	81	5.776	74	5.382	67	5.005	61	4.603	55	–	–
ERMA030C2	7.166	93	6.797	87	6.374	80	6.008	68	5.557	66	–	–
ERMA035C2	8.164	110	7.671	101	7.181	93	6.725	79	6.222	77	–	–

Cold Room Temp. +0 °C	Ambient Temperature											
	+20 °C		+25 °C		+30 °C		+35 °C		+40 °C		+45 °C	
Model	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)
ERMA012C2	2.337	20	2.179	18	2.023	16	1.868	14	1.714	12	1.560	9,8
ERMA015C2	2.555	24	2.446	22	2.328	20	2.210	18	2.093	17	1.974	15
ERMA018C2	3.941	48	3.749	45	3.517	42	3.265	38	3.004	34	2.743	30
ERMA025C2	4.789	56	4.461	50	4.132	44	3.805	39	3.476	33	3.148	28
ERMA027C2	5.316	66	4.911	60	4.573	54	4.252	49	3.898	43	–	–
ERMA030C2	6.207	77	5.891	72	5.524	66	5.153	63	4.744	53	–	–
ERMA035C2	7.120	92	6.675	85	6.261	78	5.853	71	5.406	64	–	–

Cold Room Temp. –5 °C	Ambient Temperature											
	+20 °C		+25 °C		+30 °C		+35 °C		+40 °C		+45 °C	
Model	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)	Cooling Capacity (W)	Room volume (m ³)
ERMA012C2	2.033	17	1.884	15	1.737	13	1.593	11	1.455	8,8	1.320	7
ERMA015C2	2.193	18	2.034	17	1.916	15	1.794	13	1.671	11	1.549	9,6
ERMA018C2	3.292	38	3.131	36	2.926	33	2.701	29	2.469	26	2.239	22
ERMA025C2	4.148	45	3.853	40	3.558	35	3.265	30	2.970	25	2.677	20
ERMA027C2	4.567	54	4.131	47	3.793	42	3.505	37	3.224	33	–	–
ERMA030C2	5.265	62	4.974	57	4.638	52	4.308	46	3.947	41	–	–
ERMA035C2	6.117	76	5.721	69	5.314	62	4.940	56	4.535	50	–	–

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Productos de refrigeración