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US 6 → 20HP
Condenser Unit
Unidad condensadora

The US Condenser Unit main characteristic is customization. Available in basic, complete mechanical, as well as complete mechanical and electrical versions, it has models with and without fairing and option with Scroll type compressor (Elgin and Copeland) or Semi-hermetic (Bitzer, Copeland, and Dorin). Optional: Oil separator, liquid separator (accumulator), suction line filter, service valve (tank inlet), suction line insulation, Elgin Smart, condensation control, compressor contactor overload relay, inversion and phase failure relay, circuit breaker capacity control and hot gas defrosting.

La principal característica de la Unidad condensadora US es la personalización. Disponible en las versiones Básica, Mecánica completa y Mecánica y eléctrica completa, tiene modelos con carenado y sin carenado y la opción de compresores Scroll (Elgin y Copeland) o Semi-herméticos (Bitzer, Copeland y Dorin).
Optional: Oil separator, liquid separator (accumulator), suction line filter, service valve (tank inlet), suction line insulation, Elgin Smart, condensation control, compressor contactor overload relay, inversion and phase failure relay, circuit breaker capacity control and hot gas defrosting.

Capacity Capacidad	2,876 → 56.861 kcal/h
Application Aplicación	15°C → -40°C
Commercial reference Referencia comercial	6 → 20 HP
Compressor brand Marca de compresor	Elgin / Copeland / Bitzer / Dorin
Compressor type Tipo de compresor	Alternative/Reciproco Scroll
Coolant Fluido refrigerante	R-404A / R-507 / R-134a R-448/R-449 / R-134a / R-22
Structure Estructura	With and without fairing Con y sin carenado
Electrical feature Característica eléctrica	220V-3F-60Hz 220V-3F-60/50Hz 380V-3F-60Hz 380V-3F-50Hz 440V-3F-60Hz
Condenser	Aluminum fin and copper pipe Aleta de aluminio y tubo de cobre

Access the website

Version / Versión: 07/2023

Nomenclature

U	S	C	MB	4	100	J	T	C	N	C	0	0
Product Producto	**Air flow** Flujo de aire	**Compressor** Compresor	**Application** Aplicación	**Fluid** Fluid	**Model** Model	**Voltage** Voltaje	**Line of Liquid** Línea de líquido	**Compressor** Compresor	**Installation** Instalación	**Version** Versión	**Optional mechanical** Opcional mecánico	**Optional Electrical** Opcional eléctrico
U: Conden. Unit Unidad Conden.	**S:** Horizontal flow / Flujo horizontal	**C:** Scroll **H:** Semi Hermetic Alternative/ Recíproco	**MB:** Medium/Low/ Medio/bajo **B0:** Low/ Bajo	**4:** R-404A R-507 R134a R-448/ R449A	060 070 080 090 100 120 130 140 150 180 200	**J:** 380V-3F 60 Hz **T:** 220V-3F (1) **D:** 440V-3F 60 Hz **F:** 380V-3F 50 Hz	**T:** Liquid storage tank, Sight and Filter/ Tanque de líquido, visor y filtro	**C:** Elgin* **0:** Copeland **B:** Bitzer Semi Hermetic Alternative/ Recíproco **D:** Dorin* Semi Hermetic Alternative/ Recíproco	**N:** Without Cabinet/ Sin Gabinete **T:** With Cabinet/ Con Gabinete	C	**0:** Basic/ Básico **C:** Complete/ Complete **G:** *Complete with hot gas defrosting/ *Deshielo por gas caliente	**0:** Basic/ Básico **1:** Complete/ Complete **2:** *Complete with capacity control/ *Completa con Control de capacidad

Notes

(1) For Condenser Units with Voltage 220V-3F, check the frequency in the Electrical data.

*Check the information about hot gas defrosting and capacity control in the table “Accessories”.

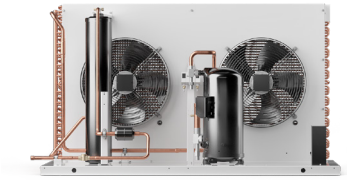
We recommend using an inversion and phase failure relay. An oil separator should be used for system with lines higher than 20 meters. A suction accumulator should be used in systems with evaporation temperatures lower than -18°C

Notes

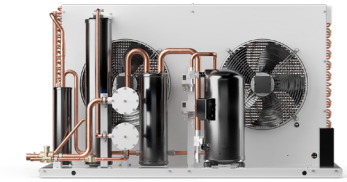
(1) Para unidades condensadoras con voltaje 220V-3F, verifique la frecuencia en los Datos eléctricos.

*Vea la información sobre deshielo por gas caliente y control de capacidad en la tabla “Acessórios”.

Recomendamos usar relé inversor y falta de fase. El separador de aceite debe usarse para sistemas con líneas de más de 20 metros. El acumulador de succión debe usarse en sistemas con una temperatura de evaporación por debajo de -18 ° C.



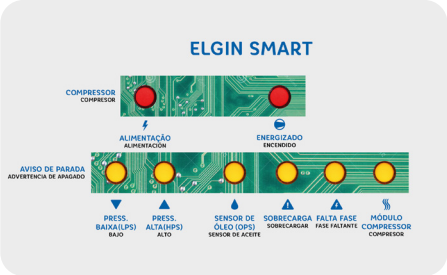
Basic
Basic



Complete mechanical
Mecánica completa

Complete mechanical and electrical
Mecánica y eléctrica completa

Elgin Smart - Diagnosis module / Elgin Smart - Módulo de diagnóstico



Exclusive electronic module available for the Complete mechanical and electrical version that allows diagnosis possible problems in a quick and visual way.
Red lights: When ON, they indicate that the compressor is correctly powered.
Yellow lights: When ON, they indicate the reason for the stop.

Exclusivo módulo electrónico disponible para versión mecánica y eléctrica completa que permite diagnosticar posibles problemas de forma rápida y visual.
Luces rojas: Cuando están encendidas, indican que el compresor está correctamente energizado.
Luces amarillas: Cuando están encendidas, indican el motivo de la parada.

Environment temperature correction value due to the altitude
Valor de corrección de la Temperatura Ambiente en función de la altitud

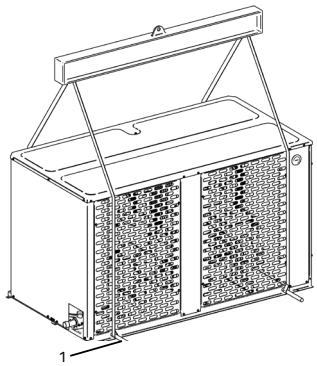
Refer to the capacity table and add the values at the ambient temperature, according to the corresponding altitude found in the table below:
Consultar la tabla de capacidades y sumar los valores a temperatura ambiente, según la altitud que se encuentra en la siguiente tabla:

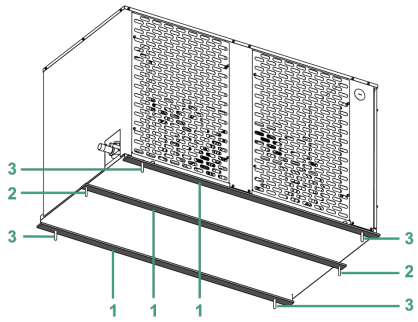
Installation altitude (Sea level) Altitud de instalación (nivel del mar)	Add to the ambient temperature °C Añadir a Temperatura Ambiente °C
1000 m	0
2000 m	3
3000 m	5
4000 m	7
5000 m	10

Number of Compressors	Models of Compressors				
	Bitzer Semi Hermetic	Dorin Semi Hermetic	Copeland Semi Hermetic	Elgin Scroll	Copeland Scroll
1	✓	✓	✓	✓	✓

Mechanical Accessories		Configuration 0	Configuration C	Configuration G
Suction line filter		X	✓	✓
Liquid line filter		✓	✓	✓
Liquid separator (accumulator)		X	✓	✓
Oil separator	Comp. Semi Herm.	✓	✓	✓
	Comp. Scroll	X	✓	
Liquid Sight		✓	✓	✓
Tank of liquid		✓	✓	✓
Service valve (Tank inlet)		X	✓	✓
Service valve (Tank outlet)		✓	✓	✓
Service valve (Suction line)		✓	✓	✓
Retention valve		✓	✓	✓
Anti-vibration pipe at discharge	Comp. Semi Herm.	X	✓	✓
	Comp. Scroll	X	✓	✓
Suction line insulation		X	✓	✓
Service valve and Solenoid valve (Hot gas line)		X	X	✓

Electric Accessories	Configuration 0	Configuration 1	Configuration 2
Adjustable high and low pressure switch	✓	✓	✓
Metallic electrical box	✓	✓	✓
Condensation control by pressure switch (on/off) 2 VENT - 50/100%	X	X	✓
Compressor contractor	X	X	✓
Elgin Smart	X	✓	✓
Crankcase heater	✓	✓	✓
Capacity control Bitzer and Dorin compressor	X	X	✓
Overload relay	X	✓	✓
Inversion and phase failure relay	X	✓	✓
Circuit breaker	X	✓	✓





Lifting instructions
Instrucción de elevación

1) Round steel bar Ø7/8"x1300 mm or rod CA50 Ø3/4"x1300 mm. The lifting and mounting accessories are not supplied with the condenser unit.

1) Barra de acero redonda Ø7/8"x1300mm o barra de refuerzo CA50 Ø3/4"x1300mm. Los accesorios de elevación y fijación no se incluyen con la unidad condensadora.

Mounting instruction
Instrucción de fijación

1) The condenser unit shall be placed on three high-density rubber bands with minimum width of 50 mm, thickness between 6 to 14 mm, and its length shall not exceed the Condenser Unit in 30 mm.
2) Attach the central rubber band in the flooring or structure with a bolt in each end.
3) Attach the condenser unit and the side bands on the flooring or structure with 3/8 threads bolts and washers.

1) La unidad condensadora debe colocarse sobre tres cintas de goma de alta densidad con un ancho mínimo de 50mm, un grosor entre 6 y 14mm y su longitud debe exceder la unidad condensadora en 30 mm.
2) La cinta de goma central debe fijarse al suelo o estructura con un tornillo en cada lado.
3)La unidad condensadora y las gomas laterales deben fijarse al suelo o estructura con tornillos de rosca de 3/8 y arandelas.

Capacity data / Datos de capacidad

Model	HP	Amb. Temp.		Cold storage capacity / Capacidad Frigorífica [Kcal/h] Evaporation temperature / Temperatura de Evaporación [°C]															
		°C		5°C	0°C	-5°C	-10°C	-15°C	-20°C	-25°C	-30°C	-35°C	10°C	5°C	0°C	-5°C	-10°C	-15°C	-20°C	-25°C
				R-404A / R-507									R-134a							
				Dorin Alternative - Medium and low temperature Dorin Recíproco - Media e baja temperatura																
USHMB4060	6	32°C	Q	21,596	18,605	15,840	13,312	11,013	8,950	7,157	5,566	4,776	17,517	14,658	12,078	9,785	7,780	6,063	4,619	3,441
			P	8.44	7.73	7.04	6.36	5.68	5.03	4.37	3.76	4.23	4.68	4.29	3.93	3.57	3.23	2.9	2.58	2.28
		35°C	Q	20,516	17,664	15,028	12,621	10,432	8,470	6,751	5,239	4,332	16,868	14,105	11,613	9,399	7,463	5,804	4,407	3,266
			P	8.75	7.97	7.22	6.48	5.76	5.07	4.39	3.76	3.89	4.86	4.44	4.06	3.67	3.31	2.96	2.62	2.3
		38°C	Q	19,436	16,725	14,218	11,930	9,851	7,990	6,347	4,913	3,890	16,218	13,553	11,148	9,013	7,146	5,545	4,196	3,092
			P	9.06	8.21	7.39	6.6	5.84	5.11	4.41	3.76	3.55	5.04	4.6	4.18	3.78	3.4	3.02	2.66	2.32
		43°C	Q	17,492	15,112	12,891	10,851	8,985	7,305	5,793	4,484	3,330	15,150	12,687	10,453	8,461	6,711	5,202	3,926	2,876
			P	9.61	8.61	7.68	6.79	5.95	5.16	4.44	3.76	3.13	5.33	4.84	4.38	3.93	3.51	3.1	2.72	2.35
USHMB4070	7	32°C	Q	24,255	21,047	18,046	15,272	12,719	10,405	8,366	6,543	5,607	20,024	16,746	13,783	11,150	8,850	6,886	5,242	3,912
			P	10.13	9.23	8.35	7.51	6.71	5.94	5.16	4.47	4.94	5.72	5.2	4.72	4.28	3.85	3.45	3.06	2.69
		35°C	Q	22,990	19,944	17,094	14,460	12,038	9,844	7,895	6,166	5,087	19,268	16,105	13,247	10,708	8,492	6,598	5,012	3,728
			P	10.47	9.49	8.56	7.67	6.81	6	5.2	4.48	4.55	5.94	5.39	4.88	4.41	3.96	3.53	3.11	2.72
		38°C	Q	21,725	18,841	16,142	13,650	11,358	9,284	7,425	5,790	4,569	18,512	15,464	12,711	10,267	8,134	6,310	4,783	3,545
			P	10.8	9.76	8.77	7.82	6.91	6.06	5.24	4.49	4.16	6.16	5.58	5.04	4.54	4.06	3.6	3.17	2.74
		43°C	Q	19,340	16,861	14,513	12,328	10,302	8,454	6,760	5,280	3,899	17,207	14,414	11,877	9,613	7,627	5,920	4,484	3,313
			P	11.43	10.24	9.12	8.07	7.08	6.15	5.3	4.5	3.65	6.54	5.9	5.3	4.73	4.21	3.71	3.23	2.78
USHMB4090	9	32°C	Q	30,580	26,317	22,390	18,805	15,549	12,632	10,106	7,861	6,924	24,518	20,489	16,876	13,686	10,912	8,546	6,563	4,951
			P	11	10.18	9.35	8.51	7.67	6.84	5.98	5.18	5.95	6.67	6.11	5.56	5.03	4.51	4	3.51	3.06
		35°C	Q	29,030	24,971	21,232	17,824	14,732	11,966	9,552	7,425	6,288	23,639	19,737	16,238	13,150	10,464	8,173	6,251	4,687
			P	11.38	10.48	9.59	8.69	7.8	6.91	6.03	5.19	5.47	6.92	6.3	5.71	5.13	4.58	4.05	3.54	3.08
		38°C	Q	27,490	23,632	20,080	16,847	13,917	11,301	9,000	6,989	5,653	22,765	18,987	15,602	12,615	10,017	7,800	5,940	4,423
			P	11.75	10.79	9.82	8.86	7.92	6.99	6.08	5.2	4.99	7.16	6.49	5.85	5.23	4.65	4.09	3.57	3.1
		43°C	Q	24,873	21,453	18,283	15,386	12,747	10,382	8,264	6,428	4,861	21,387	17,860	14,686	11,875	9,422	7,321	5,552	4,102
			P	12.4	11.28	10.19	9.13	8.09	7.1	6.14	5.22	4.4	7.55	6.78	6.05	5.37	4.74	4.15	3.6	3.13
USHMB4120	12	32°C	Q	35,055	30,054	25,516	21,396	17,675	14,357	11,512	8,961	7,955	32,808	27,394	22,535	18,239	14,500	11,306	8,625	6,442
			P	11.63	10.8	9.98	9.15	8.32	7.49	6.65	5.84	7.05	8.6	8.02	7.39	6.74	6.07	5.38	4.69	4.03
		35°C	Q	33,300	28,612	24,293	20,372	16,830	13,670	10,931	8,493	7,227	31,543	26,321	21,635	17,494	13,888	10,807	8,217	6,103
			P	12.06	11.16	10.27	9.38	8.5	7.63	6.75	5.9	6.5	8.89	8.25	7.58	6.89	6.17	5.45	4.75	4.07
		38°C	Q	31,549	27,176	23,075	19,355	15,991	12,990	10,357	8,031	6,509	30,283	25,254	20,742	16,755	13,283	10,313	7,814	5,770
			P	12.5	11.51	10.56	9.61	8.68	7.76	6.85	5.96	5.96	9.18	8.49	7.76	7.03	6.28	5.53	4.81	4.12
		43°C	Q	28,740	24,955	21,262	17,893	14,828	12,077	9,611	7,448	5,627	28,314	23,656	19,459	15,734	12,477	9,678	7,312	5,364
			P	13.2	12.05	10.98	9.95	8.93	7.94	6.97	6.04	5.29	9.64	8.84	8.03	7.22	6.42	5.63	4.88	4.17
USHMB4150	15	32°C	Q	45,028	39,385	34,076	29,125	24,526	20,309	16,524	13,105	11,343	36,970	30,890	25,421	20,579	16,354	12,735	9,685	7,185
			P	17.14	15.93	14.65	13.33	11.97	10.6	9.24	7.94	9.02	9.42	8.68	7.94	7.19	6.44	5.7	4.97	4.26
		35°C	Q	42,778	37,422	32,374	27,663	23,279	19,253	15,614	12,333	10,273	35,618	29,740	24,454	19,771	15,685	12,180	9,221	6,788
			P	17.7	16.37	14.98	13.56	12.13	10.7	9.3	7.98	8.31	9.77	8.96	8.16	7.36	6.56	5.78	5.01	4.28
		38°C	Q	40,523	35,459	30,676	26,206	22,038	18,204	14,712	11,568	9,216	34,268	28,595	23,491	18,970	15,022	11,631	8,763	6,397
			P	18.27	16.8	15.3	13.79	12.28	10.8	9.37	8.02	7.61	10.12	9.24	8.38	7.53	6.68	5.86	5.06	4.3
		43°C	Q	36,556	32,143	27,921	23,939	20,186	16,703	13,471	10,556	7,873	32,082	26,824	22,071	17,838	14,123	10,914	8,185	5,918
			P	19.26	17.54	15.83	14.15	12.51	10.94	9.45	8.07	6.73	10.69	9.68	8.71	7.76	6.84	5.96	5.12	4.33
USHMB4200	20	32°C	Q	51,940	45,162	38,862	33,066	27,749	22,945	18,703	14,915	13,082	41,219	34,530	28,467	23,060	18,318	14,245	10,813	8,017
			P	21.33	19.2	17.23	15.41	13.71	12.13	10.63	9.26	10.4	11.19	10.18	9.21	8.3	7.43	6.61	5.82	5.07
		35°C	Q	49,446	42,972	36,957	31,424	26,354	21,769	17,695	14,073	11,862	39,620	33,173	27,329	22,117	17,546	13,617	10,303	7,596
			P	22.04	19.78	17.69	15.75	13.96	12.29	10.73	9.3	9.57	11.55	10.47	9.45	8.49	7.57	6.71	5.89	5.12
		38°C	Q	46,938	40,776	35,052	29,784	24,964	20,600	16,694	13,239	10,657	38,022	31,819	26,196	21,181	16,781	12,995	9,798	7,180
			P	22.76	20.36	18.15	16.1	14.2	12.45	10.83	9.34	8.76	11.92	10.77	9.69	8.67	7.71	6.8	5.95	5.16
		43°C	Q	42,239	36,855	31,813	27,127	22,814	18,871	15,278	12,106	9,095	35,340	29,658	24,474	19,823	15,719	12,167	9,151	6,663
			P	24.11	21.4	18.93	16.66	14.59	12.69	10.97	9.4	7.7	12.53	11.24	10.05	8.93	7.89	6.93	6.04	5.22

Q = Capacity (Kcal/h)
P = Consumed power (kW)
Capacities are based on the following conditions:
- Capacity at 60Hz, if 50Hz multiply it by 0.83
- Suction temperature: 18.3ºC / Subcooling: 3.2ºC
- To obtain the capacity in BTU/h multiply by 3.9
- To obtain the capacity in BTU/h divide by 860
- To obtain the temperature in °F: (Value °C × 1.8)+32 = Value °F

Q = Capacidad (Kcal / h)
P = Energía consumida (kW)
Las capacidades se basan en las siguientes condiciones:
- Capacidad a 60Hz,para 50Hz multiplicar por 0.83
- Temperatura de aspiración: 18,3 ° C / Subenfriamiento: 3,2 ° C
- Para obtener la capacidad en BTU / h multiplicar por 3.9
- Para obtener la capacidad en kW dividir por 860
- Para obtener la temperatura en °F: (Value °C × 1.8)+32 = Value °F

Capacity data / Datos de capacidad

Model	HP	Ambient temperature Ambiente		Cold storage capacity / Capacidad Frigorífica [Kcal/h] Evaporation temperature / Temperatura de Evaporación [°C]					
				5°C	0°C	-5°C	-10°C	-15°C	-20°C
Copeland Alternative - Medium and low temperature - R-404A/R-507									
Copeland Recíproco - Media e baja temperatura - R-404A/R-507									
USHMB4080	8	32°C	Q	31,172	26,978	22,935	19,131	15,613	12,441
			P	10.26	9.7	9.11	8.47	7.81	7.11
		35°C	Q	29,572	25,542	21,691	18,113	14,859	11,994
			P	10.67	10.04	9.37	8.66	7.9	7.11
		38°C	Q	27,983	24,113	20,452	17,099	14,108	11,549
			P	11.09	10.37	9.64	8.84	8	7.1
		43°C	Q	25,284	21,787	18,518	15,580	13,025	10,929
			P	11.79	10.92	10.05	9.11	8.13	7.1
USHMB4120	12	32°C	Q	37,465	32,152	27,296	22,859	19,015	15,645
			P	11.62	11.01	10.31	9.6	8.87	8.08
		35°C	Q	35,704	30,648	26,051	21,845	18,188	14,949
			P	12.08	11.41	10.65	9.87	9.09	8.24
		38°C	Q	33,945	29,148	24,813	20,838	17,367	14,259
			P	12.53	11.8	10.98	10.14	9.3	8.4
		43°C	Q	31,071	26,789	22,934	19,366	16,208	13,317
			P	13.28	12.42	11.48	10.54	9.59	8.62
USHMB4150	15	32°C	Q	48,218	41,809	35,692	30,085	25,230	20,823
			P	17.43	16.18	14.88	13.66	11.91	11.31
		35°C	Q	45,819	39,755	33,994	28,735	24,129	19,916
			P	18.03	16.68	15.3	14.02	12.19	11.55
		38°C	Q	43,413	37,700	32,297	27,389	23,032	19,014
			P	18.63	17.19	15.73	14.38	12.48	11.77
		43°C	Q	39,099	34,166	29,502	25,260	21,374	17,699
			P	19.71	18.05	16.42	14.95	12.91	12.11

Capacity data / Datos de capacidad

Model	HP	Amb. Temp.		Cold storage capacity / Capacidad Frigorífica [Kcal/h] Evaporation temperature / Temperatura de Evaporación [°C]										
		°C		-20°C	-25°C	-30°C	-35°C	-40°C	10°C	5°C	0°C	-5°C	-10°C	-15°C	-20°C
				R-404A / R-507					R-134a						
				Copeland Alternative - Medium and low temperature Copeland Recíproco - Media e baja temperatura											
USHB04120	12	32°C	Q	14,154	11,644	9,420	7,461	5,761	26,287	22,368	18,765	15,581	12,739	10,222	7,986
			P	8.41	7.46	6.6	5.76	4.91	7.87	7.24	6.65	6.07	5.51	4.92	4.34
		35°C	Q	13,538	11,146	9,006	7,097	5,409	25,276	21,518	18,062	14,991	12,240	9,790	7,587
			P	8.61	7.61	6.69	5.78	4.87	8.19	7.51	6.87	6.23	5.62	4.98	4.35
		38°C	Q	12,922	10,648	8,592	6,734	5,057	24,263	20,668	17,359	14,400	11,742	9,358	7,190
			P	8.81	7.76	6.77	5.81	4.83	8.51	7.78	7.08	6.4	5.73	5.04	4.36
		43°C	Q	11,909	9,869	7,976	6,220	4,585	-	19,125	16,151	13,438	10,972	8,724	6,636
			P	9.14	7.99	6.91	5.85	4.78	-	8.26	7.46	6.66	5.9	5.12	4.38
USHB04140	14	32°C	Q	19,902	16,445	13,377	10,719	8,383	35,618	30,084	25,150	20,861	17,022	13,576	10,434
			P	11.38	10.16	8.94	7.75	6.63	10.23	9.46	8.7	7.99	7.25	6.5	5.73
		35°C	Q	19,053	15,738	12,777	10,187	7,885	34,316	28,983	24,246	20,099	16,395	13,065	10,010
			P	11.62	10.34	9.05	7.79	6.59	10.62	9.81	8.99	8.2	7.39	6.57	5.71
		38°C	Q	18,208	15,033	12,178	9,655	7,387	33,023	27,889	23,346	19,340	15,769	12,554	9,587
			P	11.87	10.51	9.17	7.83	6.56	11.01	10.16	9.28	8.42	7.53	6.63	5.69
		43°C	Q	16,883	13,978	11,321	8,928	6,736	30,711	26,031	21,893	18,173	14,851	11,840	9,020
			P	12.25	10.77	9.33	7.89	6.51	11.7	10.75	9.74	8.74	7.74	6.72	5.65

Q = Capacity (Kcal/h)
P = Consumed power (kW)
Capacities are based on the following conditions:
- Capacity at 60Hz, if 50Hz multiply it by 0.83
- Suction temperature: 18.3ºC / Subcooling: 3.2ºC
- To obtain the capacity in BTU/h multiply by 3.9
- To obtain the capacity in BTU/h divide by 860
- To obtain the temperature in °F: (Value °C × 1.8)+32 = Value °F

Q = Capacidad (Kcal / h)
P = Energía consumida (kW)
Las capacidades se basan en las siguientes condiciones:
- Capacidad a 60Hz,para 50Hz multiplicar por 0.83
- Temperatura de aspiración: 18,3 ° C / Subenfriamiento: 3,2 ° C
- Para obtener la capacidad en BTU / h multiplicar por 3.9
- Para obtener la capacidad en kW dividir por 860
- Para obtener la temperatura en °F: (Value °C × 1.8)+32 = Value °F

Capacity data / Datos de capacidad

Model	HP	Amb. Temp. °C		Cold storage capacity / Capacidad Frigorífica [Kcal/h] Evaporation temperature / Temperatura de Evaporación [°C]															
				5°C	0°C	-5°C	-10°C	-15°C	-20°C	-25°C	-30°C	-35°C	10°C	5°C	0°C	-5°C	-10°C	-15°C	-20°C	-25°C
				R-404A / R-507									R-134a							
				Bitzer Alternative - Medium and low temperature Bitzer Recíproco - Media e baixa Temperatura																
USHMB4060	6	32°C	Q	20,954	18,072	15,407	12,971	10,772	8,809	7,081	5,580	4,295	17,273	14,506	12,048	9,882	7,993	6,364	4,975	3,804
			P	7.62	7.12	6.6	6.06	5.51	4.96	4.41	3.86	3.33	4.56	4.22	3.88	3.54	3.2	2.87	2.54	2.22
		35°C	Q	19,820	17,109	14,594	12,290	10,206	8,343	6,700	5,271	4,048	16,614	13,953	11,586	9,498	7,676	6,102	4,760	3,627
			P	7.86	7.31	6.76	6.18	5.6	5.02	4.44	3.86	3.31	4.77	4.38	4.01	3.64	3.27	2.91	2.56	2.23
		38°C	Q	18,687	16,147	13,783	11,610	9,641	7,877	6,320	4,963	3,801	15,954	13,401	11,125	9,115	7,359	5,841	4,545	3,451
			P	8.09	7.51	6.91	6.3	5.69	5.07	4.46	3.86	3.28	4.97	4.55	4.14	3.73	3.34	2.96	2.59	2.24
		43°C	Q	16,701	14,528	12,473	10,559	8,802	7,213	5,798	4,557	3,486	14,875	12,537	10,436	8,566	6,922	5,494	4,269	3,232
			P	8.5	7.84	7.17	6.49	5.82	5.15	4.5	3.86	3.25	5.31	4.81	4.33	3.88	3.44	3.02	2.62	2.25
USHMB4070	7	32°C	Q	23,569	20,422	17,494	14,802	12,357	10,163	8,218	6,517	5,051	20,140	16,868	13,949	11,376	9,137	7,214	5,584	4,225
			P	9.04	8.41	7.76	7.11	6.46	5.8	5.15	4.52	3.9	5.47	5.03	4.61	4.19	3.78	3.38	2.99	2.61
		35°C	Q	22,326	19,360	16,592	14,042	11,722	9,638	7,788	6,170	4,774	19,335	16,196	13,392	10,916	8,758	6,903	5,331	4,018
			P	9.32	8.65	7.96	7.27	6.58	5.89	5.21	4.54	3.91	5.68	5.2	4.73	4.28	3.84	3.42	3	2.61
		38°C	Q	21,083	18,298	15,691	13,283	11,088	9,113	7,359	5,823	4,497	18,532	15,525	12,835	10,456	8,380	6,593	5,078	3,813
			P	9.6	8.88	8.16	7.43	6.7	5.97	5.26	4.57	3.91	5.88	5.36	4.86	4.38	3.91	3.45	3.02	2.6
		43°C	Q	18,793	16,424	14,169	12,057	10,108	8,337	6,750	5,350	4,134	17,151	14,431	11,969	9,774	7,844	6,173	4,748	3,553
			P	10.11	9.3	8.49	7.68	6.88	6.1	5.34	4.6	3.91	6.23	5.63	5.06	4.51	3.99	3.5	3.03	2.59
USHMB4090	9	32°C	Q	31,582	27,088	22,987	19,280	15,962	13,020	10,442	8,205	6,292								
			P	11.13	10.36	9.57	8.76	7.94	7.11	6.29	5.47	4.68								
		35°C	Q	30,033	25,766	21,864	18,333	15,169	12,362	9,902	7,769	5,944								
			P	11.53	10.69	9.83	8.97	8.09	7.22	6.35	5.5	4.68								
		38°C	Q	28,495	24,451	20,747	17,389	14,377	11,706	9,363	7,333	5,597								
			P	11.92	11.01	10.1	9.17	8.24	7.32	6.41	5.53	4.68								
		43°C	Q	25,850	22,288	18,985	15,963	13,230	10,791	8,639	6,767	5,160								
			P	12.59	11.55	10.51	9.48	8.46	7.47	6.5	5.56	4.68								
USHMB4120	12	32°C	Q	40,914	34,918	29,468	24,560	20,186	16,327	12,962	10,062	7,598								
			P	13.57	12.56	11.54	10.49	9.43	8.36	7.31	6.28	5.31								
		35°C	Q	38,861	33,172	27,990	23,319	19,151	15,472	12,264	9,500	7,152								
			P	14.03	12.95	11.85	10.73	9.61	8.49	7.39	6.33	5.32								
		38°C	Q	36,809	31,429	26,519	22,084	18,123	14,625	11,573	8,944	6,711								
			P	14.5	13.34	12.16	10.97	9.79	8.62	7.47	6.37	5.33								
		43°C	Q	33,359	28,623	24,247	20,256	16,661	13,465	10,661	8,234	6,167								
			P	15.29	13.96	12.64	11.33	10.04	8.79	7.58	6.42	5.35								
USHMB4150	15	32°C	Q	45,596	38,963	32,886	27,379	22,444	18,072	14,247	10,943	8,132								
			P	15.79	14.52	13.25	11.97	10.69	9.42	8.17	6.97	5.82								
		35°C	Q	43,220	36,934	31,165	25,929	21,232	17,070	13,428	10,282	7,609								
			P	16.28	14.91	13.55	12.19	10.83	9.5	8.2	6.94	5.75								
		38°C	Q	40,840	34,907	29,448	24,485	20,028	16,075	12,616	9,629	7,092								
			P	16.76	15.3	13.85	12.41	10.98	9.58	8.22	6.92	5.7								
		43°C	Q	36,693	31,532	26,717	22,290	18,277	14,690	11,531	8,789	6,449								
			P	17.61	15.95	14.33	12.74	11.19	9.69	8.25	6.89	5.62								
USHMB4200	20	32°C	Q	51,792	44,622	37,980	31,903	26,409	21,505	17,182	13,424	10,204								
			P	19.23	17.63	16.05	14.49	12.95	11.44	9.98	8.57	7.25								
		35°C	Q	49,094	42,315	36,020	30,251	25,029	20,363	16,249	12,671	9,608								
			P	19.84	18.14	16.47	14.82	13.2	11.62	10.09	8.64	7.28								
		38°C	Q	46,385	40,004	34,062	28,603	23,655	19,228	15,323	11,926	9,018								
			P	20.46	18.66	16.88	15.14	13.44	11.79	10.21	8.71	7.31								
		43°C	Q	41,406	35,950	30,784	25,973	21,561	17,577	14,033	10,930	8,259								
			P	21.59	19.55	17.57	15.66	13.81	12.04	10.37	8.8	7.35								

For higher capacities, see the next page
Para mayores capacidades, consulte la página siguiente

Q = Capacity (Kcal/h)
P = Consumed power (kW)
Capacities are based on the following conditions:
- Capacity at 60Hz, if 50Hz multiply it by 0.83
- Suction temperature: 18.3ºC / Subcooling: 3.2ºC
- To obtain the capacity in BTU/h multiply by 3.9
- To obtain the capacity in BTU/h divide by 860
- To obtain the temperature in °F: (Value °C × 1.8)+32 = Value °F

Q = Capacidad (Kcal / h)
P = Energía consumida (kW)
Las capacidades se basan en las siguientes condiciones:
- Capacidad a 60Hz,para 50Hz multiplicar por 0.83
- Temperatura de aspiración: 18,3 ° C / Subenfriamiento: 3,2 ° C
- Para obtener la capacidad en BTU / h multiplicar por 3.9
- Para obtener la capacidad en kW dividir por 860
- Para obtener la temperatura en °F: (Value °C × 1.8)+32 = Value °F

Capacity data / Datos de capacidad

Model	HP	Amb. Temp. °C		Cold storage capacity / Capacidad Frigorífica [Kcal/h] Evaporation temperature / Temperatura de Evaporación [°C]														
				-5°C	-10°C	-15°C	-20°C	-25°C	-30°C	-35°C	-40°C	10°C	5°C	0°C	-5°C	-10°C	-15°C	-20°C	-25°C
				R-404A / R-507								R-134a							
				Bitzer Alternative - Low temperature Bitzer Recíproco - Baixa Temperatura								Bitzer Alternative - Medium and low temperature Bitzer Recíproco - Media y baixa Temperatura							
USHB04060	6	32°C	Q	20,728	17,615	14,756	12,165	9,850	7,807	6,031	4,513	23,761	20,045	16,693	13,709	11,091	8,824	6,891	5,268
			P	10.10	9.12	8.17	7.25	6.35	5.50	4.68	3.92	6.98	6.36	5.77	5.21	4.68	4.17	3.68	3.21
		35°C	Q	19,654	16,705	13,991	11,530	9,327	7,383	5,694	4,249	22,810	19,251	16,034	13,165	10,644	8,459	6,594	5,028
			P	10.35	9.32	8.32	7.35	6.42	5.53	4.68	3.89	7.25	6.57	5.94	5.34	4.77	4.23	3.71	3.22
		38°C	Q	18,580	15,795	13,227	10,894	8,805	6,960	5,356	3,986	21,858	18,456	15,375	12,621	10,198	8,095	6,298	4,787
			P	10.61	9.52	8.47	7.45	6.48	5.55	4.68	3.87	7.51	6.79	6.11	5.47	4.86	4.29	3.74	3.24
		43°C	Q	16,638	14,230	11,978	9,906	8,032	6,362	4,901	3,644	20,114	17,077	14,290	11,772	9,535	7,578	5,896	4,474
			P	11.06	9.86	8.71	7.61	6.57	5.59	4.68	3.84	8.00	7.17	6.40	5.68	5.00	4.37	3.79	3.25
USHB04090	9	32°C	Q	24,290	20,811	17,533	14,501	11,745	9,282	7,119	5,256	28,682	24,461	20,535	16,946	13,722	10,878	8,418	6,334
			P	13.09	11.56	10.13	8.81	7.57	6.43	5.38	4.44	8.99	8.13	7.31	6.53	5.77	5.03	4.33	3.67
		35°C	Q	22,916	19,643	16,550	13,682	11,069	8,732	6,678	4,908	27,423	23,406	19,655	16,212	13,109	10,361	7,976	5,946
			P	13.41	11.8	10.32	8.93	7.65	6.46	5.37	4.40	9.30	8.38	7.50	6.66	5.85	5.09	4.36	3.69
		38°C	Q	21,542	18,477	15,568	12,863	10,394	8,182	6,237	4,561	26,163	22,350	18,774	15,479	12,497	9,846	7,535	5,559
			P	13.73	12.05	10.50	9.06	7.73	6.49	5.37	4.37	9.62	8.62	7.68	6.79	5.94	5.14	4.39	3.7
		43°C	Q	NA	16,338	13,867	11,524	9,351	7,379	5,627	4,103	NA	20,385	17,227	14,263	11,539	9,084	6,917	5,044
			P	NA	12.50	10.81	9.26	7.84	6.54	5.37	4.33	NA	9.08	8.00	7.00	6.07	5.22	4.43	3.73
USHB04120	12	32°C	Q	30,794	25,931	21,482	17,468	13,901	10,777	8,086	5,807	35,821	30,127	24,959	20,336	16,261	12,727	9,714	7,196
			P	13.76	12.32	10.92	9.58	8.30	7.07	5.91	4.84	9.44	8.67	7.90	7.13	6.36	5.59	4.84	4.12
		35°C	Q	29,100	24,495	20,275	16,464	13,074	10,104	7,546	5,382	34,268	28,828	23,875	19,432	15,506	12,090	9,170	6,721
			P	14.05	12.51	11.04	9.63	8.28	7.00	5.80	4.69	9.77	8.92	8.08	7.25	6.42	5.60	4.81	4.06
		38°C	Q	27,419	23,068	19,074	15,463	12,249	9,433	7,007	4,957	32,726	27,536	22,796	18,532	14,752	11,455	8,627	6,245
			P	14.33	12.71	11.16	9.68	8.27	6.93	5.69	4.54	10.09	9.17	8.26	7.36	6.48	5.62	4.79	4.01
		43°C	Q	24,514	20,728	17,204	13,981	11,086	8,529	6,313	4,431	30,012	25,379	21,089	17,179	13,676	10,589	7,918	5,649
			P	14.81	13.03	11.34	9.75	8.25	6.84	5.54	4.36	10.67	9.59	8.54	7.54	6.57	5.64	4.76	3.94
USHB04140	14	32°C	Q	34,916	29,701	24,867	20,456	16,493	12,991	9,946	7,348	40,599	34,388	28,686	23,533	18,951	14,946	11,508	8,615
			P	16.93	15.16	13.47	11.85	10.31	8.85	7.47	6.20	11.56	10.53	9.53	8.57	7.62	6.70	5.81	4.96
		35°C	Q	32,975	28,051	23,476	19,295	15,533	12,206	9,312	6,843	38,848	32,920	27,461	22,512	18,098	14,227	10,893	8,077
			P	17.28	15.41	13.63	11.92	10.30	8.77	7.34	6.02	11.96	10.85	9.77	8.73	7.72	6.74	5.80	4.91
		38°C	Q	31,051	26,413	22,094	18,139	14,577	11,423	8,679	6,338	37,112	31,463	26,243	21,496	17,248	13,510	10,279	7,539
			P	17.62	15.66	13.78	11.99	10.3	8.70	7.21	5.84	12.37	11.16	10.00	8.89	7.81	6.77	5.79	4.86
		43°C	Q	27,538	23,579	19,828	16,344	13,167	10,326	7,834	5,693	33,887	28,902	24,219	19,898	15,982	12,497	9,453	6,847
			P	18.25	16.09	14.04	12.1	10.29	8.6	7.04	5.62	13.11	11.72	10.39	9.14	7.95	6.83	5.77	4.79
USHB04180	18	32°C	Q	47,339	40,536	34,210	28,407	23,151	18,452	14,307	10,758	54,265	46,079	38,648	31,973	26,042	20,830	16,303	12,418
			P	22.93	20.59	18.38	16.27	14.28	12.38	10.60	8.84	15.51	14.20	12.93	11.69	10.48	9.30	8.17	7.10
		35°C	Q	44,866	38,434	32,439	26,927	21,928	17,456	13,508	10,113	52,140	44,283	37,141	30,717	25,004	19,979	15,612	11,863
			P	23.48	21.02	18.69	16.48	14.39	12.42	10.57	8.79	16.08	14.69	13.32	11.99	10.7	9.46	8.27	7.15
		38°C	Q	42,384	36,329	30,668	25,452	20,712	16,467	12,715	9,475	50,004	42,484	35,634	29,465	23,970	19,133	14,926	11,314
			P	24.03	21.45	19.00	16.69	14.51	12.46	10.54	8.75	16.66	15.17	13.71	12.30	10.93	9.62	8.37	7.19
		43°C	Q	37,837	32,660	27,733	23,127	18,889	15,053	11,635	8,641	46,040	39,315	33,117	27,478	22,412	17,919	13,986	10,591
			P	25.05	22.20	19.53	17.02	14.69	12.51	10.51	8.69	17.74	16.02	14.36	12.78	11.27	9.84	8.50	7.25

Q = Capacity (Kcal/h)
P = Consumed power (kW)
Capacities are based on the following conditions:
- Capacity at 60Hz, if 50Hz multiply it by 0.83
- Suction temperature: 18.3ºC / Subcooling: 3.2ºC
- To obtain the capacity in BTU/h multiply by 3.9
- To obtain the capacity in BTU/h divide by 860
- To obtain the temperature in °F: (Value °C × 1.8)+32 = Value °F

Q = Capacidad (Kcal / h)
P = Energía consumida (kW)
Las capacidades se basan en las siguientes condiciones:
- Capacidad a 60Hz,para 50Hz multiplicar por 0.83
- Temperatura de aspiración: 18,3 ° C / Subenfriamiento: 3,2 ° C
- Para obtener la capacidad en BTU / h multiplicar por 3.9
- Para obtener la capacidad en kW dividir por 860
- Para obtener la temperatura en °F: (Value °C × 1.8)+32 = Value °F

Capacity data / Datos de capacidad

Model	HP	Amb. Temp. °C		Cold storage capacity / Capacidad Frigorífica [Kcal/h] Evaporation temperature / Temperatura de Evaporación [°C]												
				5°C	0°C	-5°C	-10°C	-15°C	-20°C	15°C	10°C	5°C	0°C	-5°C	-10°C	-15°C
				R-404A / R-507						R-134a						
				Copeland Scroll - Medium and low temperature Copeland Scroll- Media e baja temperatura												
USCMB4060	6	32°C	Q	20,723	17,789	15,125	12,749	10,580	8,651	19,210	16,503	14,031	11,831	9,848	8,091	6,622
			P	6.56	6.31	6.05	5.84	5.64	5.48	4.09	3.87	3.66	3.48	3.32	3.19	3.15
		35°C	Q	19,771	16,935	14,369	12,080	10,036	8,225	18,585	15,973	13,597	11,472	9,556	7,863	6,419
			P	7.02	6.77	6.52	6.3	6.07	5.88	4.36	4.14	3.94	3.77	3.62	3.49	3.41
		38°C	Q	18,818	16,081	13,613	11,412	9,491	7,799	17,960	15,444	13,163	11,112	9,265	7,636	6,217
			P	7.48	7.23	6.99	6.76	6.51	6.28	4.64	4.42	4.23	4.06	3.91	3.78	3.66
		43°C	Q	17,138	14,635	12,383	10,364	8,666	N/A	16,906	14,586	12,485	10,571	8,841	7,315	5,941
			P	8.28	8.01	7.75	7.49	7.17	N/A	5.10	4.87	4.68	4.50	4.34	4.19	4.01
USCMB4080	8	32°C	Q	22,650	19,557	16,717	14,153	11,812	9,738	21,675	18,687	15,906	13,362	11,080	9,051	7,286
			P	8.25	7.76	7.28	6.82	6.37	5.92	4.82	4.65	4.42	4.17	3.92	3.73	3.66
		35°C	Q	21,581	18,601	15,889	13,449	11,271	9,291	21,001	18,081	15,383	12,915	10,705	8,746	7,058
			P	8.68	8.18	7.69	7.22	6.73	6.26	5.12	4.96	4.73	4.48	4.24	4.04	3.93
		38°C	Q	20,512	17,645	15,061	12,746	10,730	8,845	20,326	17,474	14,859	12,468	10,330	8,441	6,831
			P	9.12	8.61	8.11	7.63	7.1	6.6	5.42	5.27	5.05	4.80	4.56	4.35	4.19
		43°C	Q	18,550	15,966	13,666	11,608	9,887	N/A	19,135	16,448	14,011	11,772	9,769	8,002	6,513
			P	9.91	9.36	8.82	8.28	7.67	N/A	5.94	5.80	5.56	5.29	5.04	4.80	4.57
USCMB4100	10	32°C	Q	32,641	27,958	23,716	19,995	16,606	13,654	29,057	24,933	21,146	17,731	14,681	12,027	9,651
			P	10.48	10	9.54	9.1	8.71	8.31	6.12	5.96	5.69	5.35	5.02	4.77	4.71
		35°C	Q	31,176	26,676	22,614	19,044	15,857	13,049	28,160	24,157	20,486	17,167	14,203	11,613	9,346
			P	11.12	10.64	10.17	9.72	9.27	8.84	6.50	6.36	6.09	5.76	5.43	5.18	5.07
		38°C	Q	29,721	25,400	21,517	18,096	15,110	12,446	27,267	23,383	19,829	16,605	13,725	11,199	9,040
			P	11.75	11.27	10.8	10.34	9.84	9.37	6.89	6.75	6.50	6.17	5.85	5.58	5.42
		43°C	Q	27,180	23,265	19,752	16,627	13,993	N/A	25,795	22,156	18,826	15,779	13,048	10,631	8,632
			P	12.85	12.34	11.82	11.31	10.69	N/A	7.53	7.38	7.12	6.78	6.44	6.15	5.90
USCMB4130	13	32°C	Q	40,924	35,178	30,292	25,796	21,661	17,706	37,598	31,914	26,933	22,485	18,582	15,206	12,071
			P	12.96	12.71	12.07	11.58	11.15	10.85	8.06	7.58	7.17	6.78	6.33	6.16	6.06
		35°C	Q	38,961	33,519	28,842	24,510	20,524	16,763	36,382	30,893	26,061	21,747	17,926	14,640	11,620
			P	13.79	13.5	12.91	12.45	12.02	11.66	8.54	8.09	7.68	7.31	7.44	6.70	6.52
		38°C	Q	36,997	31,861	27,396	23,229	19,393	15,825	35,167	29,875	25,193	21,012	17,273	14,080	11,174
			P	14.62	14.29	13.74	13.32	12.89	12.47	9.02	8.59	8.20	7.84	8.54	7.24	6.98
		43°C	Q	33,669	29,149	25,108	21,268	17,717	14,478	33,193	28,285	23,889	19,948	16,345	13,317	10,584
			P	16.04	15.58	15.05	14.65	14.18	13.62	9.80	9.37	8.97	8.61	10.11	7.96	7.59
USCMB4150	15	32°C	Q	47,537	41,349	34,634	29,141	24,432	19,758	44,159	37,701	31,853	26,617	21,952	17,775	14,039
			P	16.41	11.15	14.89	14.19	13.2	12.79	10.10	9.46	8.90	8.40	7.97	7.65	7.49
		35°C	Q	45,364	39,633	32,890	27,581	22,963	18,546	42,783	36,497	30,820	25,724	21,188	17,121	13,511
			P	17.35	10.26	15.89	15.19	14.32	13.81	10.67	10.04	9.50	9.02	8.62	8.29	8.05
		38°C	Q	43,184	37,920	31,146	26,023	21,501	17,341	41,405	35,294	29,789	24,836	20,428	16,472	12,988
			P	18.29	9.38	16.9	16.19	15.43	14.83	11.24	10.63	10.11	9.65	9.26	8.92	8.60
		43°C	Q	39,258	35,142	28,258	23,545	19,258	N/A	39,033	33,313	28,162	23,488	19,320	15,558	12,275
			P	19.98	7.95	18.57	17.78	17.13	N/A	12.22	11.59	11.06	10.59	10.20	9.82	9.35

Q = Capacity (Kcal/h)
P = Consumed power (kW)
Capacities are based on the following conditions:
- Capacity at 60Hz, if 50Hz multiply it by 0.83
- Suction temperature: 18.3ºC / Subcooling: 3.2ºC
- To obtain the capacity in BTU/h multiply by 3.9
- To obtain the capacity in BTU/h divide by 860
- To obtain the temperature in °F: (Value °C × 1.8)+32 = Value °F

Q = Capacidad (Kcal / h)
P = Energía consumida (kW)
Las capacidades se basan en las siguientes condiciones:
- Capacidad a 60Hz,para 50Hz multiplicar por 0.83
- Temperatura de aspiración: 18,3 ° C / Subenfriamiento: 3,2 ° C
- Para obtener la capacidad en BTU / h multiplicar por 3.9
- Para obtener la capacidad en kW dividir por 860
- Para obtener la temperatura en °F: (Value °C × 1.8)+32 = Value °F

Capacity data / Datos de capacidad

Model	HP	Ambient temperature Ambiente		Cold storage capacity / Capacidad Frigorífica [Kcal/h] Evaporation temperature / Temperatura de Evaporación [°C]							
				-5°C	-10°C	-15°C	-20°C	-25°C	-30°C	-35°C	-40°C
Copeland Scroll - Low temperature - R-404A/R-507											
Copeland Scroll- Baja temperatura - R-404A/R-507											
USCB04080	8	32°C	Q	16,055	14,259	12,147	10,200	8,523	7,029	5,723	4,582
			P	7.87	6.62	6.09	5.59	5.1	4.63	4.19	3.79
		35°C	Q	15,310	13,634	11,623	9,781	8,193	6,777	5,538	4,451
			P	8.16	6.92	6.38	5.86	5.34	4.84	4.36	3.92
		38°C	Q	14,566	13,009	11,099	9,363	7,863	6,525	5,352	4,321
			P	8.46	7.21	6.67	6.13	5.58	5.05	4.54	4.06
		43°C	Q	-	12,000	10,283	8,734	7,384	6,171	5,100	4,149
			P	-	7.68	7.13	6.53	5.93	5.35	4.78	4.23
USCB04100	10	32°C	Q	-	-	-	12,991	10,909	9,067	7,378	5,834
			P	-	-	-	7.79	7.22	6.66	6.18	5.69
		35°C	Q	-	-	-	12,404	10,468	8,657	7,047	5,560
			P	-	-	-	8.17	7.54	7.03	6.52	6
		38°C	Q	-	-	-	11,818	10,026	8,248	6,717	5,286
			P	-	-	-	8.55	7.85	7.39	6.85	6.32
		43°C	Q	-	-	-	10,868	9,337	7,631	6,236	4,902
			P	-	-	-	9.17	8.33	7.94	7.34	6.76
USCB04130	13	32°C	Q	-	-	-	16,967	14,102	11,577	9,408	7,543
			P	-	-	-	9.1	8.29	7.57	6.99	6.56
		35°C	Q	-	-	-	16,194	13,513	11,110	9,029	7,230
			P	-	-	-	9.6	8.75	8.01	7.4	6.94
		38°C	Q	-	-	-	15,423	12,925	10,642	8,650	6,916
			P	-	-	-	10.1	9.2	8.44	7.81	7.32
		43°C	Q	-	-	-	14,264	12,071	9,986	8,134	6,500
			P	-	-	-	10.85	9.86	9.04	8.36	7.83
USCB04150	15	32°C	Q	-	-	-	19,852	16,615	13,794	11,264	9,027
			P	-	-	-	11.24	10.39	9.57	8.91	8.37
		35°C	Q	-	-	-	18,931	15,858	13,164	10,745	8,600
			P	-	-	-	11.8	10.93	10.11	9.46	8.92
		38°C	Q	-	-	-	18,013	15,103	12,535	10,226	8,173
			P	-	-	-	12.36	11.47	10.66	10	9.46
		43°C	Q	-	-	-	16,566	13,956	11,612	9,489	7,584
			P	-	-	-	13.23	12.29	11.47	10.78	10.21

Q = Capacity (Kcal/h)
P = Consumed power (kW)
Capacities are based on the following conditions:
- Capacity at 60Hz, if 50Hz multiply it by 0.83
- Suction temperature: 18.3ºC / Subcooling: 3.2ºC
- To obtain the capacity in BTU/h multiply by 3.9
- To obtain the capacity in BTU/h divide by 860
- To obtain the temperature in °F: (Value °C × 1.8)+32 = Value °F

Q = Capacidad (Kcal / h)
P = Energía consumida (kW)
Las capacidades se basan en las siguientes condiciones:
- Capacidad a 60Hz,para 50Hz multiplicar por 0.83
- Temperatura de aspiración: 18,3 ° C / Subenfriamiento: 3,2 ° C
- Para obtener la capacidad en BTU / h multiplicar por 3.9
- Para obtener la capacidad en kW dividir por 860
- Para obtener la temperatura en °F: (Value °C × 1.8)+32 = Value °F

Capacity data / Datos de capacidad

Model	HP	Amb. Temp. °C		Cold storage capacity / Capacidad Frigorífica [Kcal/h] Evaporation temperature / Temperatura de Evaporación [°C]														
				10°C	5°C	0°C	-5°C	-10°C	-15°C	-20°C	-25°C	-30°C	10°C	5°C	0°C	-5°C	-10°C	-15°C	-20°C
				R-404A									R-134a						
				Elgin Scroll - Medium and low temperature / Elgin Scroll- Media y baja temperatura															
USCMB4060	6	32°C	Q	22,661	19,680	16,926	14,336	11,874	9,511	7,596	6,097	5,961	14,395	12,275	10,114	8,412	6,678	5,466	4,247
			P	6.25	5.61	5.16	4.88	4.71	4.59	4.51	4.31	5.81	3.78	3.56	3.35	3.14	2.93	2.75	2.56
		35°C	Q	21,785	18,741	15,987	13,465	11,138	8,988	7,173	5,775	5,314	13,979	11,909	9,797	8,141	6,452	5,283	4,101
			P	6.69	6.09	5.67	5.39	5.21	5.06	4.91	4.65	5.2	3.95	3.72	3.5	3.28	3.06	2.87	2.68
		38°C	Q	20,909	17,801	15,050	12,594	10,403	8,465	6,751	5,454	4,670	13,562	11,542	9,481	7,870	6,228	5,099	3,955
			P	7.13	6.57	6.17	5.9	5.71	5.54	5.32	4.99	4.6	4.13	3.88	3.65	3.42	3.19	2.99	2.79
		43°C	Q	19,319	16,185	13,513	11,226	9,289	7,699	6,154	5,012	3,837	12,911	10,990	9,023	7,491	5,925	4,858	3,768
			P	7.93	7.4	7	6.7	6.47	6.23	5.89	5.45	3.82	4.4	4.13	3.87	3.61	3.36	3.15	2.94
USCMB4080	8	32°C	Q	27,349	23,647	20,315	17,248	14,377	11,651	9,351	7,549	7,161	17,919	15,318	12,651	10,547	8,394	6,887	5,363
			P	8.57	7.72	7.11	6.69	6.39	6.15	5.94	5.62	6.92	5.01	4.7	4.4	4.1	3.81	3.57	3.32
		35°C	Q	26,250	22,471	19,142	16,156	13,450	10,987	8,814	7,140	6,380	17,390	14,852	12,248	10,202	8,106	6,652	5,175
			P	9.11	8.32	7.74	7.32	7.01	6.74	6.45	6.05	6.2	5.24	4.91	4.59	4.28	3.98	3.72	3.46
		38°C	Q	25,149	21,294	17,969	15,065	12,524	10,323	8,277	6,730	5,603	16,860	14,386	11,846	9,857	7,819	6,417	4,988
			P	9.66	8.92	8.36	7.96	7.64	7.34	6.96	6.47	5.48	5.46	5.11	4.78	4.46	4.14	3.87	3.61
		43°C	Q	-	19,115	15,908	13,233	11,031	9,289	7,474	6,139	4,570	15,970	13,635	11,228	9,348	7,413	6,095	4,739
			P	-	10.02	9.46	9.02	8.64	8.26	7.72	7.09	4.52	5.83	5.45	5.08	4.72	4.38	4.09	3.8
USCMB4100	10	32°C	Q	38,023	33,012	28,402	24,081	19,976	16,034	12,820	10,302	10,046	25,251	21,556	17,779	14,802	11,763	9,638	7,496
			P	10.63	9.54	8.77	8.28	7.97	7.75	7.58	7.24	9.69	6.76	6.36	5.97	5.58	5.2	4.87	4.54
		35°C	Q	36,544	31,424	26,814	22,603	18,725	15,143	12,100	9,752	8,952	24,513	20,904	17,216	14,319	11,361	9,310	7,234
			P	11.37	10.34	9.62	9.14	8.81	8.54	8.27	7.81	8.67	7.07	6.65	6.24	5.83	5.43	5.09	4.74
		38°C	Q	35,077	29,846	25,235	21,132	17,479	14,254	11,380	9,203	7,862	23,777	20,255	16,654	13,837	10,960	8,981	6,972
			P	12.1	11.14	10.46	9.99	9.65	9.34	8.95	8.38	7.66	7.38	6.94	6.51	6.08	5.66	5.31	4.95
		43°C	Q	32,376	27,100	22,620	18,800	15,577	12,941	10,355	8,444	6,445	22,600	19,257	15,827	13,152	10,411	8,545	6,633
			P	13.44	12.53	11.85	11.34	10.93	10.51	9.92	9.17	6.35	7.87	7.38	6.9	6.43	5.98	5.59	5.21
USCMB4120	12	32°C	Q	45,692	39,748	34,193	28,927	23,890	19,041	15,176	12,152	12,043	28,166	23,989	19,740	16,398	13,003	10,633	8,253
			P	11.74	10.5	9.67	9.17	8.9	8.74	8.64	8.31	11.6	7.1	6.71	6.34	5.94	5.56	5.22	4.88
		35°C	Q	43,965	37,891	32,336	27,203	22,436	18,011	14,344	11,518	10,733	27,361	23,280	19,128	15,874	12,567	10,277	7,969
			P	12.6	11.44	10.66	10.17	9.88	9.66	9.43	8.97	10.39	7.44	7.02	6.62	6.21	5.81	5.45	5.1
		38°C	Q	42,234	36,034	30,484	25,486	20,990	16,988	13,518	10,889	9,441	26,560	22,575	18,520	15,354	12,136	9,924	7,689
			P	13.46	12.38	11.65	11.17	10.85	10.57	10.21	9.62	9.19	7.77	7.33	6.91	6.48	6.05	5.68	5.31
		43°C	Q	39,203	32,943	27,538	22,861	18,857	15,524	12,375	10,043	7,789	25,346	21,545	17,664	14,645	11,566	9,471	7,337
			P	14.97	13.95	13.22	12.69	12.28	11.87	11.29	10.5	7.66	8.27	7.78	7.31	6.84	6.38	5.98	5.59
USCMB4150	15	32°C	Q	56,861	49,232	42,300	35,874	29,825	24,194	19,276	15,529	14,856	35,723	30,509	25,176	20,975	16,684	13,690	10,666
			P	17.48	15.74	14.51	13.67	13.11	12.69	12.32	11.69	14.78	9.68	9.1	8.54	7.98	7.44	6.97	6.49
		35°C	Q	54,617	46,825	39,896	33,635	27,927	22,714	18,180	14,693	13,233	34,678	29,589	24,383	20,298	16,124	13,235	10,307
			P	18.63	17	15.82	15.01	14.42	13.93	13.39	12.59	13.23	10.11	9.5	8.92	8.33	7.76	7.27	6.78
		38°C	Q	52,357	44,409	37,488	31,398	26,034	21,240	17,089	13,861	11,630	33,634	28,673	23,594	19,625	15,568	12,784	9,952
			P	19.79	18.26	17.15	16.34	15.73	15.15	14.45	13.48	11.7	10.54	9.91	9.29	8.68	8.08	7.57	7.07
		43°C	Q	-	40,022	33,334	27,708	23,032	18,987	15,480	12,676	9,513	31,937	27,241	22,415	18,656	14,798	12,177	9,489
			P	-	20.56	19.42	18.55	17.81	17.03	16.02	14.75	9.68	11.25	10.54	9.85	9.18	8.53	7.98	7.44

Q = Capacity (Kcal/h)
P = Consumed power (kW)
Capacities are based on the following conditions:
- Capacity at 60Hz, if 50Hz multiply it by 0.83
- Suction temperature: 18.3ºC / Subcooling: 3.2ºC
- To obtain the capacity in BTU/h multiply by 3.9
- To obtain the capacity in BTU/h divide by 860
- To obtain the temperature in °F: (Value °C × 1.8)+32 = Value °F

Q = Capacidad (Kcal / h)
P = Energía consumida (kW)
Las capacidades se basan en las siguientes condiciones:
- Capacidad a 60Hz,para 50Hz multiplicar por 0.83
- Temperatura de aspiración: 18,3 ° C / Subenfriamiento: 3,2 ° C
- Para obtener la capacidad en BTU / h multiplicar por 3.9
- Para obtener la capacidad en kW dividir por 860
- Para obtener la temperatura en °F: (Value °C × 1.8)+32 = Value °F

Capacity data / Datos de capacidad

Model	HP	Amb. Temp. °C		Cold storage capacity / Capacidad Frigorífica [Kcal/h] Evaporation temperature / Temperatura de Evaporación [°C]								
				5°C	0°C	-5°C	-10°C	-15°C	-20°C	-25°C	-30°C	-35°C
				R448/R-449A								
				Dorin Alternative - Medium and low temperature Dorin Recíproco - Media y Baja Temperatura								
USHMB4060	6	32°C	Q	21540	18234	15248	12577	10200	8112	6342	4822	4755
			P	7.50	6.89	6.28	5.68	5.07	4.47	3.84	3.24	4.74
		35°C	Q	20634	17444	14567	12000	9716	7714	6002	4542	4078
			P	7.79	7.11	6.45	5.78	5.12	4.48	3.83	3.20	3.90
		38°C	Q	19728	16656	13888	11421	9232	7316	5664	4263	3425
			P	8.09	7.33	6.60	5.88	5.18	4.49	3.81	3.16	3.14
		43°C	Q	18096	15309	12785	10530	8522	6758	5210	3904	2652
			P	8.60	7.70	6.86	6.04	5.25	4.50	3.79	3.11	2.31
USHMB4070	7	32°C	Q	24192	20628	17372	14429	11781	9431	7413	5668	5583
			P	9.00	8.23	7.45	6.71	5.98	5.28	4.54	3.85	5.54
		35°C	Q	23122	19696	16570	13748	1121	8965	7019	5346	4789
			P	9.33	8.47	7.64	6.84	6.05	5.30	4.53	3.81	4.56
		38°C	Q	22052	18764	15768	13068	1064	8501	6626	5024	4023
			P	9.64	8.72	7.83	6.97	6.13	5.32	4.53	3.77	3.68
		43°C	Q	20008	17081	14394	11964	9771	7821	6080	4597	3105
			P	10.2	9.16	8.14	7.17	6.25	5.36	4.53	3.73	2.70
USHMB4090	9	32°C	Q	30500	25793	21554	17768	14402	11450	8955	6810	6894
			P	9.78	9.07	8.35	7.60	6.84	6.08	5.26	4.46	6.67
		35°C	Q	29197	24661	20581	16947	13721	10898	8493	6437	5919
			P	10.1	9.35	8.56	7.75	6.94	6.10	5.26	4.42	5.48
		38°C	Q	27904	23535	19614	16129	13042	10347	8032	6064	4977
			P	10.4	9.64	8.77	7.89	7.02	6.14	5.26	4.37	4.41
		43°C	Q	25732	21732	18133	14932	12090	9605	7433	5597	3871
			P	11.1	10.0	9.10	8.12	7.14	6.19	5.25	4.32	3.25
USHMB4120	12	32°C	Q	34964	29456	24563	20216	16371	13013	10201	7763	7921
			P	10.3	9.63	8.91	8.17	7.42	6.65	5.85	5.03	7.90
		35°C	Q	33492	28257	23549	19369	15675	12450	9719	7363	6803
			P	10.7	9.96	9.17	8.37	7.56	6.74	5.89	5.02	6.52
		38°C	Q	32024	27065	22540	18530	14986	11894	9243	6969	5731
			P	11.1	10.2	9.43	8.56	7.70	6.82	5.92	5.01	5.27
		43°C	Q	29733	25280	21088	17365	14063	11173	8645	6485	4481
			P	11.8	10.7	9.80	8.85	7.88	6.92	5.96	5.00	3.91
USHMB4150	15	32°C	Q	44911	38601	32804	27518	22717	18408	14642	11353	11295
			P	15.2	14.2	13.0	11.9	10.6	9.42	8.13	6.84	10.1
		35°C	Q	43024	36958	31382	26301	21682	17535	13882	10693	9671
			P	15.7	14.6	13.3	12.1	10.7	9.45	8.11	6.79	8.33
		38°C	Q	41133	35314	29965	25089	20653	16668	13130	10038	8114
			P	16.3	15.0	13.6	12.2	10.8	9.49	8.10	6.75	6.73
		43°C	Q	37819	32562	27693	23232	19145	15453	12117	9191	6270
			P	17.2	15.7	14.1	12.5	11.0	9.54	8.08	6.69	4.98
USHMB4200	20	32°C	Q	51805	44263	37411	31242	25702	20798	16573	12921	13026
			P	18.9	17.1	15.3	13.7	12.2	10.7	9.35	7.98	11.6
		35°C	Q	49731	42439	35825	29877	24546	19827	15733	12201	11167
			P	19.6	17.6	15.8	14.0	12.4	10.8	9.36	7.92	9.59
		38°C	Q	47645	40610	34240	28515	23396	18862	14899	11488	9383
			P	20.3	18.2	16.2	14.3	12.5	10.9	9.37	7.86	7.75
		43°C	Q	43699	37335	31553	26326	21638	17459	13742	10541	7243
				21.6	19.1	16.9	14.8	12.8	11.0	9.38	7.79	5.69

Q = Capacity (Kcal/h)
P = Consumed power (kW)
Capacities are based on the following conditions:
- Capacity at 60Hz, if 50Hz multiply it by 0.83
- Suction temperature: 18.3ºC / Subcooling: 3.2ºC
- To obtain the capacity in BTU/h multiply by 3.9
- To obtain the capacity in BTU/h divide by 860
- To obtain the temperature in °F: (Value °C × 1.8)+32 = Value °F

Q = Capacidad (Kcal / h)
P = Energía consumida (kW)
Las capacidades se basan en las siguientes condiciones:
- Capacidad a 60Hz,para 50Hz multiplicar por 0.83
- Temperatura de aspiración: 18,3 ° C / Subenfriamiento: 3,2 ° C
- Para obtener la capacidad en BTU / h multiplicar por 3.9
- Para obtener la capacidad en kW dividir por 860
- Para obtener la temperatura en °F: (Value °C × 1.8)+32 = Value °F

Capacity data / Datos de capacidad

Model	HP	Amb. Temp. °C		Cold storage capacity / Capacidad Frigorífica [Kcal/h] Evaporation temperature / Temperatura de Evaporación [°C]								
				5°C	0°C	-5°C	-10°C	-15°C	-20°C	-25°C	-30°C	-35°C
				R448/R-449A								
				Bitzer Alternative - Medium and low temperature Bitzer Recíproco - Media y Baja Temperatura								
USHMB4060	6	32°C	Q	20,900	17,712	14,832	12,256	9,978	7,985	6,275	4,834	4,277
			P	6.78	6.35	5.90	5.42	4.92	4.41	3.88	3.33	3.74
		35°C	Q	19,934	16,897	14,147	11,685	9,506	7,599	5,957	4,570	3,811
			P	7.01	6.53	6.04	5.52	4.98	4.44	3.87	3.29	3.32
		38°C	Q	18,969	16,081	13,464	11,116	9,035	7,213	5,641	4,307	3,347
			P	7.23	6.71	6.17	5.62	5.05	4.46	3.86	3.25	2.90
		43°C	Q	17,278	14,718	12,371	10,247	8,348	6,673	5,215	3,968	2,777
			P	7.62	7.02	6.41	5.77	5.14	4.49	3.85	3.20	2.41
USHMB4070	7	32°C	Q	23,508	20,016	16,841	13,986	11,446	9,212	7,282	5,646	5,030
			P	8.04	7.5	6.93	6.35	5.77	5.16	4.53	3.9	4.38
		35°C	Q	22,455	19,120	16,084	13,351	10,918	8,778	6,925	5,350	4,494
			P	8.31	7.72	7.11	6.49	5.86	5.21	4.55	3.87	3.92
		38°C	Q	21,401	18,224	15,328	12,717	10,392	8,345	6,568	5,053	3,960
			P	8.57	7.94	7.29	6.62	5.94	5.25	4.55	3.85	3.46
		43°C	Q	19,443	16,638	14,054	11,701	9,587	7,713	6,072	4,659	3,293
			P	9.06	8.33	7.59	6.83	6.07	5.32	4.57	3.81	2.89
USHMB4090	9	32°C	Q	31,500	26,549	22,129	18,217	14,785	11,802	9,253	7,109	6,266
			P	9.9	9.24	8.55	7.83	7.09	6.32	5.54	4.71	5.25
		35°C	Q	30,206	25,447	21,195	17,431	14,129	11,259	8,804	6,736	5,596
			P	10.28	9.54	8.78	8.01	7.2	6.38	5.54	4.68	4.69
		38°C	Q	28,924	24,352	20,266	16,648	13,474	10,719	8,357	6,364	4,928
			P	10.65	9.84	9.03	8.18	7.31	6.44	5.55	4.66	4.14
		43°C	Q	26,744	22,579	18,830	15,492	12,548	9,984	7,771	5,892	4,110
			P	11.28	10.34	9.39	8.43	7.47	6.52	5.56	4.61	3.46
USHMB4120	12	32°C	Q	40,808	34,223	28,368	23,206	18,697	14,800	11,486	8,717	7,566
			P	12.07	11.2	10.31	9.38	8.42	7.43	6.43	5.41	5.96
		35°C	Q	39,085	32,761	27,133	22,172	17,838	14,092	10,904	8,237	6,733
			P	12.5	11.56	10.59	9.58	8.55	7.51	6.45	5.39	5.34
		38°C	Q	37,364	31,301	25,905	21,143	16,985	13,392	10,329	7,762	5,909
			P	12.95	11.93	10.87	9.78	8.69	7.58	6.46	5.36	4.72
		43°C	Q	34,512	28,997	24,049	19,658	15,802	12,458	9,590	7,170	4,912
			P	13.7	12.5	11.29	10.08	8.86	7.67	6.49	5.32	3.96
USHMB4150	15	32°C	Q	45,478	38,188	31,659	25,869	20,789	16,381	12,625	9,481	8,098
			P	14.04	12.95	11.84	10.7	9.54	8.37	7.19	6.01	6.53
		35°C	Q	43,469	36,476	30,211	24,653	19,776	15,547	11,939	8,915	7,163
			P	14.51	13.31	12.11	10.88	9.64	8.4	7.16	5.91	5.77
		38°C	Q	41,455	34,765	28,766	23,442	18,770	14,719	11,260	8,356	6,245
			P	14.97	13.68	12.38	11.06	9.74	8.42	7.11	5.83	5.04
		43°C	Q	37,962	31,943	26,499	21,632	17,335	13,591	10,372	7,653	5,137
			P	15.78	14.28	12.8	11.33	9.88	8.45	7.06	5.71	4.16
USHMB4200	20	32°C	Q	51,658	43,734	36,563	30,144	24,462	19,493	15,225	11,630	10,161
			P	17.1	15.72	14.34	12.95	11.56	10.17	8.78	7.39	8.13
		35°C	Q	49,377	41,790	34,917	28,763	23,313	18,547	14,448	10,986	9,045
			P	17.68	16.2	14.72	13.23	11.75	10.27	8.81	7.36	7.3
		38°C	Q	47,084	39,841	33,273	27,385	22,169	17,607	13,676	10,349	7,940
			P	18.27	16.68	15.08	13.5	11.92	10.36	8.84	7.33	6.47
		43°C	Q	42,838	36,419	30,533	25,207	20,450	16,262	12,623	9,517	6,578
				19.34	17.50	15.70	13.93	12.19	10.5	8.87	7.3	5.44

Q = Capacity (Kcal/h)
P = Consumed power (kW)
Capacities are based on the following conditions:
- Capacity at 60Hz, if 50Hz multiply it by 0.83
- Suction temperature: 18.3ºC / Subcooling: 3.2ºC
- To obtain the capacity in BTU/h multiply by 3.9
- To obtain the capacity in BTU/h divide by 860
- To obtain the temperature in °F: (Value °C × 1.8)+32 = Value °F

Q = Capacidad (Kcal / h)
P = Energía consumida (kW)
Las capacidades se basan en las siguientes condiciones:
- Capacidad a 60Hz,para 50Hz multiplicar por 0.83
- Temperatura de aspiración: 18,3 ° C / Subenfriamiento: 3,2 ° C
- Para obtener la capacidad en BTU / h multiplicar por 3.9
- Para obtener la capacidad en kW dividir por 860
- Para obtener la temperatura en °F: (Value °C × 1.8)+32 = Value °F

Capacity data / Datos de capacidad

Model	HP	Amb. Temp. °C		Cold storage capacity / Capacidad Frigorífica [Kcal/h] Evaporation temperature / Temperatura de Evaporación [°C]					
				5°C	0°C	-5°C	-10°C	-15°C	-20°C
				R448/R-449A					
				Bitzer Alternative - Medium and low temperature Bitzer Recíproco - Media y Baja Temperatura					
USCMB4060	6	32°C	Q	20261	17246	14573	12369	10095	8256
			P	6.49	6.25	5.89	5.38	5.27	4.92
		35°C	Q	19497	16599	14032	11882	9734	7983
			P	6.91	6.66	6.30	5.81	5.62	5.22
		38°C	Q	18732	15952	13490	11397	9371	7709
			P	7.32	7.08	6.71	6.25	5.98	5.52
		43°C	Q	17381	14854	12609	10636	8827	N/A
			P	8.05	7.78	7.37	6.94	6.51	N/A
USCMB4080	8	32°C	Q	22145	18960	16107	13731	11270	9294
			P	8.16	7.69	7.09	6.28	5.95	5.32
		35°C	Q	21282	18232	15516	13229	10931	9018
			P	8.54	8.05	7.43	6.66	6.23	5.56
		38°C	Q	20418	17503	14925	12729	10595	8743
			P	8.93	8.43	7.78	7.05	6.52	5.80
		43°C	Q	18813	16205	13916	11913	10070	N/A
			P	9.64	9.10	8.38	7.67	6.97	N/A
USCMB4100	10	32°C	Q	31914	27104	22851	19399	15845	13031
			P	10.3	9.91	9.29	8.38	8.14	7.47
		35°C	Q	30744	26147	22084	18733	15380	12665
			P	10.9	10.4	9.83	8.97	8.59	7.85
		38°C	Q	29585	25196	21323	18072	14920	12303
			P	11.5	11.0	10.3	9.56	9.04	8.23
		43°C	Q	27565	23613	20113	17064	14253	N/A
			P	12.5	11.9	11.2	10.4	9.71	N/A
USCMB4130	30	32°C	Q	40012	34104	29188	25027	20668	16899
			P	12.8	12.5	11.7	10.6	10.4	9.75
		35°C	Q	38422	32854	28166	24110	19906	16270
			P	13.5	13.2	12.4	11.4	11.1	10.3
		38°C	Q	36828	31605	27149	23198	19149	15644
			P	14.3	13.9	13.1	12.3	11.8	10.9
		43°C	Q	34146	29586	25567	21828	18046	14622
			P	15.6	15.1	14.3	13.5	12.8	11.8
USCMB4150	15	32°C	Q	46478	40087	33372	28273	23312	18857
			P	16.2	11.0	14.5	13.0	12.3	11.4
		35°C	Q	44736	38847	32119	27130	22272	18001
			P	17.0	10.1	15.3	14.0	13.2	12.2
		38°C	Q	42987	37616	30865	25989	21230	17142
			P	17.9	9.18	16.2	14.9	14.1	13.0
		43°C	Q	39814	35669	28775	24165	19615	N/A
				19.4	7.72	17.6	16.4	15.5	N/A
USHMB4200	20	32°C	Q	51,658	43,734	36,563	30,144	24,462	19,493
			P	17.1	15.72	14.34	12.95	11.56	10.17
		35°C	Q	49,377	41,790	34,917	28,763	23,313	18,547
			P	17.68	16.2	14.72	13.23	11.75	10.27
		38°C	Q	47,084	39,841	33,273	27,385	22,169	17,607
			P	18.27	16.68	15.08	13.5	11.92	10.36
		43°C	Q	42,838	36,419	30,533	25,207	20,450	16,262
			P	19.34	17.50	15.70	13.93	12.19	10.5

Q = Capacity (Kcal/h)
P = Consumed power (kW)
Capacities are based on the following conditions:
- Capacity at 60Hz, if 50Hz multiply it by 0.83
- Suction temperature: 18.3ºC / Subcooling: 3.2ºC
- To obtain the capacity in BTU/h multiply by 3.9
- To obtain the capacity in BTU/h divide by 860
- To obtain the temperature in °F: (Value °C × 1.8)+32 = Value °F

Q = Capacidad (Kcal / h)
P = Energía consumida (kW)
Las capacidades se basan en las siguientes condiciones:
- Capacidad a 60Hz,para 50Hz multiplicar por 0.83
- Temperatura de aspiración: 18,3 ° C / Subenfriamiento: 3,2 ° C
- Para obtener la capacidad en BTU / h multiplicar por 3.9
- Para obtener la capacidad en kW dividir por 860
- Para obtener la temperatura en °F: (Value °C × 1.8)+32 = Value °F

Capacity data / Datos de capacidad

Model	HP	Amb. Temp. °C		Cold storage capacity / Capacidad Frigorífica [Kcal/h] Evaporation temperature / Temperatura de Evaporación [°C]						
				-5°C	-10°C	-15°C	-20°C	-25°C	-30°C	-35°C
				R-448/R449A						
				Copeland Scroll - Low temperature Copeland Scroll - Baja Temperatura						
USCB04080	8	32°C	Q	16262	13687	11406	9413	7683	6205	5537
			P	7.02	6.52	6.02	5.57	5.12	4.69	4.48
		35°C	Q	15652	13176	10994	9097	7434	6012	5339
			P	7.42	6.91	6.38	5.89	5.42	4.96	4.69
		38°C	Q	15043	12664	10583	8782	7186	5818	5141
			P	7.83	7.29	6.75	6.21	5.71	5.24	4.90
		43°C	Q	-	11837	9943	7860	6827	5548	4870
			P	-	7.91	7.32	6.68	6.14	5.63	5.20
USCB04100	10	32°C	Q	-	-	-	12179	10204	8371	7639
			P	-	-	-	6.90	6.34	5.84	5.47
		35°C	Q	-	-	-	11729	9833	8034	7482
			P	-	-	-	7.22	6.66	6.19	6.00
		38°C	Q	-	-	-	11280	9461	7697	7356
			P	-	-	-	7.54	6.97	6.54	6.62
		43°C	Q	-	-	-	10567	8894	7196	7188
			P	-	-	-	8.05	7.43	7.05	7.70
USCB04130	13	32°C	Q	-	-	-	15870	13030	10519	9547
			P	-	-	-	8.18	7.36	6.60	6.06
		35°C	Q	-	-	-	15331	12592	10181	9400
			P	-	-	-	8.59	7.77	7.03	6.65
		38°C	Q	-	-	-	14792	12154	9842	9293
			P	-	-	-	9.01	8.17	7.44	7.34
		43°C	Q	-	-	-	13994	11530	9376	9208
			P	-	-	-	9.62	8.76	8.01	8.49
USCB04150	15	32°C	Q	-	-	-	18768	15368	12418	11288
			P	-	-	-	10.05	8.98	8.03	7.48
		35°C	Q	-	-	-	18103	14826	11982	10808
			P	-	-	-	10.57	9.50	8.57	7.90
		38°C	Q	-	-	-	17439	14285	11546	10332
			P	-	-	-	11.10	10.0	9.12	8.35
		43°C	Q	-	-	-	16408	13478	10921	9673
				-	-	-	11.90	10.7	9.91	9.01

Q = Capacity (Kcal/h)
P = Consumed power (kW)
Capacities are based on the following conditions:
- Capacity at 60Hz, if 50Hz multiply it by 0.83
- Suction temperature: 18.3ºC / Subcooling: 3.2ºC
- To obtain the capacity in BTU/h multiply by 3.9
- To obtain the capacity in BTU/h divide by 860
- To obtain the temperature in °F: (Value °C × 1.8)+32 = Value °F

Q = Capacidad (Kcal / h)
P = Energía consumida (kW)
Las capacidades se basan en las siguientes condiciones:
- Capacidad a 60Hz,para 50Hz multiplicar por 0.83
- Temperatura de aspiración: 18,3 ° C / Subenfriamiento: 3,2 ° C
- Para obtener la capacidad en BTU / h multiplicar por 3.9
- Para obtener la capacidad en kW dividir por 860
- Para obtener la temperatura en °F: (Value °C × 1.8)+32 = Value °F

Electrical data / Datos eléctricos

Model	Compressor / Compresor							Fans			
	Model	Electrical feature Característica eléctrica			RLA	MCC	LRA	Electrical feature Característica eléctrica			
		V	F	Hz	A	A	A	V	F	Hz	A
Copeland Scroll - Medium and low temperature											
Copeland Recíproco - Media y baja temperatura											
USCMB4060J*0	ZB48KQE-TF7-559	380	3	60	15.0	21.0	100.0	220	1	60	4.4
USCMB4060T*0	ZB48KQE-TF5-559	220	3	60/50	26.0	36.4	164.0	220	1	60/50	4.4
USCMB4060D*0	ZB48KQE-TFD-559	440	3	60	14.0	19.6	100.0	380/440	3	60	3.2
USCMB4060F*0	ZB48KQE-TFD-559	380	3	50	14.0	19.6	100.0	220	1	50	4.4
USCMB4080J*0	ZB57KCE-TF7-551	380	3	60	18.0	25.2	120.0	220	1	60	4.4
USCMB4080T*0	ZB57KCE-TF5-591	220	3	60/50	36.0	50.4	224.0	220	1	60/50	4.4
USCMB4080D*0	ZB57KCE-TFD-551	440	3	60	16.0	22.4	102.0	380/440	3	60	3.2
USCMB4080F*0	ZB57KCE-TFD-551	380	3	50	16.0	22.4	102.0	220	1	50	4.4
USCMB4100J*0	ZB76KQE-TF7-551	380	3	60	23.0	32.2	145.0	220	1	60	4.4
USCMB4100T*0	ZB76KQE-TF5-551	220	3	60/50	42.0	58.8	239.0	220	1	60/50	4.4
USCMB4100D*0	ZB76KQE-TFD-551	440	3	60	20.0	28.0	125.0	380/440	3	60	5.6
USCMB4100F*0	ZB76KQE-TFD-551	380	3	50	20.0	28.0	125.0	220	1	50	4.4
USCMB4130J*0	ZB95KCE-TE7-551	380	3	60	35.0	49.0	139.0	220	1	60	4.4
USCMB4130T*0	ZB95KCE-TE5-551	220	3	60/50	62.0	86.8	300.0	220	1	60/50	4.4
USCMB4130D*0	ZB95KCE-TED-551	440	3	60	27.0	37.8	133.0	380/440	3	60	3.2
USCMB4130F*0	ZB95KCE-TED-551	380	3	50	27.0	37.8	133.0	220	1	50	4.4
USCMB4150J*0	ZB114KCE-TE7-551	380	3	60	43.0	60.2	196.0	220/380	3	60	3.8
USCMB4150T*0	ZB114KCE-TE5-551	220	3	60/50	63.0	88.2	340.0	220/380	3	60/50	5.6
USCMB4150D*0	ZB114KCE-TED-551	440	3	60	33.0	46.2	156.0	220/380	3	60	3.8
USCMB4150F*0	ZB114KCE-TED-551	380	3	50	33.0	46.2	156.0	220/380	3	50	3.8
Copeland Scroll - Low temperature											
Copeland Scroll - Baja temperatura											
USCB04080J*0	ZF25KQE-TF7-551	380	3	60	15.0	21.0	120.0	220	1	60	4.4
USCB04080T*0	ZF25KQE-TFC-551	220	3	60/50	30.0	42.0	224.0	220	1	60/50	4.4
USCB04080D*0	ZF25KQE-TFD-551	440	3	60	13.0	18.2	99.0	380/440	3	60	3.2
USCB04080F*0	ZF25KQE-TFD-551	380	3	50	13.0	18.2	99.0	220	1	50	4.4
USCB04100J*0	ZF34KQE-TF7-564	380	3	60	26.0	36.4	145.0	220	1	60	4.4
USCB04100T*0	ZF34KQE-TFC-564	220	3	60/50	38.0	53.2	239.0	220	1	60/50	4.4
USCB04100D*0	ZF34KQE-TFD-564	440	3	60	18.0	25.2	100.0	380/440	3	60	3.2
USCB04100F*0	ZF34KQE-TFD-564	380	3	50	18.0	25.2	100.0	220	1	50	4.4
USCB04130J*0	ZF41KQE-TF7-564	380	3	60	22.0	30.8	145.0	220	1	60	4.4
USCB04130T*0	ZF41KQE-TFC-564	220	3	60/50	50.0	70.0	248.0	220	1	60/50	4.4
USCB04130D*0	ZF41KQE-TFD-564	440	3	60	20.0	28.0	125.0	380/440	3	60	3.2
USCB04130F*0	ZF41KQE-TFD-564	380	3	50	20.0	28.0	125.0	220	1	50	4.4
USCB04150J*0	ZF49K5E-TF7-560	380	3	60	29.0	40.6	220.0	220	1	60	4.4
USCB04150T*0	ZF49K5E-TFC-560	220	3	60/50	51.0	71.4	339.0	220	1	60/50	4.4
USCB04150D*0	ZF49K5E-TFD-565	440	3	60	21.0	29.4	139.0	380/440	3	60	3.2
USCB04150F*0	ZF49K5E-TFD-565	380	3	50	21.0	29.4	139.0	220	1	50	4.4
Elgin Scroll - Medium and low temperature											
Elgin Scroll - Media y baja temperatura											
USCMB4060J*C	SMB600J	380	3	60	13.0	18.2	94.0	220	1	60	4.4
USCMB4060T*C	SMB600T	220	3	60	29.0	40.6	167.0	220	1	60	4.4
USCMB4080J*C	SMB800J	380	3	60	16.0	22.4	135.0	220	1	60	4.4
USCMB4080T*C	SMB800T	220	3	60	28.0	39.2	241.0	220	1	60	4.4
USCMB4100J*C	SMB1000J	380	3	60	21.0	29.4	163.0	220	1	60	4.4
USCMB4100T*C	SMB1000T	220	3	60	36.0	50.4	290.0	220	1	60	4.4
USCMB4120J*C	SMB1200J	380	3	60	23.0	32.2	163.0	220	1	60	4.4
USCMB4120T*C	SMB1200T	220	3	60	40.0	56.0	290.0	220	1	60	4.4
USCMB4150J*C	SMB1500J	380	3	60	29.0	40.6	180.0	220/380	3	60	5.6

For items whose frequency is 60/50Hz, data refers to 60Hz RLA = Compressor rated current
LRA = Compressor blocker rotor current
MCC = Compressor maximum operational current
Elgin recommends using the condensation controller under ambient temperature lower than 12°C

Para elementos cuya frecuencia es 60/50Hz, los datos son relativos a 60Hz
RLA = Corriente nominal del compresor
LRA = Corriente del rotor bloqueada del compresor
MCC = Corriente máxima de funcionamiento del compresor
Elgin recomienda usar el controlador de condensación en condiciones ambientales por debajo de 12°C

Electrical data / Datos eléctricos

Model	Compressor / Compresor							Fans			
	Model	Electrical feature Característica eléctrica			RLA	MCC	LRA	Electrical feature Característica eléctrica			
		V	F	Hz	A	A	A	V	F	Hz	A
Bitzer Alternative - Medium and low temperature											
Bitzer Recíproco - Media y baja temperatura											
USHMB4060J*B	4EES-6Y-20D	380	3	60	12.0	16.8	79.0	220	1	60	4.4
USHMB4060T*B	4EES-6Y-20D	220	3	60	19.0	26.6	137.0	220	1	60	4.4
USHMB4060D*B	4EES-6Y-40S	440	3	60	9.0	12.6	62.0	380/440	3	60	3.2
USHMB4060F*B	4EES-6Y-40S	380	3	50	9.0	12.6	62.0	220	1	50	4.4
USHMB4070J*B	4DES-7Y-20D	380	3	60	14.0	19.6	105.0	220	1	60	4.4
USHMB4070T*B	4DES-7Y-20D	220	3	60	23.0	32.2	181.0	220	1	60	4.4
USHMB4070D*B	4DES-7Y-40S	440	3	60	11.0	15.4	82.0	380/440	3	60	3.2
USHMB4070F*B	4DES-7Y-40S	380	3	50	11.0	15.4	82.0	220	1	50	4.4
USHMB4090J*B	4CES-9Y-20D	380	3	60	17.0	23.8	105.0	220	1	60	4.4
USHMB4090T*B	4CES-9Y-20D	220	3	60	28.0	39.2	181.0	220	1	60	4.4
USHMB4090D*B	4CES-9Y-40S	440	3	60	13.0	18.2	82.0	380/440	3	60	3.2
USHMB4090F*B	4CES-9Y-40S	380	3	50	13.0	18.2	82.0	220	1	50	4.4
USHMB4120J*B	4TES-12Y-20D	380	3	60	21.0	29.4	143.0	220	1	60	4.4
USHMB4120T*B	4TES-12Y-20D	220	3	60	34.0	47.6	238.0	220	1	60	4.4
USHMB4120D*B	4TES-12Y-40S	440	3	60	17.0	23.8	113.0	380/440	3	60	3.2
USHMB4120F*B	4TES-12Y-40S	380	3	50	17.0	23.8	113.0	220	1	50	4.4
USHMB4150J*B	4PES-15Y-35P	380	3	60	23.0	32.2	168.0	220/380	3	60	3.8
USHMB4150T*B	4PES-15Y-20P	220	3	60	39.0	54.6	278.0	220/380	3	60	5.6
USHMB4150D*B	4PES-15Y-40P	440	3	60	19.0	26.6	132.0	220/380	3	60	3.8
USHMB4150F*B	4PES-15Y-40P	380	3	50	19.0	26.6	132.0	220/380	3	50	3.8
USHMB4200J*B	4NES-20Y-35P	380	3	60	28.0	39.2	201.0	220/380	3	60	3.8
USHMB4200T*B	4NES-20Y-20P	220	3	60	45.0	63.0	333.0	220/380	3	60	5.6
USHMB4200D*B	4NES-20Y-40P	440	3	60	22.0	30.8	158.0	220/380	3	60	3.8
USHMB4200F*B	4NES-20Y-40P	380	3	50	22.0	30.8	158.0	220/380	3	50	3.8
Bitzer Alternative - Low temperature											
Bitzer Recíproco - Baja temperatura											
USHB04060J*B	4CES-6Y-20D	380	3	60	15.0	21.0	105.0	220	1	60	4.4
USHB04060T*B	4CES-6Y-20D	220	3	60	24.0	33.6	181.0	220	1	60	4.4
USHB04060D*B	4CES-6Y-40S	440	3	60	12.0	16.8	82.0	380/440	3	60	3.2
USHB04060F*B	4CES-6Y-40S	380	3	50	12.0	16.8	82.0	220	1	50	4.4
USHB04090J*B	4TES-9Y-20D	380	3	60	17.0	23.8	103.0	220	1	60	4.4
USHB04090T*B	4TES-9Y-20D	220	3	60	27.0	37.8	171.0	220	1	60	4.4
USHB04090D*B	4TES-9Y-40S	440	3	60	13.0	18.2	81.0	380/440	3	60	3.2
USHB04090F*B	4TES-9Y-40S	380	3	50	13.0	18.2	81.0	220	1	50	4.4
USHB04120J*B	4PES-12Y-20D	380	3	60	21.0	29.4	143.0	220	1	60	4.4
USHB04120T*B	4PES-12Y-20D	220	3	60	34.0	47.6	238.0	220	1	60	4.4
USHB04120D*B	4PES-12Y-40S	440	3	60	17.0	23.8	113.0	380/440	3	60	3.2
USHB04120F*B	4PES-12Y-40S	380	3	50	17.0	23.8	113.0	220	1	50	4.4
USHB04140J*B	4NES-14Y-20D	380	3	60	22.0	30.8	143.0	220	1	60	4.4
USHB04140T*B	4NES-14Y-20D	220	3	60	36.0	50.4	238.0	220	1	60	4.4
USHB04140D*B	4NES-14Y-40S	440	3	60	18.0	25.2	113.0	380/440	3	60	3.2
USHB04140F*B	4NES-14Y-40S	380	3	50	18.0	25.2	113.0	220	1	50	4.4
USHB04180J*B	4HE-18Y-35P	380	3	60	30.0	42.0	201.0	220/380	3	60	3.8
USHB04180T*B	4HE-18Y-20P	220	3	60	50.0	70.0	333.0	220/380	3	60	3.8
USHB04180D*B	4HE-18Y-40P	440	3	60	24.0	33.6	158.0	220/380	3	60	5.6
USHB04180F*B	4HE-18Y-40P	380	3	50	24.0	33.6	158.0	220/380	3	50	3.8

For items whose frequency is 60/50Hz, data refers to 60Hz RLA = Compressor rated current
LRA = Compressor blocker rotor current
MCC = Compressor maximum operational current
Elgin recommends using the condensation controller under ambient temperature lower than 12°C

Para elementos cuya frecuencia es 60/50Hz, los datos son relativos a 60Hz
RLA = Corriente nominal del compresor
LRA = Corriente del rotor bloqueada del compresor
MCC = Corriente máxima de funcionamiento del compresor
Elgin recomienda usar el controlador de condensación en condiciones ambientales por debajo de 12°C

Electrical data / Datos eléctricos

Model	Compressor / Compresor							Fans			
	Model	Electrical feature Característica eléctrica			RLA	MCC	LRA	Electrical feature Característica eléctrica			
		V	F	Hz	A	A	A	V	F	Hz	A
Copeland Alternative - Medium and low temperature											
Copeland Recíproco - Media y baja temperatura											
USHMB4080J*0	3DA3R10ME-ES8-C00	380	3	60	19.0	26.6	132.0	380/440	3	60	3.2
USHMB4080T*0	3DA3R10ME-ES8-C00	220	3	60	33.0	46.2	228.0	220	1	60	4.4
USHMB4080D*0	3DA3R10ME-TFD-C00	440	3	60	20.0	28.0	106.0	380/440	3	60	3.2
USHMB4080F*0	3DA3R10ME-TFD-C00	380	3	50	20.0	28.0	106.0	380/440	3	50	3.2
USHMB4120J*0	3DB3R12ME-ES8-C00	380	3	60	28.0	39.2	132.0	220	1	60	4.4
USHMB4120T*0	3DB3R12ME-ES8-C00	220	3	60	48.0	67.2	228.0	220	1	60	4.4
USHMB4120D*0	3DB3R12ME-TFD-C00	440	3	60	20.0	28.0	106.0	380/440	3	60	3.2
USHMB4120F*0	3DB3R12ME-TFD-C00	380	3	50	20.0	28.0	106.0	220	1	50	4.4
USHMB4150J*0	3DS3R17ME-ES8-C00	380	3	60	33.0	46.2	180.0	220/380	3	60	3.8
USHMB4150T*0	3DS3R17ME-ES8-C00	220	3	60	58.0	81.2	316.0	220/380	3	60	5.6
USHMB4150D*0	3DS3R17ME-TFD-C00	440	3	60	29.0	40.6	138.0	220/380	3	60	3.8
USHMB4150F*0	3DS3R17ME-TFD-C00	380	3	50	29.0	40.6	138.0	220/380	3	50	3.8
Copeland Alternative - Low temperature											
Copeland Recíproco - Baja temperatura											
USHMB4080J*0	3DA3R10ME-ES8-C00	380	3	60	19.0	26.6	132.0	380/440	3	60	3.2
USHMB4080T*0	3DA3R10ME-ES8-C00	220	3	60	33.0	46.2	228.0	220	1	60	4.4
USHMB4080D*0	3DA3R10ME-TFD-C00	440	3	60	20.0	28.0	106.0	380/440	3	60	3.2
USHMB4080F*0	3DA3R10ME-TFD-C00	380	3	50	20.0	28.0	106.0	380/440	3	50	3.2
USHMB4120J*0	3DB3R12ME-ES8-C00	380	3	60	28.0	39.2	132.0	220	1	60	4.4
USHMB4120T*0	3DB3R12ME-ES8-C00	220	3	60	48.0	67.2	228.0	220	1	60	4.4
USHMB4120D*0	3DB3R12ME-TFD-C00	440	3	60	20.0	28.0	106.0	380/440	3	60	3.8
USHMB4120F*0	3DB3R12ME-TFD-C00	380	3	50	20.0	28.0	106.0	220	1	50	4.4
USHMB4150J*0	3DS3R17ME-ES8-C00	380	3	60	33.0	46.2	180.0	220/380	3	60	3.8
USHMB4150T*0	3DS3R17ME-ES8-C00	220	3	60	58.0	81.2	316.0	220/380	3	60	5.6
USHMB4150D*0	3DS3R17ME-TFD-C00	440	3	60	29.0	40.6	138.0	220/380	3	60	3.8
USHMB4150F*0	3DS3R17ME-TFD-C00	380	3	50	29.0	40.6	138.0	220/380	3	50	3.8
Dorin Alternative - Medium and low temperature											
Dorin Recíproco - Media y baja temperatura											
USHMB4060J*D	H505CC	380	3	60	12.0	16.8	76.0	220	1	60	4.4
USHMB4060T*D	H505CC	220	3	60	20.0	28.0	131.0	220	1	60	4.4
USHMB4070J*D	H705CC	380	3	60	16.0	22.4	103.0	220	1	60	4.4
USHMB4070T*D	H705CC	220	3	60	27.0	37.8	179.0	220	1	60	4.4
USHMB4090J*D	H755CC	380	3	60	16.0	22.4	103.0	220	1	60	4.4
USHMB4090T*D	H755CC	220	3	60	27.0	37.8	179.0	220	1	60	4.4
USHMB4120J*D	H1003CC	380	3	60	18.0	25.2	110.0	220	1	60	4.4
USHMB4120T*D	H1003CC	220	3	60	31.0	43.4	191.0	220	1	60	4.4
USHMB4150J*D	H1501CC	380	3	60	27.0	37.8	205.0	220/380	3	60	3.8
USHMB4150T*D	H1501CC	220	3	60	46.0	64.4	354.0	220/380	3	60	5.6
USHMB4200J*D	H2001CC	380	3	60	30.0	42.0	212.0	220/380	3	60	3.8
USHMB4200T*D	H2001CC	220	3	60	51.0	71.4	367.0	220/380	3	60	5.6

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Para elementos cuya frecuencia es 60/50Hz, los datos son relativos a 60Hz
RLA = Corriente nominal del compresor
LRA = Corriente del rotor bloqueada del compresor
MCC = Corriente máxima de funcionamiento del compresor
Elgin recomienda usar el controlador de condensación en condiciones ambientales por debajo de 12°C

Physical data / Datos físicos

Model	Connections Conexiones		Liquid Tank Tanque de Líquido	Noise Level* Nivel de Ruído*	Fans	
	Liquid Líquido	**Suction** Succión			**Diameter** Diámetro	**Quantity Cantidad**
	"	"	l	dB	"	
Compressor Scroll - Medium and low temperature						
Compresor Scroll - Media y baja temperatura						
USCMB4060*0	5/8"	1.1/8"	13	73	500	2
USCMB4060*C	5/8"	1.1/8"	13	73	500	2
USCMB4080**0	5/8"	1.1/8"	13	73	500	2
USCMB4080**C	5/8"	1.1/8"	13	73	500	2
USCMB4100**0	3/4"	1.3/8"	14	75	500	2
USCMB4100**C	3/4"	1.3/8"	14	75	500	2
USCMB4130**0	3/4"	1.3/8"	14	75	500	2
USCMB4120*C	3/4"	1.3/8"	14	75	500	2
USCMB4150**0	3/4"	1.3/8"	14	75	630	2
USCMB4150**C	3/4"	1.3/8"	14	75	630	2
Compressor Scroll - Low temperature						
Compresor Scroll - Baja temperatura						
USCB04080**0	5/8"	1.1/8"	13	70	500	2
USCB04100**0	5/8"	1.1/8"	13	73	500	2
USCB04130**0	3/4"	1.3/8"	14	73	500	2
USCB04150**0	3/4"	1.3/8"	14	73	500	2
Compressor Alternative - Medium and low temperature						
Compresor Recíproco - Media y baja temperatura						
USHMB4060**B	5/8"	1.1/8"	13	70	500	2
USHMB4060**D	5/8"	1.1/8"	13	70	500	2
USHMB4070**B	5/8"	1.1/8"	13	70	500	2
USHMB4070**D	5/8"	1.1/8"	13	70	500	2
USHMB4080**0	3/4"	1.3/8"	35	73	500	2
USHMB4090**B	3/4"	1.3/8"	35	73	500	2
USHMB4090**D	3/4"	1.3/8"	35	73	500	2
USHMB4120**B	3/4"	1.3/8"	35	73	500	2
USHMB4120**D	3/4"	1.3/8"	35	73	500	2
USHMB4120**0	3/4"	1.3/8"	35	73	500	2
USHMB4150**B	3/4"	1.3/8"	35	73	630	2
USHMB4150**D	3/4"	1.3/8"	35	73	630	2
USHMB4150**0	3/4"	1.3/8"	35	73	630	2
USHMB4200*B	3/4"	1.3/8"	35	73	630	2
USHMB4200*D	3/4"	1.3/8"	35	73	630	2
Compressor Alternative - Low temperature						
Compresor Recíproco - Baja temperatura						
USHB04060**B	5/8"	1.1/8"	13	70	500	2
USHB04090**B	5/8"	1.1/8"	13	73	500	2
USHB04120**B	3/4"	1.3/8"	35	73	500	2
USHB04120**0	3/4"	1.3/8"	35	73	500	2
USHB04140**B	3/4"	1.3/8"	35	73	500	2
USHB04140**0	3/4"	1.3/8"	35	73	500	2
USHB04180**B	3/4"	1.3/8"	35	73	500	2

Noise Level [dB] measures at 3 meters of distance, according to the standard.
The nose data above are typical for open field. The Condenser Units are cooled with air with horizontal flow, the noise level is considered in the air discharge. For reflexive conditions in the installation, it can significantly increase the noise level. Pay attention to the indoor applications, close to walls and background noise in the environment.

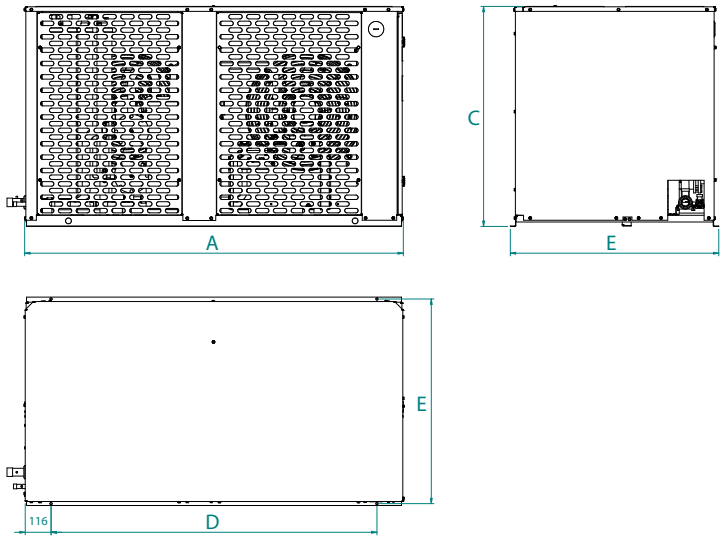
Nivel de Ruido [dB] medido a 3 metros de distancia, conforme norma. Los datos de ruido anteriores son típicos para campo abierto.Las unidades de condensación están refrigeradas por aire con un flujo horizontal, el nivel de ruido se considera en la descarga de aire.Para condiciones reflectantes en la instalación, el nivel de ruido puede aumentar significativamente. Atención en aplicaciones en entornos cerrados, cerca de paredes y ruido de fondo en el entorno.

Noise level correction value due to the distance
Valor de corrección del nivel de ruido en función de la distancia

Distance / Distancia	**5 m**	**10 m**	**15 m**	**20 m**
Subtract / Sustraer	**3db (A)**	**6 db (A)**	**10 db (A)**	**12 db (A)**

Dimensional data and weight / Datos dimensionales y peso

Model	Dimension / Dimension									
	Without packaging Sin embalaje			With packaging Con embalaje			Mounting dimension Dimensión de fijación		Weight	
	Comp. Largo A	Width Ancho B	Height Altura C	Comp. Largo A	Width Ancho B	Height Altura C	D	B	Liquid Neto	Gross Bruto
	mm	mm	mm	mm	mm	mm	mm	mm	kg	kg
Compressor Scroll - Medium and low temperature										
Compresor Scroll - Media y baja temperatura										
USCMB4060*0	1,397	935	705	1,679	1,032	894	1,152	918	210	264
USCMB4060*C	1,397	935	705	1,679	1,032	894	1,152	918	190	244
USCMB4080**0	1,397	935	705	1,679	1,032	894	1,152	918	210	264
USCMB4080**C	1,397	935	705	1,679	1,032	894	1,152	918	211	265
USCMB4100**0	1,707	935	990	2,008	1,032	1,174	1,462	918	282	345
USCMB4100**C	1,707	935	990	2,008	1,032	1,174	1,462	918	274	337
USCMB4130**0	1,707	935	990	2,008	1,032	1,174	1,462	918	317	380
USCMB4120*C	1,707	935	990	2,008	1,032	1,174	1,462	918	274	337
USCMB4150**0	1,707	935	990	2,008	1,032	1,174	1,462	918	340	403
USCMB4150**C	1,707	935	990	2,008	1,032	1,174	1,462	918	333	396
Compressor Scroll - Low temperature										
Compresor Scroll - Baja temperatura										
USCB04080**0	1,397	935	705	1,679	1,032	894	1,152	918	210	264
USCB04100**0	1,397	935	705	1,679	1,032	894	1,152	918	190	244
USCB04130**0	1,707	935	990	2,008	1,032	1,174	1,462	918	210	264
USCB04150**0	1,707	935	990	2,008	1,032	1,174	1,462	918	211	265
Compressor Alternative - Medium and low temperature										
Compresor Recíproco - Media y baja temperatura										
USHMB4060**B	1,397	935	705	1,679	1,032	894	1,152	918	257	311
USHMB4060**D	1,397	935	705	1,679	1,032	894	1,152	918	234	288
USHMB4070**B	1,397	935	705	1,679	1,032	894	1,152	918	260	314
USHMB4070**D	1,397	935	705	1,679	1,032	894	1,152	918	235	289
USHMB4080**0	1,707	935	990	2,008	1,032	1,174	1,462	918	401	464
USHMB4090**B	1,707	935	990	2,008	1,032	1,174	1,462	918	335	398
USHMB4090**D	1,707	935	990	2,008	1,032	1,174	1,462	918	308	371
USHMB4120**B	1,707	935	990	2,008	1,032	1,174	1,462	918	404	467
USHMB4120**D	1,707	935	990	2,008	1,032	1,174	1,462	918	330	393
USHMB4120**0	1,707	935	990	2,008	1,032	1,174	1,462	918	406	469
USHMB4150**B	1,707	935	990	2,008	1,032	1,174	1,462	918	429	492
USHMB4150**D	1,707	935	990	2,008	1,032	1,174	1,462	918	386	449
USHMB4150**0	1,707	935	990	2,008	1,032	1,174	1,462	918	428	491
USHMB4200*B	1,707	935	990	2,008	1,032	1,174	1,462	918	437	500
USHMB4200*D	1,707	935	990	2,008	1,032	1,174	1,462	918	386	449
Compressor Alternative - Low temperature										
Compresor Recíproco - Baja temperatura										
USHB04060**B	1,397	935	705	1,679	1,032	894	1,152	918	500	2
USHB04090**B	1,397	935	705	1,679	1,032	894	1,152	918	500	2
USHB04120**B	1,707	935	990	2,008	1,032	1,174	1,462	918	500	2
USHB04120**0	1,707	935	990	2,008	1,032	1,174	1,462	918	500	2
USHB04140**B	1,707	935	990	2,008	1,032	1,174	1,462	918	500	2
USHB04140**0	1,707	935	990	2,008	1,032	1,174	1,462	918	500	2
USHB04180**B	1,707	935	990	2,008	1,032	1,174	1,462	918	500	2



US 23 TO 66HP

CONDENSER UNIT
1 COMPRESSOR

elgin

NOMENCLATURE - CONDENSER UNIT WITH 1 COMPRESSOR												
U	S	H	MB	4	400	J	T	D	1	C	C	1
TYPE OF PRODUCT	AIR FLOW	TYPE OF COMPRESSOR	APPLICATION	FLUID	MODEL	VOLTAGE	LIQUID LINE	COMPRESSOR	NUMBER OF COMPRESSOR	VERSION	MECHANICAL CONFIGURATION	ELECTRICAL CONFIGURATION
U: Condenser unit	**S:** Horizontal flow **V:** Vertical flow	**H:** Semi Hermetic	**MB:** Medium/ Low **B0:** Low	**4:** R-404A R-507 R-134a	230 250 280 300 340 350 400 440 500 600	**J:** 380V-3F 60Hz **T:** 220V-3F 60Hz **D:** 440V-3F 60Hz (1) **F:** 380V-3F 50Hz	**T:** Air condenser, Liquid storage tank, Sight and Filter **S:** Remote air condenser, Liquid storage tank, Sight and Filter	**B:** Bitzer **D:** Dorin **0:** Copeland (2)	1	C	**C:** Accumulator, Suction filter and Oil separator **G:** Accumulator, Suction filter, Oil separator and Hot gas defrosting “Refer to the Accessories Table on Next Page”	**1:** Compressor control (On/ Off) **2:** Capacity control 35 to 100% **3:** Frequency inverter “Refer to the Accessories Table on Next Page”

(1) Condenser Units 440V with fan of 630 mm are supplied with 220V-3F using Auto-Transformer;
(2) Condenser Units with Copeland compressor only with Electrical configuration 1 and 3.

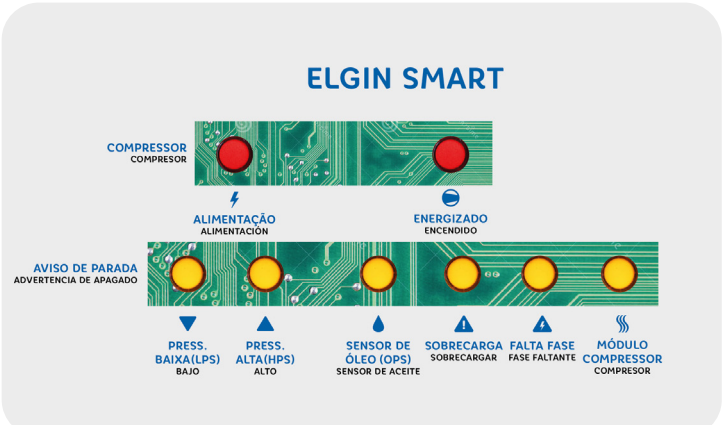
* For locations with humidity above 65% it is recommended to install a Humidity Control in the Condenser unit’s Electrical board in the field (electrical schemes includes this possibility).

Capacity data table
Q = Capacity (Kcal/h) / P = Consumed power (kW) / N/A = Not applicable
Capacities are based on the following conditions:
- Capacity at 60Hz (if 50Hz, multiply it by 0.83)
- Suction temperature: 18.3°C / Subcooling: 3.2°C
- To obtain the capacity in BTU/h, multiply it by 3,9683 and in kW divide it by 860

NUMBER OF COMPRESSORS	MODELS OF COMPRESSORS		
	BITZER SEMI HERMETIC	DORIN SEMI HERMETIC	COPELAND SEMI HERMETIC
1	✔	✔	✔

MECHANICAL ACCESSORIES	CONFIGURATION C	CONFIGURATION G
Suction line filter	✔	✔
Liquid line filter	✔	✔
Liquid separator (accumulator)	✔	✔
Oil separator	✔	✔
Liquid Sight	✔	✔
Tank of liquid	✔	✔
Service valve (Tank inlet)	✔	✔
Service valve (Tank outlet)	✔	✔
Service valve (Suction line)	✔	✔''
Retention valve	✔	✔
Anti-vibration pipe at discharge	✔	✔
Fairing	✔	✔
Suction line insulation	✔	✔
Protected fin	✔	✔
Service valve and Solenoid valve (Hot gas line)	X	✔

ELECTRICAL ACCESSORIES	CONFIGURATION 1	CONFIGURATION 2	CONFIGURATION 3
Adjustable high and low pressure switch	✔	✔	✔
Metallic electrical box	✔	✔	✔
Condensation control by pressure switch (on/off) 2 VENT - 50/100% 3 VENT - 33/66/100%	✔	X	X
Condensation control by controller (on/off) 2 VENT - 50/100% 3 VENT - 33/66/100%	X	✔	X
Condensation control by inverter 0 to 100%	X	X	✔
Elgin Smart	✔	✔	✔
Controller	X	✔	✔
Crankcase heater	✔	✔	✔
Capacity control	X	✔	✔
Cpr inverter and Axial motor	X	X	✔



ELGIN SMART - DIAGNOSIS MODULE

Exclusive electronic module available for the Complete mechanical and electrical version that allows diagnosis possible problems in a quick and visual way.
Red lights: When ON, they indicate that the compressor is correctly powered.
Yellow lights: When ON, they indicate the reason for the stop.

CAPACITY DATA

DORIN SEMI HERMETIC - R-404A/R-507/ R-134A - 60 Hz [Kcal/h]

MODEL	AMBIENT TEMPERATURE		EVAPORATION TEMPERATURE [°C] MEDIUM-LOW															
			R-404A/R-507									R-134A						
	°C		5	0	-5	-10	-15	-20	-25	-30	-35	10	5	0	-5	-10	-15	-20	-25
	1 COMPRESSOR																		
U*HMB4250	32	Q	64,843	55,206	46,484	38,700	31,746	25,640	20,345	15,767	13,435	50,111	41,560	33,928	27,226	21,431	16,539	12,451	9,152
		P	21.93	20.32	18.69	17.03	15.36	13.67	12.01	10.40	12.28	12.51	11.49	10.48	9.47	8.48	7.52	6.58	5.67
	35	Q	61,825	52,525	44,137	36,674	30,022	24,196	19,142	14,780	12,160	48,323	40,013	32,612	26,122	20,515	15,780	11,827	8,631
		P	22.74	20.96	19.19	17.41	15.64	13.88	12.15	10.50	11.34	12.94	11.84	10.74	9.67	8.62	7.60	6.63	5.70
	38	Q	58,810	49,853	41,804	34,662	28,315	22,767	17,953	13,805	10,903	46,544	38,478	31,307	25,028	19,609	15,031	11,210	8,117
		P	23.54	21.61	19.70	17.79	15.92	14.08	12.29	10.59	10.41	13.38	12.18	11.00	9.86	8.75	7.69	6.68	5.73
	43	Q	53,707	45,534	38,196	31,681	25,884	20,809	16,380	12,558	9,342	43,791	36,206	29,457	23,538	18,419	14,077	10,449	7,498
		P	24.91	22.65	20.47	18.36	16.32	14.35	12.48	10.71	9.25	14.05	12.69	11.37	10.12	8.93	7.80	6.74	5.76
U*HMB4300	32	Q	79,540	67,822	57,162	47,574	38,943	31,308	24,659	18,848	15,422	65,878	55,048	45,272	36,580	28,979	22,460	16,956	12,444
		P	30.19	27.21	24.39	21.69	19.10	16.64	14.40	12.25	14.44	17.77	16.52	15.15	13.69	12.15	10.56	8.96	7.41
	35	Q	75,733	64,452	54,215	45,034	36,788	29,506	23,154	17,621	13,939	63,401	52,900	43,439	35,036	27,689	21,386	16,065	11,696
		P	31.47	28.24	25.20	22.31	19.58	17.00	14.65	12.47	13.37	18.41	16.99	15.48	13.90	12.27	10.62	8.99	7.44
	38	Q	71,916	61,081	51,275	42,506	34,648	27,721	21,665	16,408	12,476	60,926	50,760	41,616	33,503	26,412	20,324	15,186	10,957
		P	32.76	29.26	26.00	22.93	20.05	17.37	14.90	12.68	12.30	19.05	17.45	15.81	14.11	12.40	10.69	9.03	7.47
	43	Q	64,885	55,203	46,414	38,534	31,446	25,171	19,630	14,814	10,627	56,754	47,331	38,837	31,277	24,639	18,912	14,060	10,043
		P	35.13	31.05	27.33	23.91	20.76	17.88	15.24	12.95	10.96	20.12	18.21	16.30	14.42	12.57	10.78	9.07	7.51
U*HMB4350	32	Q	89,171	76,423	64,645	53,986	44,330	35,721	28,185	21,562	17,495	77,307	64,888	53,619	43,533	34,668	27,036	20,552	15,204
		P	37.12	33.51	30.14	26.93	23.84	20.86	18.03	15.31	16.76	21.92	20.06	18.25	16.48	14.74	13.03	11.36	9.75
	35	Q	84,717	72,517	61,230	51,044	41,836	33,641	26,448	20,151	15,811	74,389	62,355	51,450	41,702	33,134	25,751	19,482	14,301
		P	38.36	34.49	30.89	27.49	24.23	21.12	18.17	15.37	15.45	22.72	20.65	18.67	16.75	14.89	13.08	11.34	9.70
	38	Q	80,262	68,600	57,816	48,110	39,355	31,577	24,727	18,755	14,150	71,467	59,824	49,290	39,881	31,612	24,480	18,424	13,409
		P	39.61	35.47	31.65	28.04	24.62	21.37	18.30	15.43	14.16	23.52	21.25	19.08	17.02	15.03	13.13	11.33	9.66
	43	Q	N/A	61,437	51,907	43,298	35,492	28,522	22,302	16,876	12,014	66,242	55,547	45,832	37,118	29,415	22,729	17,028	12,276
		P	N/A	37.26	32.95	28.96	25.23	21.75	18.50	15.51	12.50	24.95	22.25	19.75	17.42	15.24	13.20	11.31	9.59
U*HMB4400	32	Q	105,635	91,123	77,633	65,367	54,193	44,185	35,348	27,555	22,865	95,421	80,176	66,324	53,926	43,006	33,582	25,566	18,927
		P	47.04	41.99	37.46	33.24	29.30	25.60	22.13	18.94	20.70	28.11	25.66	23.26	20.89	18.53	16.19	13.90	11.68
	35	Q	100,273	86,400	73,493	61,783	51,134	41,608	33,179	25,761	20,657	91,846	77,061	63,646	51,648	41,078	31,948	24,181	17,737
		P	48.72	43.28	38.42	33.94	29.77	25.88	22.28	18.99	19.07	29.18	26.43	23.78	21.20	18.69	16.23	13.87	11.64
	38	Q	N/A	81,733	69,399	58,237	48,106	39,056	31,030	23,983	18,471	88,311	73,980	60,996	49,391	39,167	30,329	22,807	16,556
		P	N/A	44.54	39.38	34.62	30.23	26.16	22.42	19.04	17.46	30.23	27.19	24.29	21.51	18.84	16.28	13.85	11.60
	43	Q	N/A	72,948	62,129	52,286	43,294	35,208	27,948	21,550	15,622	81,743	68,594	56,630	45,883	36,355	28,065	20,975	15,047
		P	N/A	46.92	41.07	35.78	30.96	26.58	22.62	19.10	15.36	32.18	28.52	25.14	22.00	19.07	16.33	13.82	11.55
U*HMB4500	32	Q	124,185	107,096	91,300	76,894	63,734	51,939	41,519	32,351	27,086	109,036	91,700	75,892	61,704	49,171	38,329	29,100	21,463
		P	59.43	52.73	46.66	41.14	36.05	31.36	27.09	23.12	25.08	32.28	29.43	26.65	23.92	21.20	18.51	15.88	13.36
	35	Q	117,899	101,526	86,434	72,704	60,189	48,987	39,066	30,364	24,520	104,816	88,038	72,764	59,064	46,958	36,476	27,551	20,152
		P	61.50	54.42	48.01	42.18	36.83	31.92	27.42	23.31	23.14	33.53	30.34	27.28	24.31	21.42	18.60	15.89	13.34
	38	Q	111,605	95,948	81,561	68,507	56,639	46,029	36,609	28,373	21,955	100,587	84,369	69,631	56,418	44,741	34,620	25,999	18,837
		P	63.58	56.12	49.37	43.23	37.61	32.47	27.76	23.50	21.19	34.78	31.25	27.91	24.71	21.64	18.69	15.90	13.33
	43	Q	N/A	N/A	72,756	61,334	50,891	41,487	33,021	25,600	18,569	92,765	77,965	64,466	52,292	41,462	32,010	23,916	17,145
		P	N/A	N/A	51.81	45.02	38.88	33.32	28.25	23.76	18.62	37.09	32.85	28.95	25.33	21.96	18.81	15.92	13.32
U*HMB4600	32	Q	138,200	120,437	103,713	88,122	73,606	60,373	48,491	37,925	31,207	128,245	108,501	90,373	73,990	59,457	46,823	36,047	27,123
		P	68.23	61.61	55.36	49.40	43.70	38.25	33.03	28.14	29.56	43.84	39.34	35.25	31.48	27.95	24.60	21.41	18.40
	35	Q	130,031	113,229	97,451	82,761	69,102	56,653	45,431	35,465	28,211	123,168	104,068	86,551	70,735	56,700	44,491	34,077	25,440
		P	69.83	62.85	56.29	50.07	44.15	38.54	33.24	28.30	27.28	45.37	40.48	36.05	31.99	28.21	24.67	21.33	18.23
	38	Q	121,862	106,020	91,187	77,398	64,595	52,929	42,367	33,001	25,217	118,081	99,626	82,722	67,474	53,939	42,155	32,103	23,753
		P	71.43	64.09	57.22	50.73	44.60	38.83	33.44	28.45	25.02	46.90	41.62	36.86	32.50	28.48	24.73	21.26	18.05
	43	Q	N/A	N/A	80,748	67,863	57,003	46,982	37,725	29,451	21,167	N/A	92,224	75,982	62,074	49,627	38,707	29,336	21,499
		P	N/A	N/A	58.76	51.91	45.36	39.30	33.75	28.67	21.95	N/A	43.52	38.27	33.34	28.89	24.84	21.15	17.82

CAPACITY DATA

COPELAND SEMI HERMETIC - R-404A/R-507 - 60 Hz [Kcal/h]

MODEL	AMBIENT TEMPERATURE		EVAPORATION TEMPERATURE [°C] MEDIUM-LOW								
	°C		5	0	-5	-10	-15	-20	-25	-30	-35
1 COMPRESSOR											
US*MB4250	32	Q	N/A	60,548	51,057	42,405	34,802	26,703	22,204	17,015	14,152
		P	N/A	21.74	20.32	18.79	17.28	17.36	14.13	12.49	14.76
	35	Q	N/A	57,731	48,529	40,250	32,964	24,043	20,877	15,898	12,548
		P	N/A	22.48	20.93	19.27	17.63	18.84	14.22	12.47	13.17
	38	Q	N/A	54,920	46,011	38,108	31,139	21,408	19,564	14,794	10,968
		P	N/A	23.23	21.53	19.74	17.99	20.31	14.31	12.46	11.59
	43	Q	N/A	50,242	42,011	34,852	28,479	17,720	17,797	13,362	9,007
		P	N/A	24.47	22.48	20.47	18.50	22.36	14.43	12.44	9.64
US*MB4350	32	Q	92,060	81,434	69,158	58,082	48,346	41,385	31,807	24,861	20,513
		P	36.19	34.05	31.47	28.84	26.26	24.24	21.08	18.50	20.34
	35	Q	87,937	77,694	65,915	55,329	45,948	39,039	30,025	23,301	18,193
		P	37.36	35.11	32.34	29.54	26.78	24.52	21.26	18.50	18.14
	38	Q	N/A	73,938	62,667	52,579	43,558	36,706	28,257	21,757	15,903
		P	N/A	36.16	33.22	30.23	27.31	24.79	21.44	18.50	15.97
	43	Q	N/A	N/A	N/A	47,926	39,714	33,118	25,680	19,613	12,938
		P	N/A	N/A	N/A	31.40	28.15	25.22	21.70	18.50	13.15

CAPACITY DATA

BITZER SEMI HERMETIC- R-404A/R-507/ R-134A - 60 Hz [Kcal/h]

MODEL	AMBIENT TEMPERATURE		EVAPORATION TEMPERATURE [°C] MEDIUM-LOW															
			R-404A/R-507									R-134A						
	°C		5	0	-5	-10	-15	-20	-25	-30	-35	10	5	0	-5	-10	-15	-20	-25
1 COMPRESSOR																			
U*HMB4250	32	Q	71,621	60,745	50,963	42,244	34,542	27,798	21,938	16,889	12,582	60,469	50,192	41,131	33,222	26,381	20,514	15,528	11,339
		P	24.44	22.59	20.77	18.96	17.18	15.41	13.67	11.97	10.32	10.66	10.32	9.84	9.25	8.56	7.79	6.97	6.12
	35	Q	68,039	57,625	48,270	39,936	32,581	26,150	20,576	15,788	11,718	58,217	48,255	39,478	31,822	25,204	19,535	14,725	10,692
		P	25.18	23.21	21.26	19.34	17.45	15.59	13.76	11.97	10.25	11.26	10.79	10.21	9.52	8.74	7.89	7.00	6.09
	38	Q	64,457	54,512	45,588	37,642	30,636	24,519	19,229	14,700	10,865	55,974	46,329	37,838	30,435	24,040	18,568	13,932	10,055
		P	25.92	23.82	21.76	19.72	17.72	15.76	13.84	11.98	10.19	11.85	11.27	10.57	9.78	8.91	7.99	7.03	6.06
	43	Q	58,222	49,348	41,341	34,170	27,815	22,247	17,424	13,292	9,797	52,374	43,381	35,438	28,490	22,471	17,311	12,935	9,276
		P	27.21	24.84	22.54	20.29	18.11	16.00	13.95	11.98	10.11	12.80	11.99	11.10	10.15	9.15	8.11	7.06	6.03
U*HMB4350	32	Q	87,311	76,567	66,347	56,768	47,908	39,813	32,507	25,993	N/A	77,374	64,952	53,876	44,110	35,589	28,223	21,920	16,585
		P	36.66	33.76	30.87	28.02	25.21	22.47	19.79	17.21	N/A	21.65	19.71	17.84	16.03	14.27	12.57	10.97	9.46
	35	Q	82,480	72,446	62,847	53,811	45,423	37,738	30,784	24,569	N/A	74,537	62,513	51,794	42,345	34,100	26,977	20,886	15,738
		P	37.70	34.64	31.60	28.59	25.63	22.74	19.94	17.23	N/A	22.45	20.36	18.35	16.41	14.54	12.75	11.06	9.49
	38	Q	77,628	68,316	59,347	50,860	42,949	35,676	29,075	23,158	N/A	71,696	60,076	49,720	40,590	32,623	25,742	19,863	14,901
		P	38.74	35.52	32.32	29.15	26.05	23.02	20.08	17.25	N/A	23.25	21.01	18.87	16.80	14.82	12.93	11.15	9.51
	43	Q	69,540	60,789	53,241	45,938	39,007	32,537	26,588	21,194	N/A	66,612	55,951	46,392	37,914	30,478	24,029	18,502	13,829
		P	40.48	37.14	33.58	30.10	26.71	23.43	20.28	17.28	N/A	24.68	22.11	19.69	17.39	15.21	13.17	11.27	9.54
U*HMB4400	32	Q	106,016	91,295	77,734	65,359	54,193	44,223	35,408	27,684	N/A	94,436	79,497	66,138	54,310	43,930	34,892	27,089	20,413
		P	44.29	40.67	37.15	33.74	30.43	27.22	24.14	21.17	N/A	26.91	24.63	22.41	20.25	18.15	16.09	14.12	12.24
	35	Q	100,269	86,257	73,356	61,585	50,964	41,490	33,127	25,816	N/A	91,032	76,542	63,594	52,134	42,080	33,334	25,792	19,353
		P	45.47	41.69	38.00	34.42	30.94	27.58	24.33	21.21	N/A	27.95	25.48	23.09	20.77	18.52	16.35	14.26	12.29
	38	Q	94,595	81,280	69,030	57,852	47,770	38,784	30,867	23,965	N/A	87,666	73,619	61,076	49,978	40,247	31,790	24,507	18,302
		P	46.64	42.70	38.85	35.10	31.45	27.93	24.52	21.25	N/A	28.98	26.32	23.76	21.29	18.90	16.60	14.40	12.35
	43	Q	N/A	72,015	61,387	51,593	42,681	34,683	27,601	21,408	N/A	81,444	68,523	56,926	46,613	37,530	29,608	22,770	16,939
		P	N/A	44.57	40.34	36.23	32.27	28.45	24.80	21.30	N/A	30.88	27.78	24.86	22.09	19.45	16.95	14.60	12.42
U*HMB4500	32	Q	124,398	107,791	92,289	77,977	64,931	53,187	42,731	N/A	N/A	110,554	93,296	77,717	63,833	51,609	40,971	31,820	24,048
		P	55.63	50.92	46.38	41.99	37.75	33.64	29.68	N/A	N/A	32.45	29.66	27.00	24.44	21.97	19.58	17.26	15.01
	35	Q	117,371	101,668	87,002	73,443	61,071	49,928	40,011	N/A	N/A	106,140	89,515	74,503	61,118	49,328	39,065	30,238	22,747
		P	57.04	52.10	47.33	42.72	38.26	33.95	29.80	N/A	N/A	33.49	30.53	27.69	24.97	22.35	19.82	17.37	15.01
	38	Q	110,341	95,543	81,711	68,905	57,207	46,665	37,288	N/A	N/A	101,718	85,727	71,284	58,399	47,043	37,155	28,652	21,443
		P	58.45	53.28	48.28	43.45	38.78	34.26	29.92	N/A	N/A	34.54	31.40	28.39	25.51	22.74	20.06	17.49	15.02
	43	Q	N/A	85,333	72,220	61,166	50,939	41,630	33,282	N/A	N/A	93,536	79,090	65,939	54,114	43,618	34,425	26,484	19,732
		P	N/A	55.24	49.98	44.69	39.61	34.75	30.09	N/A	N/A	36.47	32.92	29.56	26.36	23.31	20.41	17.65	15.03

CAPACITY DATA

BITZER SEMI HERMETIC - R-404A/R-507 - 60 Hz [Kcal/h]

MODEL	AMBIENT TEMPERATURE		EVAPORATION TEMPERATURE [°C] LOW								
	°C		-5	-10	-15	-20	-25	-30	-35	-40	-45
1 COMPRESSOR											
U*HB04230	32	Q	51,971	44,004	36,737	30,193	24,367	19,233	14,760	10,914	N/A
		P	27.65	24.68	21.92	19.34	16.93	14.66	12.54	10.57	N/A
	35	Q	49,015	41,468	34,581	28,380	22,866	18,016	13,801	10,188	N/A
		P	28.32	25.21	22.32	19.63	17.11	14.75	12.56	10.54	N/A
	38	Q	46,041	38,925	32,425	26,572	21,371	16,807	12,851	9,470	N/A
		P	29.00	25.74	22.72	19.91	17.29	14.84	12.58	10.51	N/A
	43	Q	40,538	34,456	28,824	23,699	19,111	15,062	11,539	8,518	N/A
		P	30.25	26.68	23.39	20.36	17.56	14.98	12.61	10.46	N/A
U*HB04280	32	Q	57,991	49,560	41,736	34,582	28,126	22,365	17,285	12,866	10,009
		P	33.21	29.77	26.50	23.41	20.47	17.71	15.11	12.69	13.42
	35	Q	54,597	46,642	39,246	32,475	26,361	20,909	16,104	11,928	8,876
		P	33.94	30.34	26.93	23.70	20.64	17.75	15.04	12.53	11.97
	38	Q	51,174	43,708	36,749	30,367	24,601	19,460	14,932	10,998	7,757
		P	34.67	30.92	27.36	23.99	20.80	17.79	14.98	12.38	10.54
	43	Q	N/A	38,302	32,383	26,871	21,831	17,294	13,266	9,739	6,328
		P	N/A	31.99	28.12	24.47	21.05	17.86	14.90	12.17	8.71
U*HB04340	32	Q	77,011	65,362	54,747	45,190	36,676	29,162	22,594	16,921	13,796
		P	41.27	37.02	33.03	29.27	25.74	22.42	19.33	16.48	18.59
	35	Q	72,726	61,663	51,578	42,500	34,421	27,306	21,103	15,761	12,236
		P	42.38	37.93	33.74	29.80	26.09	22.62	19.39	16.42	16.58
	38	Q	68,424	57,961	48,414	39,820	32,181	25,466	19,627	14,613	10,697
		P	43.50	38.84	34.45	30.32	26.45	22.82	19.45	16.35	14.59
	43	Q	60,367	51,390	43,091	35,544	28,783	22,807	17,591	13,097	8,766
		P	45.60	40.46	35.65	31.16	26.98	23.10	19.52	16.26	12.10
U*HB04440	32	Q	86,947	74,292	62,554	51,825	42,144	33,509	25,895	19,273	14,953
		P	49.72	44.76	40.04	35.56	31.29	27.26	23.45	19.90	21.32
	35	Q	81,929	69,960	58,843	48,672	39,495	31,316	24,113	17,854	13,249
		P	50.75	45.58	40.66	35.98	31.53	27.32	23.36	19.67	19.00
	38	Q	76,877	65,613	55,128	45,525	36,859	29,139	22,346	16,451	11,568
		P	51.79	46.41	41.28	36.40	31.77	27.39	23.27	19.44	16.72
	43	Q	N/A	57,500	48,571	40,271	32,693	25,879	19,837	14,552	9,430
		P	N/A	47.95	42.37	37.10	32.14	27.49	23.14	19.13	13.81

CAPACITY DATA

COPELAND SEMI HERMETIC - R-404A/R-507 - 60Hz [Kcal/h]

MODEL	AMBIENT TEMPERATURE		EVAPORATION TEMPERATURE [°C] LOW						
	°C		-10	-15	-20	-25	-30	-35	-40
1 COMPRESSOR									
U*HB04230	32°C	Q	45,457	38,028	31,272	25,305	20,092	15,521	11,469
		P	24.75	22.33	19.99	17.82	15.64	13.55	11.47
	35°C	Q	43,209	36,011	29,588	23,895	18,905	14,537	10,656
		P	25.42	22.86	20.40	18.08	15.77	13.55	11.38
	38°C	Q	40,952	33,990	27,906	22,490	17,724	13,561	9,851
		P	26.09	23.39	20.80	18.34	15.91	13.55	11.28
	43°C	Q	N/A	30,623	25,189	20,329	15,994	12,197	8,776
		P	N/A	24.27	21.45	18.73	16.10	13.55	11.16
U*HB04340	32°C	Q	N/A	N/A	42,570	34,688	27,467	21,292	15,811
		P	N/A	N/A	28.18	24.87	21.77	18.79	16.01
	35°C	Q	N/A	N/A	40,209	32,666	25,811	19,852	14,521
		P	N/A	N/A	28.79	25.32	22.05	18.88	15.87
	38°C	Q	N/A	N/A	37,858	30,657	24,169	18,427	13,247
		P	N/A	N/A	29.39	25.76	22.33	18.96	15.73
	43°C	Q	N/A	N/A	N/A	27,308	21,812	16,478	11,585
		P	N/A	N/A	N/A	26.49	22.73	19.07	15.55

Q = Capacity (Kcal/h) / P = Consumed power (kW) / N/A = Not applicable
Capacities are based on the following conditions:
- Capacity at 60Hz (if 50Hz, multiply it by 0.83)
- Suction temperature: 18.3°C / Subcooling: 3.2°C
- To obtain the capacity in BTU/h, multiply it by 3,9683 and in kW divide it by 860

ELECTRICAL DATA												
BITZER SEMI HERMETIC - MEDIUM/LOW TEMPERATURE												
MODEL	COMPRESSOR							FAN				
	MODEL	VOLTAGE	PHASE	FREQUENCY	MCC	RLA	LRA	VOLTAGE	PHASE	FREQUENCY	QTY.	CURRENT
		V		Hz	A	A	A	V		Hz		
U*HMB4250J*B1	4HE-25Y-35P	380	3	60	55.90	35.83	268	380	3	60/50	3	5.7
U*HMB4250T*B1	4HE-25Y-20P	220	3	60	92.60	59.36	444	220	3	60/50	3	9.9
U*HMB4250D*B1	4HE-25Y-40P	440	3	60	44.00	28.21	211	220	3	60	3	9.9
U*HMB4250F*B1	4HE-25Y-40P	380	3	50	44.00	28.21	211	380	3	60/50	3	5.7
U*HMB4350J*B1	4FE-35Y-35P	380	3	60	78.90	50.58	269	380	3	60/50	3	5.7
U*HMB4350T*B1	4FE-35Y-20P	220	3	60	130.70	83.78	491	220	3	60/50	3	9.9
U*HMB4350D*B1	4FE-35Y-40P	440	3	60	62.10	39.81	233	220	3	60	3	9.9
U*HMB4350F*B1	4FE-35Y-40P	380	3	50	62.10	39.81	233	380	3	60/50	3	5.7
U*HMB4400J*B1	6GE-40Y-35P	380	3	60	93.80	60.13	460	380	3	60/50	3	5.7
U*HMB4400T*B1	6GE-40Y-20P	220	3	60	155.60	99.74	762	220	3	60/50	3	9.9
U*HMB4400D*B1	6GE-40Y-40P	440	3	60	73.90	47.37	362	220	3	60	3	9.9
U*HMB4400F*B1	6GE-40Y-40P	380	3	50	73.90	47.37	362	380	3	60/50	3	5.7
U*HMB4500J*B1	6FE-50Y-35P	380	3	60	122.20	78.33	513	380	3	60/50	3	5.7
U*HMB4500T*B1	6FE-50Y-20P	220	3	60	192.00	123.08	808	220	3	60/50	3	9.9
U*HMB4500D*B1	6FE-50Y-40P	440	3	60	96.20	61.67	404	220	3	60	3	9.9
U*HMB4500F*B1	6FE-50Y-40P	380	3	50	96.20	61.67	404	380	3	60/50	3	5.7

ELECTRICAL DATA												
BITZER SEMI HERMETIC - LOW TEMPERATURE												
MODEL	COMPRESSOR							FAN				
	MODEL	VOLTAGE	PHASE	FREQUENCY	MCC	RLA	LRA	VOLTAGE	PHASE	FREQUENCY	QTY.	CURRENT
		V		Hz	A	A	A	V		Hz		
U*HB04230J*B1	4GE-23Y-35P	380	3	60	55.7	35.71	201	380	3	60/50	2	3.8
U*HB04230T*B1	4GE-23Y-20P	220	3	60	92.40	59.23	333	220	3	60/50	2	6.6
U*HB04230D*B1	4GE-23Y-40P	440	3	60	43.90	28.14	158	220	3	60	2	6.6
U*HB04230F*B1	4GE-23Y-40P	380	3	50	43.90	28.14	158	380	3	60/50	2	3.8
U*HB04280J*B1	4FE-28Y-35P	380	3	60	67.00	42.95	296	380	3	60/50	2	3.8
U*HB04280T*B1	4FE-28Y-20P	220	3	60	111.20	71.28	491	220	3	60/50	2	6.6
U*HB04280D*B1	4FE-28Y-40P	440	3	60	52.80	33.85	233	220	3	60	2	6.6
U*HB04280F*B1	4FE-28Y-40P	380	3	50	52.80	33.85	233	380	3	60/50	2	3.8
U*HB04340J*B1	6GE-34Y-35P	380	3	60	83.20	53.33	296	380	3	60/50	3	5.7
U*HB04340T*B1	6GE-34Y-20P	220	3	60	137.90	88.40	491	220	3	60/50	3	9.9
U*HB04340D*B1	6GE-34Y-40P	440	3	60	65.50	41.99	233	220	3	60	3	9.9
U*HB04340F*B1	6GE-34Y-40P	380	3	50	65.50	41.99	233	380	3	60/50	3	5.7
U*HB04440J*B1	6FE-44Y-35P	380	3	60	105.70	67.76	460	380	3	60/50	3	5.7
U*HB04440T*B1	6FE-44Y-20P	220	3	60	175.20	112.31	762	220	3	60/50	3	9.9
U*HB04440D*B1	6FE-44Y-40P	440	3	60	83.20	53.33	362	220	3	60	3	9.9
U*HB04440F*B1	6FE-44Y-40P	380	3	50	83.20	53.33	362	380	3	60/50	3	5.7

MCC = Compressor maximum operational current - IEC
RLA = Compressor rated current = MCC/1,56; for Copeland compressor, consider MCC/1,4
LRA = Compressor blocker rotor current.
Elgin recommends using the condensation controller when the ambient temperature is equal or lower than 10°C.

ELECTRICAL DATA												
DORIN SEMI HERMETIC - MEDIUM/LOW TEMPERATURE												
MODEL	COMPRESSOR							FAN				
	MODEL	VOLTAGE	PHASE	FREQUENCY	MCC	RLA	LRA	VOLTAGE	PHASE	FREQUENCY	QTY.	CURRENT
		V		Hz	A	A	A	V		Hz		
U*HMB4250J*D1	H2201CC	380	3	60	54.00	34.62	244	380	3	60/50	3	5.7
U*HMB4300J*D1	H3000CC	380	3	60	67.00	42.95	294	380	3	60/50	3	5.7
U*HMB4350J*D1	H3400CC	380	3	60	72.00	46.15	312	380	3	60/50	3	5.7
U*HMB4400J*D1	H4000CC	380	3	60	90.00	57.69	348	380	3	60/50	3	5.7
U*HMB4500J*D1	H5000CC	380	3	60	112.00	71.79	430	380	3	60/50	3	5.7
U*HMB4600J*D1	H6000CC	380	3	60	114.00	73.08	653	380	3	60/50	3	5.7

ELECTRICAL DATA												
COPELAND SEMI HERMETIC - LOW TEMPERATURE												
MODEL	COMPRESSOR							FAN				
	MODEL	VOLTAGE	PHASE	FREQUENCY	MCC	RLA	LRA	VOLTAGE	PHASE	FREQUENCY	QTY.	CURRENT
		V		Hz	A	A	A	V		Hz		
U*HB04230J*01	4DJNF76KE-AWX-C04	380	3	60	51.40	36.71	203	380	3	60/50	2	3.8
U*HB04230T*01	4DJNF76KE-TSK-C04	220	3	60	90.00	64.29	374	220	3	60/50	2	6.6
U*HB04230D*01	4DJNF76KE-TSK-C04	440	3	60	45.00	32.14	187	220	3	60	2	6.6
U*HB04230F*01	4DJNF76KE-TSK-C04	380	3	50	45.00	32.14	187	380	3	60/50	2	3.8
U*HB04340J*01	6DJNF11ME-AWX-C04	380	3	60	74.60	53.29	289	380	3	60/50	3	5.7
U*HB04340T*01	6DJNF11ME-TSK-C04	220	3	60	133.80	95.57	470	220	3	60/50	3	9.9
U*HB04340D*01	6DJNF11ME-TSK-C04	440	3	60	66.90	47.79	235	220	3	60	3	9.9
U*HB04340F*01	6DJNF11ME-TSK-C04	380	3	50	66.90	47.79	235	380	3	60/50	3	5.7

ELECTRICAL DATA												
COPELAND SEMI HERMETIC - MEDIUM/LOW TEMPERATURE												
MODEL	COMPRESSOR							FAN				
	MODEL	VOLTAGE	PHASE	FREQUENCY	MCC	RLA	LRA	VOLTAGE	PHASE	FREQUENCY	QTY.	CURRENT
		V		Hz	A	A	A	V		Hz		
U*HMB4250J*01	4DHNR22ME-AWX-C00	380	3	60	49.8	35.57	228	380	3	60/50	3	5.7
U*HMB4250T*01	4DHNR22ME-TSK-C00	220	3	60	115	82.14	428	220	3	60/50	3	9.9
U*HMB4250D*01	4DHNR22ME-TSK-C00	440	3	60	57.5	41.07	214	220	3	60	3	9.9
U*HMB4250F*01	4DHNR22ME-TSK-C00	380	3	50	57.5	41.07	214	380	3	60/50	3	5.7
U*HMB4350J*01	6DHNR35ME-AWX-C00	380	3	60	76.2	54.43	338	380	3	60/50	3	5.7
U*HMB4350T*01	6DHNR35ME-TSK-C00	220	3	60	175.2	125.14	565	220	3	60/50	3	9.9
U*HMB4350D*01	6DHNR35ME-TSK-C00	440	3	60	87.6	62.57	283	220	3	60	3	9.9
U*HMB4350F*01	6DHNR35ME-TSK-C00	380	3	50	87.6	62.57	283	380	3	60/50	3	5.7

MCC = Compressor maximum operational current - IEC
RLA = Compressor rated current = MCC/1,56; for Copeland compressor, consider MCC/1,4
LRA = Compressor blocker rotor current.
Elgin recommends using the condensation controller when the ambient temperature is equal or lower than 10°C.

DIMENSIONAL DATA

SEMI HERMETIC MEDIUM/LOW TEMPERATURE

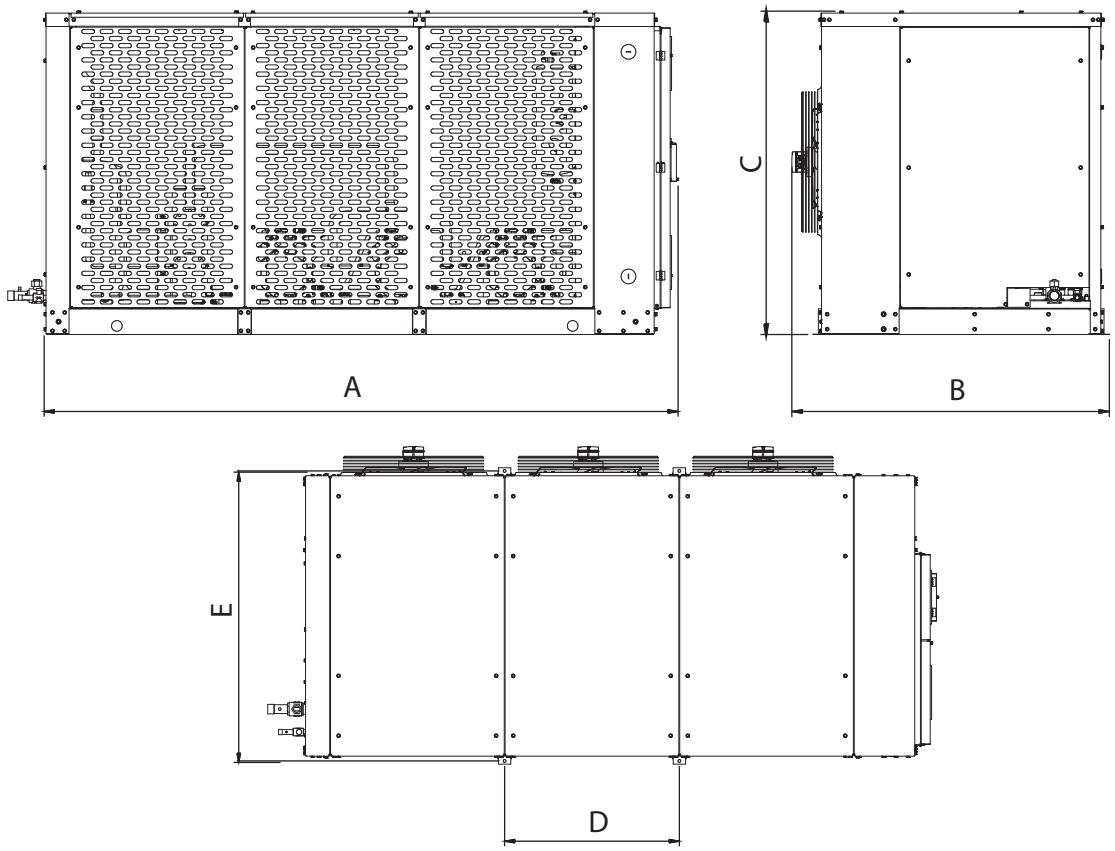
MODEL	EXTERNAL DIMENSIONS									MOUNTING DIMENSION		MECHANICAL DATA			WEIGHT (KG)		VENTIL.		NOISE LEVEL AT 5 M **
	WITHOUT PACKAGING HORIZONTAL FLOW			WITHOUT PACKAGING VERTICAL FLOW			WITH PACKAGING					CONNECTIONS		LIQUID STORAGE TANK					
	LENGTH	DEPTH	HEIGHT	LENGTH	DEPTH	HEIGHT	LENGTH	DEPTH	HEIGHT	LENGTH	DEPTH	LIQUID	SUCTION		LIQUID	GROSS	DIAMETER	QUANTITY	
	A	B	C	A	B	C	A	B	C	D	E								
U*HMB4250*B1	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	690	906	630	3	78
U*HMB4250*D1	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	757	973	630	3	78
U*HMB4250*01	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	758	974	630	3	78
U*HMB4300*D1	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	753	969	630	3	78
U*HMB4350*B1	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	759	975	630	3	78
U*HMB4350*D1	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	757	973	630	3	78
U*HMB4350*01	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	803	1019	630	3	78
U*HMB4400*B1	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	824	1040	630	3	78
U*HMB4400*D1	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	813	1029	630	3	78
U*HMB4500*B1	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	884	1100	630	3	78
U*HMB4500*D1	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	872	1088	630	3	78
U*HMB4600*D1	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	993	1209	630	3	78

DIMENSIONAL DATA

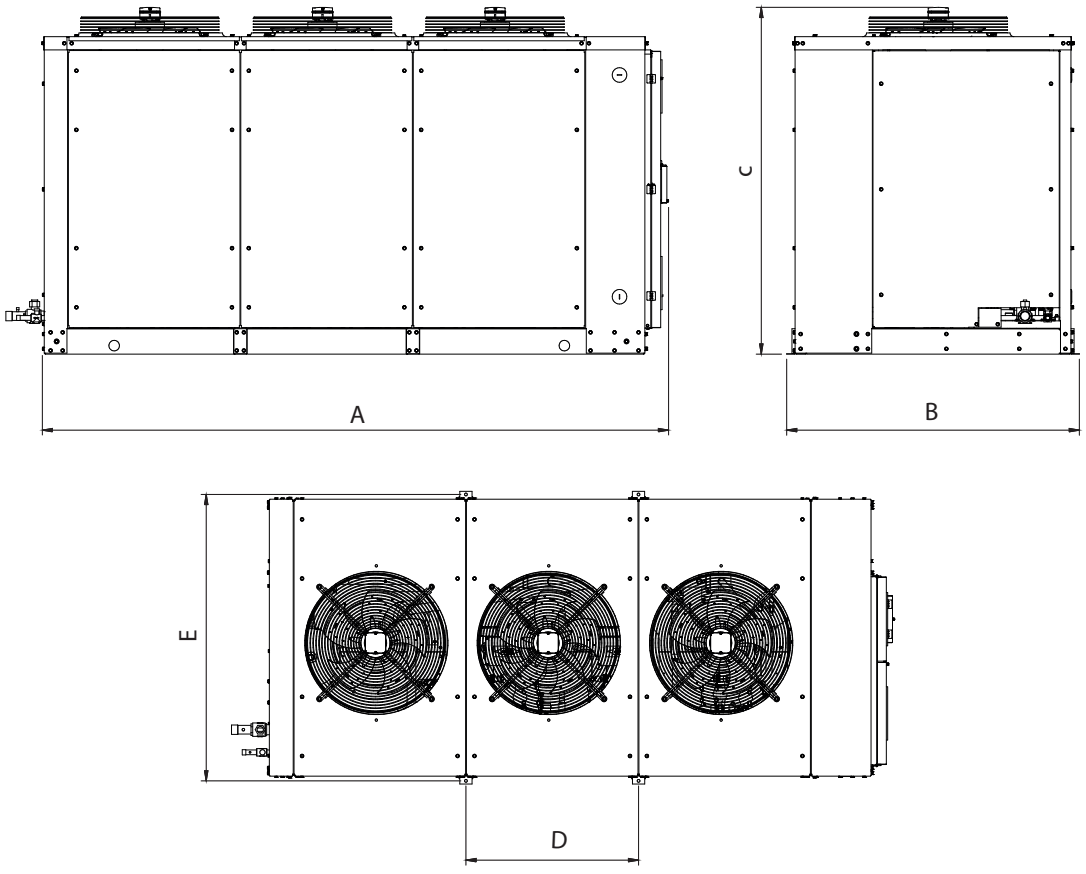
SEMI HERMETIC MEDIUM/LOW TEMPERATURE

MODEL	EXTERNAL DIMENSIONS									MOUNTING DIMENSION		MECHANICAL DATA			WEIGHT (KG)		VENTIL.		NOISE LEVEL AT 5 M **
	WITHOUT PACKAGING HORIZONTAL FLOW			WITHOUT PACKAGING VERTICAL FLOW			WITH PACKAGING					CONNECTIONS		LIQUID STORAGE TANK					
	LENGTH	DEPTH	HEIGHT	LENGTH	DEPTH	HEIGHT	LENGTH	DEPTH	HEIGHT	LENGTH	DEPTH	LIQUID	SUCTION		LIQUID	GROSS	DIAMETER	QUANTITY	
	A	B	C	A	B	C	A	B	C	D	E								
U*HB04230*B1	2147	1485	1512	2147	1386	1642	2472	1702	1954	817	1356	7/8"	1.5/8"	35	607	778	630	2	76
U*HB04230*01	2147	1485	1512	2147	1386	1642	2472	1702	1954	817	1356	7/8"	1.5/8"	35	618	789	630	2	76
U*HB04280*B1	2147	1485	1512	2147	1386	1642	2472	1702	1954	817	1356	7/8"	2.1/8"	35	625	796	630	2	78
U*HB04340*B1	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	781	997	630	3	78
U*HB04340*01	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	803	1019	630	3	78
U*HB04440*B1	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	793	1009	630	3	78

HORIZONTAL FLOW



VERTICAL FLOW



US 23 TO 66HP

CONDENSER UNIT
2 AND 3 COMPRESSORS

elgin

NOMENCLATURE - CONDENSER UNIT WITH 2 AND 3 COMPRESSORS												
U	S	H	MB	4	120	J	T	D	2	C	C	2
TYPE OF PRODUCT	AIR FLOW	TYPE OF COMPRESSOR	APPLICATION	FLUID	MODEL	VOLTAGE	LIQUID LINE	COMPRESSOR	NUMBER OF COMPRESSOR	VERSION	MECHANICAL CONFIGURATION	ELECTRICAL CONFIGURATION
U: Condenser unit	**S:** Horizontal flow **V:** Vertical flow	**C:** Scroll **H:** Semi Hermetic	**MB:** Medium temperature Low **B0:** Low	**4:** R-404A R-507 R-134a	100 120 140 150 180 210 270 300 360 420 450 540 660	**J:** 380V-3F 60Hz **T:** 220V-3F 60Hz **D:** 440V-3F 60Hz (1) **F:** 380V-3F 50Hz	**T:** Air condenser, Liquid storage tank, Sight and Filter **S:** Remote air condenser, Liquid storage tank, Sight and Filter	**B:** Bitzer **D:** Dorin **0:** Copeland (2)	2 3	**C**	**C:** Accumulator, Suction filter and Oil separator **G:** Accumulator, Suction filter, Oil separator and Hot gas defrosting “Refer to the Accessories Table on Next Page”	**C:** Compressor Control (On/Off) 2 CPR - 50-100% 3 CPR - 33/66/100% **2:** Capacity control 35 to 100% “Refer to the Accessories Table on Next Page”

(1) Condenser Units 440V with fan of 630 mm are supplied with 220V-3F using Auto-Transformer;
(2) Condenser units with Copeland compressor only with Electrical configuration ‘C’.

* For locations with humidity above 65% it is recommended to install a Humidity Control in the Condenser unit’s Electrical board in the field (electrical schemes includes this possibility).

Capacity data table
Q = Capacity (Kcal/h) / P = Consumed power (kW) / N/A = Not applicable
Capacities are based on the following conditions:
- Capacity at 60Hz (if 50Hz, multiply it by 0.83)
- Suction temperature: 18.3°C / Subcooling: 3.2°C
- To obtain the capacity in BTU/h, multiply it by 3,9683 and in kW divide it by 860

NUMBER OF COMPRESSORS	MODELS OF COMPRESSORS			
	BITZER SEMI HERMETIC	DORIN SEMI HERMETIC	COPELAND SEMI HERMETIC	COPELAND SCROLL
2	✔	✔	X	✔
3	✔	✔	✔	✔

MECHANICAL ACCESSORIES	CONFIGURATION C	CONFIGURATION G
Suction line filter	✔	✔
Liquid line filter	✔	✔
Liquid separator (accumulator)	✔	✔
Oil separator	✔	✔
Electronic buoy	✔	✔
Liquid sight	✔	✔
Tank of liquid	✔	✔
Service valve (Tank inlet)	✔	✔
Service valve (Tank outlet)	✔	✔
Service valve (Suction line)	✔	✔
Retention valve	✔	✔
Anti-vibration pipe at discharge	✔	✔
Fairing	✔	✔
Suction line insulation	✔	✔
Protected fin	✔	✔
Service valve and solenoid valve (Hot gas line)	X	✔

ELECTRICAL ACCESSORIES	CONFIGURATION C	CONFIGURATION 2
Adjustable high and low pressure switch	✔	✔
Metallic electric box	✔	✔
Condensation control by controller (on/off) 2 VENT - 50/100% 3 VENT - 33/66/100%	✔	X
Condensation control by inverter 0 TO 100%	X	✔
Controller	✔	✔
Crankcase heater	✔	✔
Capacity control	✔	✔
Axial motor inverter	X	✔

CAPACITY DATA

DORIN SEMI HERMETIC - R-404A/R-507/ R-134A - 60 HZ [KCAL/H]

MODEL	AMBIENT TEMPERATURE		EVAPORATION TEMPERATURE [°C] MEDIUM-LOW																
			R-404A/R-507									R-134A							
	°C		5	0	-5	-10	-15	-20	-25	-30	-35	10	5	0	-5	-10	-15	-20	-25
2 COMPRESSORS																			
U*HMB4120	32	Q	45,670	38,718	32,422	26,812	21,800	17,420	13,645	10,415	8,677	36,447	30,280	24,767	19,898	15,689	12,123	9,149	6,754
		P	16.41	15.12	13.85	12.57	11.29	10.02	8.73	7.53	8.59	9.15	8.44	7.74	7.06	6.4	5.77	5.14	4.55
	35	Q	43,479	36,780	30,735	25,365	20,583	16,414	12,817	9,752	7,860	35,145	29,156	23,810	19,098	15,028	11,579	8,706	6,389
		P	17.03	15.61	14.21	12.81	11.44	10.10	8.77	7.53	7.91	9.52	8.75	8	7.27	6.57	5.89	5.23	4.6
	38	Q	41,284	34,842	29,054	23,925	19,374	15,415	11,997	9,097	7,053	33,847	28,036	22,859	18,303	14,372	11,040	8,268	6,029
		P	17.66	16.09	14.56	13.06	11.59	10.18	8.81	7.52	7.25	9.87	9.05	8.26	7.48	6.74	6.01	5.31	4.64
	43	Q	37,507	31,661	26,415	21,761	17,632	14,030	10,901	8,248	6,041	31,787	26,337	21,474	17,192	13,488	10,336	7,712	5,584
		P	18.73	16.88	15.11	13.42	11.81	10.28	8.86	7.52	6.41	10.44	9.52	8.64	7.78	6.96	6.17	5.41	4.69
U*HMB4140	32	Q	51,688	44,070	37,128	30,878	25,260	20,297	15,987	12,259	10,248	41,829	34,707	28,325	22,713	17,873	13,789	10,397	7,680
		P	19.68	18.01	16.39	14.82	13.29	11.80	10.30	8.93	10.09	11.14	10.18	9.29	8.44	7.63	6.85	6.1	5.37
	35	Q	49,112	41,793	35,146	29,180	23,834	19,120	15,024	11,493	9,285	40,314	33,402	27,223	21,797	17,124	13,182	9,913	7,293
		P	20.36	18.55	16.81	15.13	13.50	11.93	10.37	8.95	9.30	11.59	10.57	9.61	8.71	7.84	7.01	6.2	5.43
	38	Q	46,525	39,513	33,166	27,488	22,414	17,951	14,069	10,735	8,333	38,799	32,100	26,126	20,888	16,382	12,581	9,433	6,910
		P	21.05	19.09	17.22	15.43	13.70	12.05	10.45	8.97	8.52	12.04	10.95	9.93	8.97	8.05	7.16	6.31	5.48
	43	Q	41,879	35,611	29,934	24,850	20,297	16,279	12,757	9,730	7,118	36,292	30,046	24,474	19,577	15,354	11,779	8,815	6,429
		P	22.27	20.02	17.90	15.91	14.01	12.23	10.56	9.00	7.52	12.78	11.56	10.42	9.35	8.33	7.37	6.44	5.54
3 COMPRESSORS																			
U*HMB4180	32	Q	68,508	58,091	48,654	40,245	32,728	26,158	20,494	15,645	13,044	54,687	45,441	37,173	29,869	23,554	18,203	13,740	10,145
		P	24.61	22.68	20.78	18.85	16.93	15.03	13.1	11.29	12.91	13.73	12.65	11.61	10.59	9.6	8.65	7.71	6.83
	35	Q	65,234	55,187	46,122	38,067	30,893	24,637	19,241	14,641	11,805	52,733	43,749	35,729	28,660	22,553	17,378	13,068	9,591
		P	25.54	23.4	21.31	19.22	17.16	15.15	13.15	11.29	11.88	14.27	13.11	12	10.91	9.85	8.83	7.84	6.89
	38	Q	61,961	52,291	43,602	35,904	29,073	23,131	18,002	13,649	10,584	50,786	42,067	34,298	27,462	21,563	16,563	12,404	9,045
		P	26.47	24.12	21.83	19.58	17.39	15.26	13.21	11.28	10.87	14.81	13.58	12.39	11.22	10.1	9.02	7.96	6.95
	43	Q	56,288	47,515	39,641	32,656	26,459	21,053	16,358	12,377	9,067	47,695	39,517	32,220	25,795	20,237	15,508	11,572	8,378
		P	28.09	25.31	22.66	20.13	17.72	15.42	13.28	11.28	9.62	15.66	14.28	12.95	11.67	10.44	9.26	8.12	7.03
U*HMB4210	32	Q	77,518	66,108	55,708	46,340	37,917	30,473	24,007	18,413	15,403	62,755	52,079	42,509	34,091	26,830	20,703	15,613	11,535
		P	29.53	27.02	24.59	22.23	19.93	17.7	15.44	13.39	15.16	16.71	15.26	13.93	12.66	11.45	10.28	9.15	8.06
	35	Q	73,680	62,706	52,738	43,790	35,770	28,697	22,552	17,253	13,945	60,486	50,118	40,850	32,710	25,699	19,784	14,878	10,947
		P	30.54	27.82	25.21	22.68	20.24	17.89	15.56	13.42	13.96	17.38	15.84	14.41	13.05	11.76	10.51	9.3	8.14
	38	Q	69,834	59,305	49,777	41,253	33,637	26,938	21,111	16,107	12,506	58,221	48,166	39,201	31,340	24,579	18,875	14,153	10,366
		P	31.56	28.63	25.83	23.14	20.55	18.08	15.68	13.46	12.78	18.05	16.42	14.9	13.45	12.07	10.74	9.46	8.22
	43	Q	62,854	53,445	44,925	37,292	30,459	24,430	19,143	14,600	10,684	54,455	45,083	36,722	29,373	23,037	17,673	13,225	9,646
		P	33.4	30.02	26.85	23.86	21.02	18.35	15.83	13.5	11.28	19.16	17.33	15.63	14.02	12.5	11.05	9.65	8.31
U*HMB4270	32	Q	86,089	73,769	62,461	52,201	42,906	34,629	27,391	21,071	17,636	71,681	59,911	49,318	39,930	31,741	24,775	18,927	14,157
		P	34.80	31.75	28.85	26.04	23.31	20.67	18.03	15.56	17.12	20.93	18.94	17.07	15.32	13.65	12.07	10.57	9.22
	35	Q	81,642	69,831	59,026	49,259	40,435	32,596	25,732	19,764	15,975	69,131	57,681	47,397	38,298	30,368	23,622	17,965	13,350
		P	35.88	32.63	29.54	26.55	23.67	20.89	18.17	15.59	15.77	21.65	19.49	17.49	15.61	13.85	12.2	10.65	9.28
	38	Q	77,176	65,886	55,596	46,327	37,977	30,578	24,088	18,472	14,336	66,579	55,456	45,486	36,677	29,007	22,481	17,015	12,554
		P	36.97	33.52	30.23	27.06	24.02	21.11	18.30	15.62	14.43	22.37	20.05	17.9	15.91	14.05	12.33	10.74	9.34
	43	Q	68,723	58,805	49,749	41,577	34,188	27,610	21,778	16,731	12,224	62,115	51,776	42,490	34,264	27,074	20,932	15,773	11,548
		P	39.04	35.10	31.40	27.89	24.57	21.44	18.50	15.67	12.71	23.64	20.97	18.56	16.35	14.34	12.51	10.85	9.41
U*HMB4360	32	Q	107,046	92,840	79,346	66,927	55,504	45,195	36,060	27,953	23,195	92,363	77,569	64,117	52,071	41,491	32,357	24,663	18,337
		P	47.02	42.55	38.46	34.63	31.01	27.56	24.27	21.11	23.32	27.63	25.29	23.01	20.74	18.51	16.3	14.16	12.15
	35	Q	101,349	87,896	75,055	63,264	52,428	42,653	33,950	26,251	20,986	88,690	74,382	61,401	49,792	39,598	30,798	23,384	17,284
		P	48.46	43.74	39.45	35.43	31.63	28.03	24.6	21.32	21.51	28.48	25.99	23.56	21.17	18.83	16.54	14.34	12.27
	38	Q	N/A	83,011	70,813	59,640	49,382	40,136	31,860	24,564	18,800	85,059	71,229	58,713	47,536	37,723	29,253	22,116	16,240
		P	N/A	44.92	40.43	36.22	32.25	28.49	24.92	21.52	19.72	29.32	26.67	24.1	21.59	19.15	16.78	14.51	12.4
	43	Q	N/A	73,786	63,221	53,489	44,476	36,282	28,814	22,219	15,919	78,424	65,790	54,330	44,052	34,974	27,096	20,423	14,900
		P	N/A	47.15	42.18	37.56	33.25	29.2	25.4	21.81	17.36	30.86	27.85	24.98	22.24	19.62	17.11	14.75	12.57
U*HMB4450	32	Q	122,221	106,848	92,328	78,807	66,167	54,596	44,079	34,666	28,560	105,911	88,793	73,269	59,396	47,218	36,725	27,859	20,547
		P	55.27	50.36	45.6	40.98	36.48	32.11	27.87	23.9	25.75	30.13	27.3	24.63	22.07	19.59	17.24	14.96	12.81
	35	Q	115,697	101,049	87,231	74,373	62,357	51,352	41,338	32,360	25,784	101,926	85,337	70,318	56,910	45,139	34,990	26,413	19,325
		P	56.9	51.62	46.55	41.65	36.94	32.4	28.05	24.01	23.76	31.17	28.15	25.29	22.57	19.95	17.48	15.1	12.87
	38	Q	109,168	95,246	82,129	69,935	58,542	48,104	38,594	30,050	23,010	97,933	81,874	67,362	54,419	43,056	33,252	24,963	18,100
		P	58.54	52.88	47.49	42.33	37.39	32.69	28.24	24.12	21.78	32.21	28.99	25.95	23.06	20.31	17.71	15.24	12.93
	43	Q	N/A	85,574	72,974	62,360	52,352	43,089	34,560	26,810	19,327	90,652	75,911	62,548	50,577	40,006	30,827	23,028	16,529
		P	N/A	54.99	49.19	43.49	38.13	33.13	28.51	24.27	19.14	34.11	30.45	27.02	23.83	20.83	18.04	15.43	13.01
U*HMB4660	32	Q	148,979	130,015	112,265	95,811	80,513	66,539	53,881	42,546	34,789	129,525	109,315	90,768	74,008	59,103	46,172	35,130	26,033
		P	77.97	69.55	61.92	54.93	48.49	42.47	36.87	31.66	32.76	42.6	37.9	33.64	29.77	26.21	22.94	19.91	17.09
	35	Q	139,537	122,662	105,787	90,174	75,680	62,454	50,451	39,711	31,410	124,423	104,885	86,981	70,814	56,443	43,961	33,304	24,506
		P	79.34	71.33	63.32	56	49.28	43.04	37.27	31.94	30.25	43.85	38.89	34.4	30.33	26.61	23.2	20.06	17.17
	38	Q	N/A	115,309	99,305	84,532	70,842	58,364	47,017	36,872	28,036	119,313	100,448	83,188	67,616	53,779	41,745	31,475	22,975
		P	N/A	73.1	64.71	57.07	50.07	43.61	37.68	32.22	27.75	45.1	39.88	35.16	30.9	27	23.45	20.21	17.25
	43	Q	N/A	N/A	N/A	74,108	62,398	51,615	41,655	32,670	23,387	N/A	92,159	76,531	62,336	49,634	38,487	28,922	20,937
		P	N/A	N/A	N/A	59.05	51.45	44.55	38.3	32.63	24.31	N/A	41.73	36.5	31.83	27.61	23.83	20.41	17.36

CAPACITY DATA								
COPELAND SEMI HERMETIC - R-404A/R-507 - 60HZ [KCAL/H]								
MODEL	AMBIENT TEMPERATURE		EVAPORATION TEMPERATURE [°C] MEDIUM-LOW					
	°C		5	0	-5	-10	-15	-20
3 COMPRESSORS								
U*HMB4360	32°C	Q	93,676	84,429	73,548	62,536	52,089	42,613
		P	80.67	52.65	36.87	27.98	22.93	19.82
	35°C	Q	84,822	77,817	68,470	58,611	49,019	40,132
		P	102.14	67.93	47.84	35.82	28.44	23.61
	38°C	Q	N/A	71,247	63,428	54,715	45,972	37,670
		P	N/A	83.11	58.74	43.60	33.91	27.37
	43°C	Q	N/A	N/A	55,025	47,770	40,949	33,875
		P	N/A	N/A	76.90	57.48	42.93	33.17
U*HMB4450	32°C	Q	129,771	112,260	96,383	81,385	68,181	56,069
		P	56.57	51.57	46.82	42.54	38.44	34.62
	35°C	Q	122,796	106,286	91,388	77,225	64,681	53,181
		P	58.30	53.04	48.06	43.59	39.30	35.30
	38°C	Q	115,816	100,307	86,386	73,058	61,176	50,288
		P	60.02	54.51	49.29	44.65	40.16	35.99
	43°C	Q	N/A	N/A	77,230	65,798	55,362	45,716
		P	N/A	N/A	51.56	46.49	41.58	37.08

Q = Capacity (Kcal/h) / P = Consumed power (kW) / N/A = Not applicable
Capacities are based on the following conditions:
- Capacity at 60Hz (if 50Hz, multiply it by 0.83)
- Suction temperature: 18.3°C / Subcooling: 3.2°C
- To obtain the capacity in BTU/h, multiply it by 3,9683 and in kW divide it by 860

CAPACITY DATA

BITZER SEMI HERMETIC - R-404A/R-507 - 60 HZ [KCAL/H]

MODEL	AMBIENT TEMPERATURE		EVAPORATION TEMPERATURE [°C] MEDIUM-LOW																
			R-404A/R-507									R-134A							
	°C		5	0	-5	-10	-15	-20	-25	-30	-35	10	5	0	-5	-10	-15	-20	-25
2 COMPRESSORS																			
U*HMB4100	32	Q	36,754	30,919	25,730	21,165	17,192	13,768	10,844	N/A	N/A	29,375	24,193	19,675	15,781	12,456	9,646	7,296	N/A
		P	11.31	10.73	10.09	9.41	8.68	7.92	7.14	N/A	N/A	6.82	6.38	5.92	5.44	4.94	4.43	3.91	N/A
	35	Q	34,811	29,263	24,330	19,990	16,213	12,959	10,185	N/A	N/A	28,247	23,233	18,864	15,100	11,887	9,175	6,909	N/A
		P	11.67	11.03	10.34	9.60	8.82	8.02	7.19	N/A	N/A	7.1	6.6	6.08	5.55	5	4.45	3.91	N/A
	38	Q	32,873	27,614	22,939	18,824	15,242	12,158	9,532	N/A	N/A	27,124	22,280	18,060	14,425	11,325	8,709	6,527	N/A
		P	12.02	11.33	10.59	9.80	8.97	8.11	7.24	N/A	N/A	7.37	6.81	6.24	5.65	5.07	4.48	3.9	N/A
	43	Q	29,809	25,102	20,894	17,168	13,908	11,091	8,686	N/A	N/A	25,449	20,912	16,947	13,523	10,595	8,121	6,056	N/A
		P	12.59	11.79	10.95	10.07	9.16	8.24	7.31	N/A	N/A	7.78	7.12	6.46	5.8	5.15	4.51	3.89	N/A
U*HMB4120	32	Q	44,209	37,327	31,162	25,701	20,913	16,760	13,194	10,165	N/A	35,947	29,969	24,701	20,107	16,137	12,734	9,841	N/A
		P	14.89	13.96	12.98	11.97	10.93	9.87	8.80	7.72	N/A	8.85	8.26	7.66	7.05	6.43	5.80	5.17	N/A
	35	Q	41,878	35,327	29,460	24,264	19,709	15,761	12,376	9,507	N/A	34,629	28,841	23,742	19,296	15,454	12,163	9,367	N/A
		P	15.37	14.35	13.30	12.22	11.11	9.98	8.85	7.72	N/A	9.25	8.58	7.91	7.24	6.56	5.89	5.22	N/A
	38	Q	39,546	33,330	27,765	22,834	18,513	14,771	11,567	8,857	N/A	33,314	27,717	22,789	18,491	14,777	11,597	8,899	N/A
		P	15.84	14.75	13.62	12.46	11.28	10.09	8.90	7.72	N/A	9.64	8.90	8.16	7.43	6.70	5.98	5.27	N/A
	43	Q	35,628	30,113	25,144	20,711	16,803	13,404	10,487	8,016	N/A	31,239	26,018	21,403	17,363	13,862	10,856	8,303	N/A
		P	16.64	15.38	14.11	12.82	11.53	10.24	8.97	7.72	N/A	10.25	9.38	8.52	7.69	6.88	6.09	5.34	N/A
U*HMB4140	32	Q	49,943	42,319	35,473	29,386	24,028	19,359	15,329	11,885	10,386	42,132	34,990	28,692	23,205	18,480	14,453	11,059	N/A
		P	17.60	16.42	15.23	14.00	12.76	11.51	10.26	9.02	10.79	10.68	9.88	9.08	8.30	7.52	6.74	5.98	N/A
	35	Q	47,386	40,108	33,577	27,773	22,668	18,224	14,396	11,133	9,226	40,516	33,615	27,532	22,232	17,668	13,780	10,505	N/A
		P	18.17	16.91	15.62	14.32	13.00	11.68	10.36	9.07	9.64	11.09	10.21	9.34	8.49	7.64	6.81	6.00	N/A
	38	Q	44,822	37,895	31,685	26,167	21,315	17,098	13,471	10,389	8,081	38,900	32,244	26,377	21,265	16,862	13,112	9,958	N/A
		P	18.74	17.39	16.02	14.63	13.24	11.85	10.47	9.12	8.50	11.50	10.54	9.60	8.67	7.77	6.88	6.02	N/A
	43	Q	40,317	34,179	28,644	23,693	19,317	15,497	12,204	9,404	6,632	36,235	30,088	24,641	19,871	15,747	12,222	9,250	N/A
		P	19.74	18.19	16.65	15.11	13.59	12.09	10.61	9.18	7.06	12.19	11.06	9.98	8.94	7.94	6.98	6.06	N/A
3 COMPRESSORS																			
U*HMB4180	32	Q	66,321	56,009	46,768	38,579	31,398	25,168	19,817	15,270	N/A	53,939	44,974	37,074	30,182	24,226	19,120	14,779	N/A
		P	22.33	20.93	19.47	17.95	16.39	14.80	13.19	11.58	N/A	13.28	12.39	11.49	10.57	9.64	8.7	7.76	N/A
	35	Q	62,835	53,010	44,211	36,415	29,581	23,659	18,579	14,273	N/A	51,959	43,276	35,627	28,957	23,193	18,255	14,060	N/A
		P	23.05	21.52	19.95	18.32	16.66	14.97	13.27	11.59	N/A	13.87	12.87	11.87	10.86	9.84	8.83	7.83	N/A
	38	Q	59,355	50,021	41,667	34,267	27,781	22,164	17,356	13,290	N/A	49,988	41,588	34,192	27,743	22,171	17,400	13,351	N/A
		P	23.76	22.11	20.42	18.69	16.92	15.13	13.35	11.59	N/A	14.45	13.34	12.24	11.14	10.05	8.96	7.91	N/A
	43	Q	53,471	45,192	37,733	31,081	25,216	20,115	15,736	12,029	N/A	46,873	39,038	32,113	26,052	20,799	16,289	12,457	N/A
		P	24.95	23.07	21.16	19.23	17.29	15.36	13.45	11.59	N/A	15.38	14.06	12.78	11.53	10.32	9.14	8.01	N/A
U*HMB4210	32	Q	74,907	63,487	53,228	44,103	36,069	29,067	23,020	17,852	15,617	63,210	52,503	43,060	34,831	27,743	21,701	16,607	N/A
		P	26.40	24.64	22.84	21.00	19.14	17.26	15.38	13.52	16.23	16.01	14.81	13.62	12.45	11.27	10.11	8.96	N/A
	35	Q	71,094	60,179	50,385	41,679	34,020	27,354	21,609	16,714	13,860	60,788	50,439	41,313	33,363	26,515	20,682	15,768	N/A
		P	27.25	25.35	23.43	21.47	19.50	17.52	15.54	13.60	14.48	16.63	15.31	14.01	12.73	11.46	10.22	9	N/A
	38	Q	67,276	56,876	47,553	39,269	31,987	25,657	20,214	15,588	12,128	58,372	48,383	39,578	31,906	25,300	19,673	14,940	N/A
		P	28.10	26.07	24.02	21.94	19.85	17.77	15.70	13.67	12.76	17.25	15.8	14.39	13.01	11.65	10.32	9.04	N/A
	43	Q	60,509	51,295	42,987	35,557	28,988	23,255	18,314	14,111	9,956	54,372	45,147	36,973	29,816	23,627	18,338	13,880	N/A
		P	29.60	27.28	24.97	22.67	20.38	18.13	15.92	13.77	10.59	18.27	16.58	14.97	13.41	11.91	10.46	9.08	N/A
U*HMB4270	32	Q	88,580	75,351	63,394	52,687	43,196	34,869	27,635	N/A	N/A	74,995	62,653	51,684	42,064	33,723	26,572	20,511	15,437
		P	35.27	32.38	29.59	26.85	24.16	21.53	18.95	N/A	N/A	20.31	18.61	16.99	15.42	13.9	12.42	10.99	9.62
	35	Q	84,103	71,440	60,011	49,784	40,728	32,796	25,922	N/A	N/A	72,139	60,216	49,621	40,329	32,272	25,367	19,519	14,630
		P	36.39	33.32	30.35	27.44	24.61	21.84	19.14	N/A	N/A	21.12	19.27	17.51	15.82	14.18	12.61	11.1	9.66
	38	Q	79,604	67,521	56,629	46,889	38,273	30,738	24,225	N/A	N/A	69,281	57,783	47,568	38,605	30,833	24,173	18,538	13,833
		P	37.52	34.26	31.11	28.04	25.05	22.14	19.32	N/A	N/A	21.93	19.93	18.03	16.21	14.46	12.79	11.2	9.69
	43	Q	72,105	60,417	50,815	42,165	34,463	27,695	21,827	N/A	N/A	64,242	53,724	44,316	36,009	28,766	22,533	17,241	12,816
		P	39.40	35.96	32.41	29.01	25.74	22.59	19.58	N/A	N/A	23.35	21.02	18.85	16.8	14.87	13.05	11.33	9.74
U*HMB4300	32	Q	91,897	78,104	65,551	54,248	44,189	35,342	27,649	21,038	N/A	78,068	65,074	53,519	43,350	34,485	26,829	20,289	14,767
		P	35.51	32.29	29.22	26.26	23.39	20.60	17.90	15.31	N/A	20.43	18.88	17.29	15.66	13.99	12.30	10.60	8.95
	35	Q	86,993	73,828	61,860	51,091	41,518	33,111	25,819	19,573	N/A	74,990	62,417	51,251	41,433	32,885	25,514	19,230	13,939
		P	36.52	33.12	29.87	26.75	23.74	20.82	18.01	15.32	N/A	21.18	19.45	17.71	15.95	14.16	12.38	10.62	8.93
	38	Q	82,064	69,543	58,172	47,945	38,861	30,897	24,007	18,124	N/A	71,908	59,765	48,991	39,528	31,298	24,213	18,184	13,123
		P	37.54	33.94	30.52	27.24	24.09	21.04	18.11	15.33	N/A	21.92	20.02	18.12	16.23	14.33	12.46	10.64	8.90
	43	Q	73,849	61,753	51,825	42,816	34,753	27,643	21,468	16,183	N/A	66,430	55,309	45,397	36,654	29,020	22,429	16,810	12,091
		P	39.23	35.44	31.64	28.04	24.62	21.36	18.26	15.34	N/A	23.24	20.97	18.78	16.65	14.57	12.57	10.66	8.87
U*HMB4360	32	Q	108,130	92,301	77,832	64,743	53,043	42,713	33,693	25,912	19,291	92,752	77,573	64,031	52,075	41,623	32,574	24,821	N/A
		P	44.37	40.25	36.33	32.57	28.95	25.47	22.12	18.93	15.94	25.44	23.32	21.23	19.14	17.05	14.97	12.93	N/A
	35	Q	102,283	87,199	73,423	60,969	49,845	40,037	31,493	24,144	17,913	89,098	74,424	61,346	49,811	39,736	31,025	23,574	N/A
		P	45.69	41.35	37.22	33.27	29.48	25.84	22.36	19.06	15.98	26.42	24.08	21.8	19.54	17.31	15.13	13.02	N/A
	38	Q	96,511	82,158	69,065	57,235	46,680	37,388	29,314	22,393	16,547	85,484	71,309	58,689	47,568	37,866	29,489	22,338	N/A
		P	46.99	42.43	38.10	33.96	30.00	26.21	22.60	19.19	16.01	27.39	24.83	22.36	19.94	17.58	15.29	13.11	N/A
	43	Q	N/A	72,752	61,384	51,016	41,687	33,421	26,209	20,010	14,766	78,905	65,963	54,383	44,128	35,141	27,356	20,696	N/A
		P	N/A	44.46	39.66	35.12	30.82	26.76	22.94	19.36	16.07	29.16	26.12	23.27	20.55	17.96	15.52	13.23	N/A
U*HMB4450	32	Q	122,765	104,670	88,092	73,063	59,609	47,712	37,320	28,356	N/A	105,996	88,533	72,929	59,132	47,052	36,581	27,602	20,000
		P	50.58	45.72	41.11	36.72	32.50	28.45	24.56	20.86	N/A	28.94	26.5	24.08	21.66	19.25	16.84	14.48	12.22
	35	Q	115,882	98,676	82,925	68,653	55,886	44,612	34,786	26,336	N/A	101,637	84,774	69,721	56,423	44,791	34,723	26,106	18,831
		P	51.97	46.84	41.98	37.35	32.92	28.68	24.63	20.80	N/A	29.99	27.29	24.65	22.04	19.46	16.93	14.47	12.15
	38	Q	108,998	92,678	77,755	64,238	52,158	41,508	32,249	24,312	N/A	97,272	81,009	66,508	53,709	42,526	32,862	24,607	17,659
		P	53.37	47.96	42.85	37.99	33.35	28.92	24.71	20.73	N/A	31.04	28.09	25.22	22.41	19.67	17.02	14.47	12.09
	43	Q	N/A	81,608	68,726	56,941	46,318	36,891	28,656	21,576	N/A	89,370	74,576	61,316	49,553	39,230	30,280	22,619	16,165
		P	N/A	50.04	44.38	39.05	34.02	29.27	24.81	20.64	N/A	32.94	29.44	26.14	22.99	19.99	17.13	14.46	12
U*HMB4660	32	Q	142,203	126,033	110,034	94,581	79,944	66,306	53,790	42,467	32,373	131,791	111,681	93,366	76,866	62,154	49,161	37,798	N/A
		P	70.03	63.12	56.62	50.53	44.82	39.46	34.43	29.69	25.25	40.13	36.43	32.92	29.57	26.36	23.3	20.4	N/A
	35	Q	133,698	118,671	103,692	89,151	75,327	62,418	50,551	39,805	30,221	126,441	107,039	89,369	73,447	59,250	46,715	35,762	N/A
		P	71.80	64.59	57.79	51.40	45.41	39.79	34.51	29.55	24.91	41.56	37.6	33.84	30.26	26.85	23.59	20.51	N/A
	38	Q	N/A	111,307	97,347	83,717	70,707	58,526	47,308	37,140	28,066	121,082	102,388	85,366	70,023	56,341	44,265	33,723	N/A
		P	N/A	66.06	58.96	52.28	46.00	40.11	34.58	29.41	24.57	43	38.78	34.77	30.96	27.33	23.88	20.63	N/A
	43	Q	N/A	N/A	N/A	73,820	62,734	52,167	42,293	33,234	25,069	N/A	94,638	78,302	64,327	51,773	40,626	30,849	N/A
		P	N/A	N/A	N/A	53.87	47.02	40.64	34.71	29.20	24.10	N/A	40.73	36.41	32.12	28.09	24.31	20.79	N/A

CAPACITY DATA

COPELAND SCROLL - R-404A/R-507/ R-134A - 60HZ [KCAL/H]

MODEL	AMBIENT TEMPERATURE		EVAPORATION TEMPERATURE [°C] MEDIUM TEMPERATURE													
			R-404A/R-507							R-134						
	°C		5	0	-5	-10	-15	-20	-25	15	10	5	0	-5	-10	-15
2 COMPRESSORS																
U*CMB4120	32	Q	43,120	37,277	31,848	26,156	21,665	17,733	N/A	39,622	33,805	28,513	23,875	19,710	16,072	13,010
		P	12.75	12.36	11.95	11.59	11.26	11.02	N/A	8.21	7.79	7.41	7.1	6.79	6.63	6.55
	35	Q	40,434	34,902	29,768	24,839	20,556	16,807	N/A	38,378	32,745	27,633	23,129	19,101	15,582	12,602
		P	13.57	13.20	12.80	12.45	12.10	11.84	N/A	8.75	8.34	7.97	7.67	7.37	7.18	7.04
	38	Q	37,749	32,532	27,695	23,526	19,453	15,887	N/A	37,134	31,688	26,756	22,388	18,495	15,096	12,197
		P	14.40	14.03	13.66	13.31	12.93	12.65	N/A	9.28	8.88	8.53	8.23	7.95	7.73	7.54
	43	Q	33,326	28,750	24,488	21,540	17,832	N/A	N/A	35,120	30,037	25,433	21,306	17,638	14,427	N/A
		P	15.75	15.37	14.98	14.61	14.17	N/A	N/A	10.14	9.74	9.37	9.05	8.77	8.49	N/A
U*CMB4140	32	Q	47,696	40,623	34,620	29,039	24,190	19,911	N/A	46,445	39,580	33,236	27,495	22,386	17,911	14,127
		P	13.93	15.23	14.37	13.58	12.77	11.95	N/A	9.73	9.22	8.79	8.39	8.04	7.78	7.58
	35	Q	46,071	38,677	32,926	27,669	23,075	19,011	N/A	45,161	38,447	32,237	26,626	21,630	17,270	13,571
		P	10.16	16.04	15.17	14.32	13.46	12.59	N/A	10.33	9.83	9.39	9	8.63	8.33	8.07
	38	Q	44,454	36,729	31,234	26,302	21,965	18,111	N/A	43,874	37,314	31,240	25,761	20,878	16,633	13,021
		P	6.42	16.85	15.96	15.06	14.15	13.22	N/A	10.93	10.43	9.99	9.6	9.23	8.88	8.56
	43	Q	41,891	33,467	28,503	24,172	20,114	N/A	N/A	41,677	35,459	29,676	24,455	19,786	15,739	N/A
		P	0.49	18.21	17.24	16.21	15.30	N/A	N/A	11.95	11.42	10.94	10.52	10.09	9.65	N/A
3 COMPRESSORS																
U*CMB4180	32	Q	64,695	55,940	47,803	39,259	32,523	26,625	N/A	59,447	50,724	42,788	35,830	29,582	24,123	19,528
		P	19.11	18.53	17.91	17.37	16.86	16.5	N/A	12.31	11.67	11.10	10.64	10.17	9.93	9.80
	35	Q	60,674	52,378	44,677	37,275	30,851	25,226	N/A	57,579	49,130	41,462	34,705	28,661	23,382	18,910
		P	20.35	19.79	19.19	18.67	18.13	17.74	N/A	13.11	12.50	11.95	11.49	11.05	10.77	10.56
	38	Q	56,662	48,830	41,567	35,304	29,191	23,839	N/A	55,718	47,544	40,143	33,589	27,748	22,648	18,299
		P	21.58	21.04	20.47	19.95	19.39	18.97	N/A	13.91	13.32	12.79	12.34	11.92	11.60	11.30
	43	Q	50,021	43,152	36,754	32,323	26,758	N/A	N/A	52,694	45,066	38,158	31,965	26,463	21,645	N/A
		P	23.62	23.04	22.46	21.9	21.24	N/A	N/A	15.20	14.61	14.06	13.57	13.15	12.73	N/A
U*CMB4210	32	Q	71,546	60,946	51,948	43,580	36,308	29,889	N/A	69,673	59,382	49,870	41,261	33,598	26,885	21,207
		P	20.9	22.84	21.55	20.36	19.14	17.9	N/A	14.59	13.83	13.17	12.57	12.04	11.66	11.36
	35	Q	69,119	58,032	49,406	41,520	34,628	28,530	N/A	67,751	57,682	48,368	39,951	32,457	25,915	20,367
		P	15.28	24.05	22.74	21.48	20.18	18.87	N/A	15.49	14.73	14.08	13.48	12.94	12.49	12.10
	38	Q	66,704	55,123	46,873	39,469	32,959	27,172	N/A	65,830	55,986	46,873	38,650	31,324	24,955	19,535
		P	9.68	25.27	23.93	22.58	21.21	19.83	N/A	16.39	15.64	14.98	14.40	13.84	13.32	12.84
	43	Q	62,854	50,225	42,774	36,273	30,177	N/A	N/A	62,531	53,202	44,524	36,691	29,686	23,615	N/A
		P	0.77	27.31	25.85	24.31	22.94	N/A	N/A	17.92	17.13	16.40	15.77	15.13	14.47	N/A
U*CMB4300	32	Q	91,202	78,562	67,184	56,987	47,783	39,440	N/A	84,524	72,398	61,407	51,332	42,357	34,375	27,622
		P	34.91	33.2	31.6	30.02	28.45	26.84	N/A	20.71	20.11	19.13	17.98	16.83	15.97	15.56
	35	Q	86,884	74,755	63,899	54,206	45,468	37,545	N/A	81,942	70,093	59,391	49,582	40,838	33,098	26,551
		P	36.66	34.95	33.35	31.74	30.1	28.4	N/A	21.82	21.25	20.31	19.17	18.04	17.13	16.60
	38	Q	82,538	70,933	60,609	51,426	43,158	35,658	N/A	79,352	67,785	57,378	47,838	39,327	31,829	25,489
		P	38.42	36.7	35.1	33.47	31.75	29.95	N/A	22.93	22.39	21.48	20.36	19.24	18.27	17.63
	43	Q	N/A	63,803	54,725	46,653	39,347	N/A	N/A	74,556	63,706	53,978	45,025	36,994	29,949	N/A
		P	N/A	39.97	38.22	36.44	34.47	N/A	N/A	25.00	24.42	23.46	22.28	21.10	19.98	N/A
U*CMB4360	32	Q	102,788	90,390	78,670	67,633	57,309	47,424	41,714	N/A	89,972	76,050	63,640	52,518	42,713	33,820
		P	44.99	43.02	41.06	39.15	37.35	35.75	34.92	N/A	26.72	25.13	23.65	22.32	21.26	20.39
	35	Q	97,184	85,466	74,317	63,764	53,953	44,522	38,913	N/A	86,889	73,363	61,307	50,487	40,939	32,275
		P	47.22	45.37	43.54	41.75	39.92	38.24	37.46	N/A	28.18	26.66	25.24	23.95	22.82	21.79
	38	Q	91,649	80,598	70,011	59,935	50,629	41,648	36,137	N/A	83,838	70,702	58,995	48,473	39,181	30,731
		P	49.42	47.7	46.01	44.32	42.46	40.7	39.98	N/A	29.62	28.17	26.81	25.56	24.36	23.19
	43	Q	N/A	72,484	62,121	53,184	45,090	N/A	N/A	N/A	78,239	66,058	55,150	45,275	36,508	N/A
		P	N/A	51.57	50.52	48.86	46.69	N/A	N/A	N/A	32.27	30.81	29.42	28.12	26.71	N/A
U*CMB4450	32	Q	127,789	110,492	94,634	80,044	66,840	54,661	N/A	125,598	107,200	90,598	75,711	62,240	50,277	39,424
		P	56.32	53.68	50.95	48.28	45.76	43.39	N/A	34.95	32.62	30.61	28.83	27.24	25.96	24.94
	35	Q	121,289	104,605	89,350	75,321	62,677	51,038	N/A	121,492	103,581	87,382	72,907	59,802	48,192	37,719
		P	58.93	56.4	53.81	51.24	48.62	46.2	N/A	36.6	34.33	32.4	30.7	29.17	27.84	26.61
	38	Q	114,779	98,707	84,054	70,586	58,502	47,404	N/A	117,376	99,952	84,158	70,094	57,356	46,099	36,013
		P	61.53	59.13	56.67	54.21	51.48	49.02	N/A	38.26	36.04	34.19	32.57	31.11	29.73	28.29
	43	Q	N/A	N/A	74,169	62,124	51,545	N/A	N/A	N/A	93,185	78,442	65,341	53,409	42,869	N/A
		P	N/A	N/A	62.01	59.51	56.24	N/A	N/A	N/A	39.24	37.36	35.74	34.25	32.65	N/A

Q = Capacity (Kcal/h) / P = Consumed power (kW) / N/A = Not applicable
Capacities are based on the following conditions:
- Capacity at 60Hz (if 50Hz, multiply it by 0.83)
- Suction temperature: 18.3°C / Subcooling: 3.2°C
- To obtain the capacity in BTU/h, multiply it by 3,9683 and in kW divide it by 860

CAPACITY DATA

BITZER SEMI HERMETIC - R-404A/R-507 - 60HZ [KCAL/H]

MODEL	AMBIENT TEMPERATURE		EVAPORATION TEMPERATURE [°C] LOW								
	°C		-5	-10	-15	-20	-25	-30	-35	-40	-45
2 COMPRESSORS											
U*HB04100	32	Q	36,300	30,100	24,633	19,864	15,741	12,215	9,232	6,746	5,550
		P	16.17	14.79	13.41	12.03	10.66	9.32	8.02	6.78	8.01
	35	Q	34,348	28,440	23,233	18,696	14,781	11,440	8,624	6,284	4,930
		P	16.62	15.14	13.67	12.21	10.78	9.37	8.02	6.74	7.15
	38	Q	32,399	26,785	21,841	17,536	13,828	10,674	8,022	5,829	4,318
		P	17.06	15.49	13.93	12.40	10.89	9.43	8.02	6.70	6.30
	43	Q	29,233	24,215	19,767	15,876	12,517	9,654	7,248	5,259	3,575
		P	17.79	16.04	14.33	12.66	11.05	9.50	8.02	6.65	5.28
U*HB04120	32	Q	42,260	35,114	28,782	23,228	18,405	14,257	10,731	7,781	6,240
		P	19.72	17.90	16.11	14.36	12.64	10.97	9.37	7.85	9.08
	35	Q	39,996	33,177	27,139	21,852	17,270	13,341	10,014	7,240	5,541
		P	20.23	18.30	16.41	14.56	12.76	11.02	9.36	7.81	8.11
	38	Q	37,729	31,242	25,502	20,483	16,143	12,434	9,304	6,705	4,851
		P	20.74	18.70	16.70	14.76	12.88	11.08	9.36	7.76	7.14
	43	Q	33,858	28,095	22,964	18,454	14,544	11,198	8,372	6,026	4,005
		P	21.61	19.34	17.16	15.06	13.06	11.15	9.36	7.70	5.97
3 COMPRESSORS											
U*HB04150	32	Q	54,466	45,173	36,977	29,824	23,639	18,347	13,869	10,136	8,349
		P	24.25	22.17	20.10	18.03	15.99	13.98	12.03	10.18	12.05
	35	Q	51,541	42,679	34,869	28,061	22,187	17,174	12,947	9,436	7,407
		P	24.92	22.70	20.50	18.31	16.16	14.06	12.03	10.11	10.75
	38	Q	48,625	40,198	32,776	26,314	20,750	16,016	12,037	8,745	6,480
		P	25.59	23.23	20.90	18.59	16.33	14.14	12.03	10.05	9.46
	43	Q	43,873	36,339	29,663	23,824	18,783	14,487	10,877	7,891	5,366
		P	26.68	24.05	21.49	18.99	16.57	14.24	12.04	9.98	7.92
U*HB04180	32	Q	63,394	52,687	43,196	34,869	27,635	21,412	16,120	11,692	9,386
		P	29.59	26.85	24.16	21.53	18.95	16.45	14.05	11.78	13.66
	35	Q	60,011	49,784	40,728	32,796	25,922	20,028	15,034	10,871	8,325
		P	30.35	27.44	24.61	21.84	19.14	16.53	14.05	11.71	12.18
	38	Q	56,629	46,889	38,273	30,738	24,225	18,658	13,961	10,061	7,280
		P	31.11	28.04	25.05	22.14	19.32	16.61	14.04	11.64	10.72
	43	Q	50,815	42,165	34,463	27,695	21,827	16,804	12,563	9,043	6,012
		P	32.41	29.01	25.74	22.59	19.58	16.72	14.03	11.55	8.95
U*HB04270	32	Q	75,095	62,781	51,672	41,784	33,092	25,541	19,072	13,629	10,304
		P	38.18	33.89	29.88	26.11	22.55	19.21	16.13	13.35	15.02
	35	Q	70,785	59,082	48,529	39,146	30,913	23,782	17,693	12,588	9,130
		P	39.14	34.63	30.43	26.48	22.78	19.32	16.13	13.25	13.39
	38	Q	66,463	55,385	45,395	36,522	28,752	22,041	16,330	11,561	7,973
		P	40.10	35.37	30.98	26.86	23.01	19.42	16.12	13.15	11.78
	43	Q	58,531	48,982	40,269	32,462	25,580	19,611	14,515	10,249	6,558
		P	41.87	36.65	31.87	27.45	23.35	19.57	16.11	13.02	9.82
U*HB04420	32	Q	95,729	80,681	66,910	54,492	43,452	33,768	25,401	18,310	13,768
		P	51.76	46.04	40.68	35.65	30.91	26.48	22.34	18.53	18.94
	35	Q	89,909	75,670	62,638	50,896	40,474	31,353	23,496	16,857	12,188
		P	52.75	46.76	41.14	35.86	30.90	26.26	21.95	18.00	16.86
	38	Q	84,164	70,720	58,416	47,340	37,526	28,962	21,609	15,416	10,623
		P	53.74	47.47	41.59	36.07	30.89	26.05	21.57	17.47	14.79
	43	Q	74,588	61,727	51,200	41,616	33,052	25,529	19,037	13,544	8,689
		P	55.39	48.76	42.36	36.40	30.86	25.74	21.04	16.79	12.24
U*HB04540	32	Q	120,147	102,883	86,744	71,888	58,396	46,287	35,552	26,171	20,171
		P	72.47	64.18	56.59	49.61	43.18	37.24	31.75	26.68	28.46
	35	Q	112,810	96,532	81,297	67,270	54,543	43,142	33,058	24,269	17,878
		P	74.04	65.40	57.49	50.22	43.52	37.35	31.66	26.45	25.38
	38	Q	105,472	90,177	75,846	62,649	50,686	39,992	30,560	22,365	15,587
		P	75.60	66.63	58.39	50.83	43.87	37.46	31.58	26.21	22.29
	43	Q	N/A	N/A	65,997	54,775	44,484	35,205	26,964	19,759	12,650
		P	N/A	N/A	60.02	51.86	44.42	37.63	31.46	25.89	18.34

Q = Capacity (Kcal/h) / P = Consumed power (kW) / N/A = Not applicable
Capacities are based on the following conditions:
- Capacity at 60Hz (if 50Hz, multiply it by 0.83)
- Suction temperature: 18.3°C / Subcooling: 3.2°C
- To obtain the capacity in BTU/h, multiply it by 3,9683 and in kW divide it by 860

CAPACITY DATA							
COPELAND SEMI HERMETIC - R-404A/R-507 - 60HZ [KCAL/H]							
MODEL	AMBIENT TEMPERATURE		EVAPORATION TEMPERATURE [°C] LOW				
	°C		-20	-25	-30	-35	-40
3 COMPRESSORS							
U*HB04270	32	Q	41,188	33,252	26,451	20,514	15,451
		P	24.76	22.06	19.59	17.14	14.68
	35	Q	39,102	31,545	25,022	19,275	14,267
		P	25.40	22.54	19.89	17.27	14.60
	38	Q	37,027	29,849	23,605	18,049	13,096
		P	26.03	23.02	20.19	17.40	14.53
	43	Q	N/A	27,024	21,594	16,386	11,579
		P	N/A	23.81	20.62	17.57	14.43
U*HB04420	32	Q	54,529	44,665	35,982	28,402	21,787
		P	34.52	30.70	26.86	23.18	19.73
	35	Q	51,795	42,345	34,014	26,703	20,222
		P	35.32	31.29	27.26	23.37	19.69
	38	Q	49,088	40,048	32,065	25,019	18,670
		P	36.11	31.87	27.67	23.55	19.65
	43	Q	N/A	N/A	28,815	22,653	16,595
		P	N/A	N/A	28.34	23.81	19.59
U*HB04540	32	Q	70,193	57,887	46,930	36,706	26,917
		P	47.41	42.21	37.34	32.46	27.65
	35	Q	66,185	54,426	43,979	34,245	24,828
		P	48.56	43.03	37.92	32.71	27.44
	38	Q	N/A	50,959	41,022	31,780	22,735
		P	N/A	43.85	38.50	32.96	27.23
	43	Q	N/A	N/A	N/A	28,188	19,860
		P	N/A	N/A	N/A	33.32	26.95

Q = Capacity (Kcal/h) / P = Consumed power (kW) / N/A = Not applicable
Capacities are based on the following conditions:
- Capacity at 60Hz (if 50Hz, multiply it by 0.83)
- Suction temperature: 18.3°C / Subcooling: 3.2°C
- To obtain the capacity in BTU/h, multiply it by 3,9683 and in kW divide it by 860

CAPACITY DATA										
COPELAND SCROLL - R-404A/R-507 - 60HZ [KCAL/H]										
MODEL	AMBIENT TEMPERATURE		EVAPORATION TEMPERATURE [°C] LOW							
	°C		-5	-10	-15	-20	-25	-30	-35	-40
2 COMPRESSORS										
U*CB04100	32	Q	23,983	20,135	16,706	13,735	11,160	8,974	7,109	5,548
		P	6.48	6.14	5.84	5.66	5.50	5.29	5.11	4.93
	35	Q	22,879	19,183	15,906	13,072	10,621	8,540	6,765	5,274
		P	6.93	6.61	6.32	6.12	5.94	5.72	5.52	5.31
	38	Q	21,781	18,237	15,112	12,416	10,088	8,111	6,424	5,003
		P	7.39	7.08	6.80	6.57	6.38	6.15	5.93	5.68
	43	Q	20,206	16,918	14,032	11,544	9,393	7,562	5,996	4,667
		P	8.03	7.73	7.45	7.18	6.95	6.69	6.44	6.15
U*CB04120	32	Q	27,881	23,597	19,606	16,230	13,304	10,805	8,651	6,785
		P	11.16	8.12	9.50	9.28	8.19	7.70	7.37	7.08
	35	Q	26,592	22,472	18,662	15,456	12,669	10,301	8,246	6,468
		P	11.64	8.89	9.97	9.63	8.64	8.14	7.79	7.50
	38	Q	25,309	21,352	17,724	14,688	12,040	9,803	7,845	6,154
		P	12.11	9.66	10.43	9.98	9.08	8.57	8.20	7.92
	43	Q	23,364	19,720	16,391	13,624	11,189	9,143	7,326	5,753
		P	12.83	10.78	11.08	10.47	9.68	9.15	8.74	8.45
3 COMPRESSORS										
U*CB04180	32	Q	N/A	N/A	N/A	29,878	24,407	19,649	15,594	12,190
		P	N/A	N/A	N/A	16.79	15.47	14.19	12.97	11.69
	35	Q	N/A	N/A	N/A	28,490	23,259	18,750	14,884	11,742
		P	N/A	N/A	N/A	17.53	16.13	14.76	13.49	12.04
	38	Q	N/A	N/A	N/A	27,112	22,123	17,861	14,182	11,300
		P	N/A	N/A	N/A	18.26	16.79	15.33	13.99	12.38
	43	Q	N/A	N/A	N/A	25,131	20,540	16,660	13,259	10,733
		P	N/A	N/A	N/A	19.32	17.70	16.10	14.66	12.83
U*CB04420	32	Q	N/A	N/A	N/A	54,290	45,048	36,918	29,665	23,475
		P	N/A	N/A	N/A	34.58	31.92	29.42	27.41	25.76
	35	Q	N/A	N/A	N/A	51,420	42,772	35,013	28,101	22,162
		P	N/A	N/A	N/A	36.20	33.39	30.91	28.90	27.25
	38	Q	N/A	N/A	N/A	48,578	40,517	33,125	26,549	20,859
		P	N/A	N/A	N/A	37.80	34.85	32.39	30.37	28.73
	43	Q	N/A	N/A	N/A	43,887	36,945	30,249	24,269	19,004
		P	N/A	N/A	N/A	40.44	37.16	34.65	32.54	30.84

Q = Capacity (Kcal/h) / P = Consumed power (kW) / N/A = Not applicable
Capacities are based on the following conditions:
- Capacity at 60Hz (if 50Hz, multiply it by 0.83)
- Suction temperature: 18.3°C / Subcooling: 3.2°C
- To obtain the capacity in BTU/h, multiply it by 3,9683 and in kW divide it by 860

ELECTRICAL DATA												
BITZER SEMI HERMETIC - MEDIUM/LOW TEMPERATURE												
MODEL	COMPRESSOR							FAN				
	MODEL	VOLTAGE	PHASE	FREQUENCY	MCC	RLA	LRA	VOLTAGE	PHASE	FREQUENCY	QTY.	CURRENT
		V		HZ	A	A	A	V		HZ		
2 COMPRESSORS												
U*HMB4100J*B2	4FES-5Y-20D	380	3	60	27.40	17.56	79	380	3	60/50	2	3.8
U*HMB4100T*B2	4FES-5Y-20D	220	3	60	45.40	29.10	137	220	3	60/50	2	6.6
U*HMB4100D*B2	4FES-5Y-40S	440	3	60	21.60	13.85	62	220	3	60	2	6.6
U*HMB4100F*B2	4FES-5Y-40S	380	3	50	21.60	13.85	62	380	3	60/50	2	3.8
U*HMB4120J*B2	4EES-6Y-20D	380	3	60	34.60	22.18	79	380	3	60/50	2	3.8
U*HMB4120T*B2	4EES-6Y-20D	220	3	60	57.20	36.67	137	220	3	60/50	2	6.6
U*HMB4120D*B2	4EES-6Y-40S	440	3	60	27.20	17.44	62	220	3	60	2	6.6
U*HMB4120F*B2	4EES-6Y-40S	380	3	50	27.20	17.44	62	380	3	60/50	2	3.8
U*HMB4140J*B2	4DES-7Y-20D	380	3	60	42.00	26.92	105	380	3	60/50	2	3.8
U*HMB4140T*B2	4DES-7Y-20D	220	3	60	69.40	44.49	181	220	3	60/50	2	6.6
U*HMB4140D*B2	4DES-7Y-40S	440	3	60	33.00	21.15	82	220	3	60	2	6.6
U*HMB4140F*B2	4DES-7Y-40S	380	3	50	33.00	21.15	82	380	3	60/50	2	3.8
3 COMPRESSORS												
U*HMB4180J*B3	4EES-6Y-20D	380	3	60	52	33	237	380	3	60/50	3	5.7
U*HMB4180T*B3	4EES-6Y-20D	220	3	60	85.8	55	410	220	3	60/50	3	9.9
U*HMB4180D*B3	4EES-6Y-40S	440	3	60	41	26	187	220	3	60	3	9.9
U*HMB4180F*B3	4EES-6Y-40S	380	3	50	40.8	26.15	187	380	3	60/50	3	5.7
U*HMB4210J*B3	4DES-7Y-20D	380	3	60	63	40	314	380	3	60/50	3	5.7
U*HMB4210T*B3	4DES-7Y-20D	220	3	60	104.1	66.73	544	220	3	60/50	3	9.9
U*HMB4210D*B3	4DES-7Y-40S	440	3	60	50	32	247	220	3	60	3	9.9
U*HMB4210F*B3	4DES-7Y-40S	380	3	50	49.5	31.73	247	380	3	60/50	3	5.7
U*HMB4270J*B3	4CES-9Y-20D	380	3	60	77	49	314	380	3	60/50	3	5.7
U*HMB4270T*B3	4CES-9Y-20D	220	3	60	127.5	81.73	543	220	3	60/50	3	9.9
U*HMB4270D*B3	4CES-9Y-40S	440	3	60	61	39	247	220	3	60	3	9.9
U*HMB4270F*B3	4CES-9Y-40S	380	3	50	60.6	38.85	247	380	3	60/50	3	5.7
U*HMB4300J*B3	4ES-10Y-20D	380	3	60	76	49	378	380	3	60/50	3	5.7
U*HMB4300T*B3	4ES-10Y-20D	220	3	60	125.7	80.58	624	220	3	60/50	3	9.9
U*HMB4300D*B3	4ES-10Y-40S	440	3	60	60	38	297	220	3	60	3	9.9
U*HMB4300F*B3	4ES-10Y-40S	380	3	50	59.7	38.27	297	380	3	60/50	3	5.7
U*HMB4360J*B3	4TES-12Y-20D	380	3	60	96	61	429	380	3	60/50	3	5.7
U*HMB4360T*B3	4TES-12Y-20D	220	3	60	158.4	101.54	714	220	3	60/50	3	9.9
U*HMB4360D*B3	4TES-12Y-40S	440	3	60	75	48	339	220	3	60	3	9.9
U*HMB4360F*B3	4TES-12Y-40S	380	3	50	75.3	48.27	339	380	3	60/50	3	5.7
U*HMB4450J*B3	4PES-15Y-35P	380	3	60	107	69	504	380	3	60/50	3	5.7
U*HMB4450T*B3	4PES-15Y-20P	220	3	60	178.2	114.23	834	220	3	60/50	3	9.9
U*HMB4450D*B3	4PES-15Y-40P	440	3	60	85	54	396	220	3	60	3	9.9
U*HMB4450F*B3	4PES-15Y-40P	380	3	50	84.6	54.23	396	380	3	60/50	3	5.7
U*HMB4660J*B3	4JE-22Y-35P	380	3	60	142	91	603	380	3	60/50	3	5.7
U*HMB4660T*B3	4JE-22Y-20P	220	3	60	234.9	150.58	999	220	3	60/50	3	9.9
U*HMB4660D*B3	4JE-22Y-40P	440	3	60	112	72	474	220	3	60	3	9.9
U*HMB4660F*B3	4JE-22Y-40P	380	3	50	111.6	71.54	474	380	3	60/50	3	5.7

MCC = Compressor maximum operational current - IEC
RLA = Compressor rated current = MCC/1,56; for Copeland compressor, consider MCC/1,4
LRA = Compressor blocker rotor current.
Elgin recommends using the condensation controller when the ambient temperature is equal or lower than 10°C.

ELECTRICAL DATA												
BITZER SEMI HERMETIC - LOW TEMPERATURE												
MODEL	COMPRESSOR							FAN				
	MODEL	VOLTAGE	PHASE	FREQUENCY	MCC	RLA	LRA	VOLTAGE	PHASE	FREQUENCY	QTY.	CURRENT
		V		HZ	A	A	A	V		HZ		
2 COMPRESSORS												
U*HB04100J*B2	4DES-5Y-20D	380	3	60	36.8	23.59	79	380	3	60/50	2	3.8
U*HB04100T*B2	4DES-5Y-20D	220	3	60	61.00	39.10	137	220	3	60/50	2	6.6
U*HB04100D*B2	4DES-5Y-40S	440	3	60	29.00	18.59	62	220	3	60	2	6.6
U*HB04100F*B2	4DES-5Y-40S	380	3	50	29.00	18.59	62	380	3	60/50	2	3.8
U*HB04120J*B2	4CES-6Y-20D	380	3	60	45.00	28.85	105	380	3	60/50	2	3.8
U*HB04120T*B2	4CES-6Y-20D	220	3	60	74.60	47.82	181	220	3	60/50	2	6.6
U*HB04120D*B2	4CES-6Y-40S	440	3	60	35.40	22.69	82	220	3	60	2	6.6
U*HB04120F*B2	4CES-6Y-40S	380	3	50	35.40	22.69	82	380	3	60/50	2	3.8
3 COMPRESSORS												
U*HB04150J*B3	4DES-5Y-20D	380 V	3	60	55.2	35.385	237	380	3	60/50	3	5.7
U*HB04150T*B3	4DES-5Y-20D	220 V	3	60	91.5	58.65	410	220	3	60/50	3	9.9
U*HB04150D*B3	4DES-5Y-40S	440 V	3	60	43.5	27.88	187	220	3	60	3	9.9
U*HB04150F*B3	4DES-5Y-40S	380 V	3	50	43.5	27.88	187	380	3	60/50	3	5.7
U*HB04180J*B3	4CES-6Y-20D	380 V	3	60	67.5	43.27	314	380	3	60/50	3	5.7
U*HB04180T*B3	4CES-6Y-20D	220 V	3	60	111.9	71.73	543	220	3	60/50	3	9.9
U*HB04180D*B3	4CES-6Y-40S	440 V	3	60	53.1	34.04	247	220	3	60	3	9.9
U*HB04180F*B3	4CES-6Y-40S	380 V	3	50	53.1	34.04	247	380	3	60/50	3	5.7
U*HB04270J*B3	4TES-9Y-20D	380 V	3	60	75.9	48.65	309	380	3	60/50	3	5.7
U*HB04270T*B3	4TES-9Y-20D	220 V	3	60	125.7	80.58	513	220	3	60/50	3	9.9
U*HB04270D*B3	4TES-9Y-40S	440 V	3	60	59.7	38.27	243	220	3	60	3	9.9
U*HB04270F*B3	4TES-9Y-40S	380 V	3	50	59.7	38.27	243	380	3	60/50	3	5.7
U*HB04420J*B3	4NES-14Y-20D	380 V	3	60	101.4	65.00	429	380	3	60/50	3	5.7
U*HB04420T*B3	4NES-14Y-20D	220 V	3	60	168	107.69	714	220	3	60/50	3	9.9
U*HB04420D*B3	4NES-14Y-40S	440 V	3	60	79.8	51.15	339	220	3	60	3	9.9
U*HB04420F*B3	4NES-14Y-40S	380 V	3	50	79.8	51.15	339	380	3	60/50	3	5.7
U*HB04540J*B3	4HE-18Y-35P	380 V	3	60	139.8	89.62	603	380	3	60/50	3	5.7
U*HB04540T*B3	4HE-18Y-20P	220 V	3	60	231.9	148.65	999	220	3	60/50	3	9.9
U*HB04540D*B3	4HE-18Y-40P	440 V	3	60	110.1	70.58	474	220	3	60	3	9.9
U*HB04540F*B3	4HE-18Y-40P	380 V	3	50	110.1	70.58	474	380	3	60/50	3	5.7

MCC = Compressor maximum operational current - IEC
RLA = Compressor rated current = MCC/1,56; for Copeland compressor, consider MCC/1,4
LRA = Compressor blocker rotor current.
Elgin recommends using the condensation controller when the ambient temperature is equal or lower than 10°C.

ELECTRICAL DATA

DORIN SEMI HERMETIC - MEDIUM/LOW TEMPERATURE

MODEL	COMPRESSOR							FAN				
	MODEL	VOLTAGE V	PHASE	FREQUENCY HZ	MCC A	RLA A	LRA A	VOLTAGE V	PHASE	FREQUENCY HZ	QTY.	CURRENT
2 COMPRESSORS												
U*HMB4120J*D2	H505CC	380	3	60	34.8	22.31	76	380	3	60/50	2	3.8
U*HMB4120T*D2	H505CC	220	3	60	60	38.46	131	220	3	60/50	2	6.6
U*HMB4120J*D2	H705CC	380	3	60	34.8	22.31	76	380	3	60/50	2	3.8
U*HMB4120T*D2	H705CC	220	3	60	60	38.46	131	220	3	60/50	2	6.6
3 COMPRESSORS												
U*HMB4180J*D3	H505CC	380	3	60	52.2	33.46	228	380	3	60/50	3	5.7
U*HMB4180T*D3	H505CC	220	3	60	90	57.69	393	220	3	60/50	3	9.9
U*HMB4210J*D3	H705CC	380	3	60	70.5	45.19	309	380	3	60/50	3	5.7
U*HMB4210T*D3	H705CC	220	3	60	123	78.85	537	220	3	60/50	3	9.9
U*HMB4270J*D3	H755CC	380	3	60	70.5	45.19	309	380	3	60/50	3	5.7
U*HMB4270T*D3	H755CC	220	3	60	123	78.85	537	220	3	60/50	3	9.9
U*HMB4360J*D3	H1003CC	380	3	60	82.5	52.88	330	380	3	60/50	3	5.7
U*HMB4360T*D3	H1003CC	220	3	60	144	92.31	573	220	3	60/50	3	9.9
U*HMB4450J*D3	H1501CC	380	3	60	123	78.85	615	380	3	60/50	3	5.7
U*HMB4450T*D3	H1501CC	220	3	60	213	136.54	1062	220	3	60/50	3	9.9
U*HMB4660J*D3	H2201CC	380	3	60	162	103.85	732	380	3	60/50	3	5.7

ELECTRICAL DATA

COPELAND SCROLL - MEDIUM TEMPERATURE

MODEL	COMPRESSOR							FAN				
	MODEL	VOLTAGE V	PHASE	FREQUENCY HZ	MCC A	RLA A	LRA A	VOLTAGE V	PHASE	FREQUENCY HZ	QTY.	CURRENT
2 COMPRESSORS												
U*CMB4120J*02	ZB48KQE-TF7-559	380	3	60	39.60	28.29	100	380	3	60/50	2	3.8
U*CMB4120T*02	ZB48KQE-TF5-559	220	3	60	72.80	52.00	164	220	3	60/50	2	6.6
U*CMB4120D*02	ZB48KQE-TFD-559	440	3	60	38.20	27.29	100	220	3	60	2	6.6
U*CMB4120F*02	ZB48KQE-TFD-559	380	3	50	38.20	27.29	100	380	3	60/50	2	3.8
U*CMB4140J*02	ZB57KCE-TF7-551	380	3	60	48.80	34.86	120	380	3	60/50	2	3.8
U*CMB4140T*02	ZB57KCE-TF5-591	220	3	60	99.40	71.00	224	220	3	60/50	2	6.6
U*CMB4140D*02	ZB57KCE-TFD-551	440	3	60	42.60	30.43	102	220	3	60	2	6.6
U*CMB4140F*02	ZB57KCE-TFD-551	380	3	50	42.60	30.43	102	380	3	60/50	2	3.8
3 COMPRESSORS												
U*CMB4180J*03	ZB48KQE-TF7-559	380	3	60	59.40	42.43	300	380	3	60/50	3	5.7
U*CMB4180T*03	ZB48KQE-TF5-559	220	3	60	109.20	78.00	492	220	3	60/50	3	9.9
U*CMB4180D*03	ZB48KQE-TFD-559	440	3	60	57.30	40.93	300	220	3	60	3	9.9
U*CMB4180F*03	ZB48KQE-TFD-559	380	3	50	57.30	40.93	300	380	3	60/50	3	5.7
U*CMB4210J*03	ZB57KCE-TF7-551	380	3	60	73.20	52.29	359	380	3	60/50	3	5.7
U*CMB4210T*03	ZB57KCE-TF5-591	220	3	60	149.10	106.50	672	220	3	60/50	3	9.9
U*CMB4210D*03	ZB57KCE-TFD-551	440	3	60	63.90	45.64	306	220	3	60	3	9.9
U*CMB4210F*03	ZB57KCE-TFD-551	380	3	50	63.90	45.64	306	380	3	60/50	3	5.7
U*CMB4300J*03	ZB76KQE-TF7-551	380	3	60	94.50	67.50	435	380	3	60/50	3	5.7
U*CMB4300T*03	ZB76KQE-TF5-551	220	3	60	174.00	124.29	717	220	3	60/50	3	9.9
U*CMB4300D*03	ZB76KQE-TFD-551	440	3	60	84.00	60.00	375	220	3	60	3	9.9
U*CMB4300F*03	ZB76KQE-TFD-551	380	3	50	84.00	60.00	375	380	3	60/50	3	5.7
U*CMB4360J*03	ZB95KCE-TE7-551	380	3	60	147.00	105.00	417	380	3	60/50	3	5.7
U*CMB4360T*03	ZB95KCE-TE5-551	220	3	60	258.00	184.29	900	220	3	60/50	3	9.9
U*CMB4360D*03	ZB95KCE-TED-551	440	3	60	111.00	79.29	399	220	3	60	3	9.9
U*CMB4360F*03	ZB95KCE-TED-551	380	3	50	111.00	79.29	399	380	3	60/50	3	5.7
U*CMB4450J*03	ZB114KCE-TE7-551	380	3	60	180.30	128.79	588	380	3	60/50	3	5.7
U*CMB4450T*03	ZB114KCE-TE5-551	220	3	60	264.30	188.79	1020	220	3	60/50	3	9.9
U*CMB4450D*03	ZB114KCE-TED-551	440	3	60	135.00	96.43	468	220	3	60	3	9.9
U*CMB4450F*03	ZB114KCE-TED-551	380	3	50	135.00	96.43	468	380	3	60/50	3	5.7

ELECTRICAL DATA												
COPELAND SCROLL - LOW TEMPERATURE												
MODEL	COMPRESSOR							FAN				
	MODEL	VOLTAGE	PHASE	FREQUENCY	MCC	RLA	LRA	VOLTAGE	PHASE	FREQUENCY	QTY.	CURRENT
		V		HZ	A	A	A	V		HZ		
2 COMPRESSORS												
U*CB04100J*02	ZF15KQE-TF7-551	380	3	60	31.8	22.714	64	380	3	60/50	2	3.8
U*CB04100T*02	ZF15KQE-TFC-551	220	3	60	60.00	42.86	123	220	3	60/50	2	6.6
U*CB04100D*02	ZF15KQE-TFD-551	440	3	60	25.00	17.86	62	220	3	60	2	6.6
U*CB04100F*02	ZF15KQE-TFD-551	380	3	50	25.00	17.86	62	380	3	60/50	2	3.8
U*CB04120J*02	ZF18KQE-TF7-551	380	3	60	35.40	25.29	70	380	3	60/50	2	3.8
U*CB04120T*02	ZF18KQE-TFC-551	220	3	60	67.00	47.86	156	220	3	60/50	2	6.6
U*CB04120D*02	ZF18KQE-TFD-551	440	3	60	26.00	18.57	75	220	3	60	2	6.6
U*CB04120F*02	ZF18KQE-TFD-551	380	3	50	26.00	18.57	75	380	3	60/50	2	3.8
3 COMPRESSORS												
U*CB04180J*03	ZF25KQE-TF7-551	380	3	60	62.1	44.36	359	380	3	60/50	3	5.7
U*CB04180T*03	ZF25KQE-TFC-551	220	3	60	123.90	88.50	672	220	3	60/50	3	9.9
U*CB04180D*03	ZF25KQE-TFD-551	440	3	60	51.60	36.86	297	220	3	60	3	9.9
U*CB04180F*03	ZF25KQE-TFD-551	380	3	50	51.60	36.86	297	380	3	60/50	3	5.7
U*CB04420J*03	ZF49K5E-TF7-560	380	3	60	121.50	86.79	660	380	3	60/50	3	5.7
U*CB04420T*03	ZF49K5E-TFC-560	220	3	60	213.00	152.14	1014	220	3	60/50	3	9.9
U*CB04420D*03	ZF49K5E-TFD-565	440	3	60	84.90	60.64	417	220	3	60	3	9.9
U*CB04420F*03	ZF49K5E-TFD-565	380	3	50	84.90	60.64	417	380	3	60/50	3	5.7

ELECTRICAL DATA												
COPELAND SEMI HERMETIC - MEDIUM/LOW TEMPERATURE												
MODEL	COMPRESSOR							FAN				
	MODEL	VOLTAGE	PHASE	FREQUENCY	MCC	RLA	LRA	VOLTAGE	PHASE	FREQUENCY	QTY.	CURRENT
		V		HZ	A	A	A	V		HZ		
3 COMPRESSORS												
U*HMB4360J*03	3DB3R12ME-ES8-C00	380	3	60	115.2	82.29	396	380	3	60/50	3	5.7
U*HMB4360T*03	3DB3R12ME-ES8-C00	220	3	60	201.6	144.00	684	220	3	60/50	3	9.9
U*HMB4360D*03	3DB3R12ME-TFD-C00	440	3	60	84	60.00	318	220	3	60	3	9.9
U*HMB4360F*03	3DB3R12ME-TFD-C00	380	3	50	84	60.00	318	380	3	60/50	3	5.7
U*HMB4450J*03	3DS3R17ME-ES8-C00	380	3	60	138	98.57	540	380	3	60/50	3	5.7
U*HMB4450T*03	3DS3R17ME-ES8-C00	220	3	60	241.8	172.71	948	220	3	60/50	3	9.9
U*HMB4450D*03	3DS3R17ME-TFD-C00	440	3	60	121.8	87.00	414	220	3	60	3	9.9
U*HMB4450F*03	3DS3R17ME-TFD-C00	380	3	50	121.8	87.00	414	380	3	60/50	3	5.7

ELECTRICAL DATA												
COPELAND SEMI HERMETIC - LOW TEMPERATURE												
MODEL	COMPRESSOR							FAN				
	MODEL	VOLTAGE	PHASE	FREQUENCY	MCC	RLA	LRA	VOLTAGE	PHASE	FREQUENCY	QTY.	CURRENT
		V		HZ	A	A	A	V		HZ		
3 COMPRESSORS												
U*HB04270J*03	3DB3F33KE-ES8-C00	380	3	60	66	47.14	288	380	3	60/50	3	5.7
U*HB04270T*03	3DB3F33KE-ES8-C00	220	3	60	113.7	81.21	501	220	3	60/50	3	9.9
U*HB04270D*03	3DB3F33KE-TFD-C00	440	3	60	66	47.14	249	220	3	60	3	9.9
U*HB04270F*03	3DB3F33KE-TFD-C00	380	3	50	66	47.14	249	380	3	60/50	3	5.7
U*HB04420J*03	3DS3F46KE-ES8-C00	380	3	60	99.9	71.36	396	380	3	60/50	3	5.7
U*HB04420T*03	3DS3F46KE-ES8-C00	220	3	60	175.2	125.14	684	220	3	60/50	3	9.9
U*HB04420D*03	3DS3F46KE-TFD-C00	440	3	60	78	55.71	318	220	3	60	3	9.9
U*HB04420F*03	3DS3F46KE-TFD-C00	380	3	50	78	55.71	318	380	3	60/50	3	5.7
U*HB04540J*03	4DHNF63KE-ES8-C04	380	3	60	141.6	101.14	525	380	3	60/50	3	5.7
U*HB04540T*03	4DHNF63KE-ES8-C04	220	3	60	233.1	166.50	885	220	3	60/50	3	9.9
U*HB04540D*03	4DHNF63KE-TSK-C04	440	3	60	110.4	78.86	417	220	3	60	3	9.9
U*HB04540F*03	4DHNF63KE-TSK-C04	380	3	50	110.4	78.86	417	380	3	60/50	3	5.7

MCC = Compressor maximum operational current - IEC
RLA = Compressor rated current = MCC/1,56; for Copeland compressor, consider MCC/1,4
LRA = Compressor blocker rotor current.
Elgin recommends using the condensation controller when the ambient temperature is equal or lower than 10°C.

DIMENSIONAL DATA

SEMI HERMETIC - MEDIUM/LOW TEMPERATURE

MODEL	EXTERNAL DIMENSIONS									MOUNTING DIMENSION		MECHANICAL DATA			WEIGHT (KG)		VENTIL.		NOISE LEVEL AT 5 M **
	WITHOUT PACKAGING HORIZONTAL FLOW			WITHOUT PACKAGING VERTICAL FLOW			WITH PACKAGING					CONNECTIONS		LIQUID STORAGE TANK					
	LENGTH	DEPTH	HEIGHT	LENGTH	DEPTH	HEIGHT	LENGTH	DEPTH	HEIGHT	LENGTH	DEPTH	LIQUID	SUCTION		LIQUID	GROSS	DIAMETER	QUANTITY	
	A	B	C	A	B	C	A	B	C	D	E								
2 COMPRESSORS																			
U*HMB4100*B2	2147	1485	1512	2147	1386	1642	2472	1702	1954	817	1356	7/8"	1.3/8"	35	617	789	630	2	74
U*HMB4120*B2	2147	1485	1512	2147	1386	1642	2472	1702	1954	817	1356	7/8"	1.3/8"	35	602	773	630	2	76
U*HMB4120*D2	2147	1485	1512	2147	1386	1642	2472	1702	1954	817	1356	7/8"	1.3/8"	35	618	789	630	2	76
U*HMB4140*B2	2147	1485	1512	2147	1386	1642	2472	1702	1954	817	1356	7/8"	1.3/8"	35	602	773	630	2	76
U*HMB4140*D2	2147	1485	1512	2147	1386	1642	2472	1702	1954	817	1356	7/8"	1.3/8"	35	623	795	630	2	76
3 COMPRESSORS																			
U*HMB4180*B3	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	7/8"	1.5/8"	35	802	1018	630	3	76
U*HMB4180*D3	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	7/8"	1.5/8"	35	826	1042	630	3	76
U*HMB4210*B3	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	7/8"	1.5/8"	35	802	1018	630	3	78
U*HMB4210*D3	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	7/8"	1.5/8"	35	834	1050	630	3	78
U*HMB4270*B3	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	7/8"	1.5/8"	35	802	1018	630	3	78
U*HMB4270*D3	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	7/8"	1.5/8"	35	840	1056	630	3	78
U*HMB4300*B3	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	7/8"	1.5/8"	35	985	1201	630	3	78
U*HMB4360*B3	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	7/8"	2.1/8"	35	911	1127	630	3	78
U*HMB4360*D3	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	7/8"	2.1/8"	35	1036	1252	630	3	78
U*HMB4360*03	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	7/8"	2.1/8"	35	1139	1355	630	3	78
U*HMB4450*B3	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	1058	1301	630	3	78
U*HMB4450*D3	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	1118	1334	630	3	78
U*HMB4450*03	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	1219	1435	630	3	78
U*HMB4660*B3	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	1100	1316	630	3	79
U*HMB4660*D3	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	1262	1478	630	3	79

DIMENSIONAL DATA

SEMI HERMETIC - LOW TEMPERATURE

MODEL	EXTERNAL DIMENSIONS									MOUNTING DIMENSION		MECHANICAL DATA			WEIGHT (KG)		VENTIL.		NOISE LEVEL AT 5 M **
	WITHOUT PACKAGING HORIZONTAL FLOW			WITHOUT PACKAGING VERTICAL FLOW			WITH PACKAGING					CONNECTIONS		LIQUID STORAGE TANK					
	LENGTH	DEPTH	HEIGHT	LENGTH	DEPTH	HEIGHT	LENGTH	DEPTH	HEIGHT	LENGTH	DEPTH	LIQUID	SUCTION		LIQUID	GROSS	DIAMETER	QUANTITY	
	A	B	C	A	B	C	A	B	C	D	E								
2 COMPRESSORS																			
U*HB04100*B2	2147	1485	1512	2147	1386	1642	2472	1702	1954	817	1356	7/8"	1.3/8"	35	618	790	630	2	74
U*HB04120*B2	2147	1485	1512	2147	1386	1642	2472	1702	1954	817	1356	7/8"	1.3/8"	35	704	876	630	2	76
3 COMPRESSORS																			
U*HB04150*B3	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	7/8"	1.5/8"	35	827	1043	630	3	76
U*HB04180*B3	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	7/8"	1.5/8"	35	956	1172	630	3	76
U*HB04270*B3	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	7/8"	2.1/8"	35	993	1209	630	3	78
U*HB04270*03	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	7/8"	2.1/8"	35	1118	1334	630	3	78
U*HB04420*B3	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	7/8"	2.1/8"	35	1036	1252	630	3	78
U*HB04420*03	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	7/8"	2.1/8"	35	1139	1355	630	3	78
U*HB04540*B3	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	1241	1457	630	3	78
U*HB04540*03	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	1367	1583	630	3	78

DIMENSIONAL DATA

SCROLL - MEDIUM/LOW TEMPERATURE

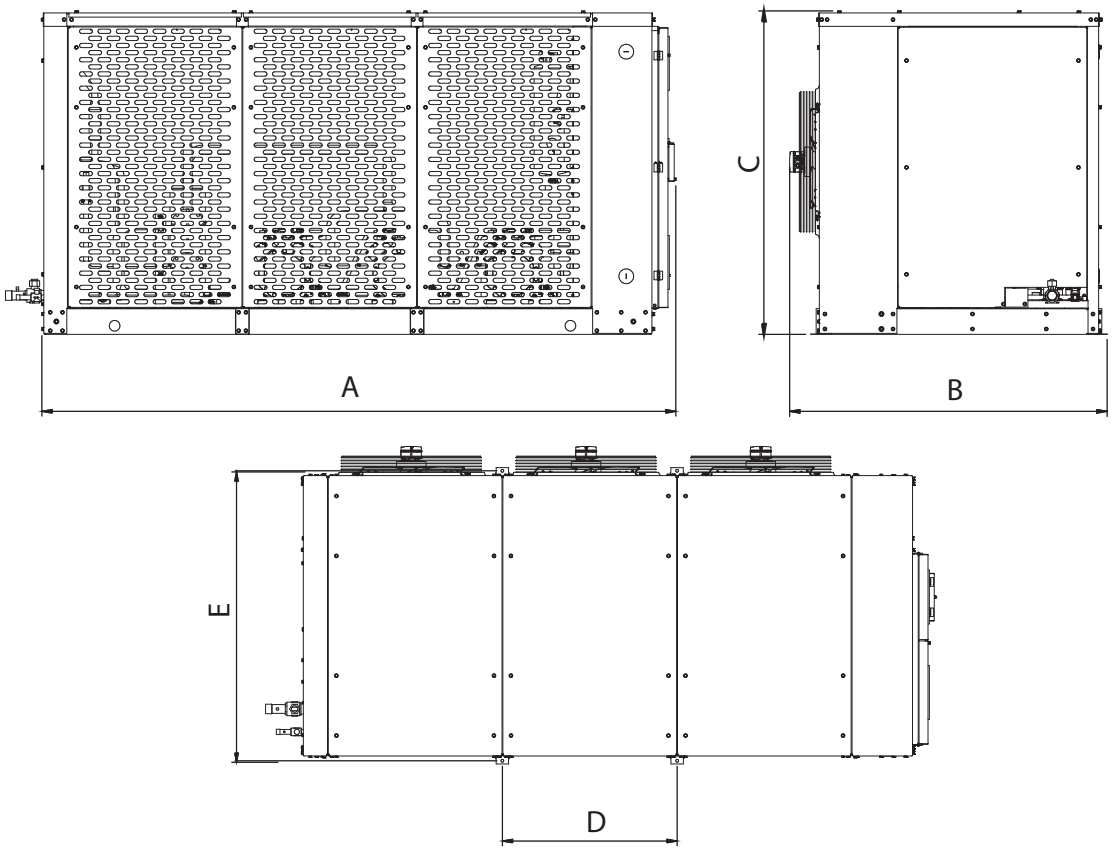
MODEL	EXTERNAL DIMENSIONS									MOUNTING DIMENSION		MECHANICAL DATA			WEIGHT (KG)		VENTIL.		NOISE LEVEL AT 5 M **
	WITHOUT PACKAGING HORIZONTAL FLOW			WITHOUT PACKAGING VERTICAL FLOW			WITH PACKAGING					CONNECTIONS		LIQUID STORAGE TANK					
	LENGTH	DEPTH	HEIGHT	LENGTH	DEPTH	HEIGHT	LENGTH	DEPTH	HEIGHT	LENGTH	DEPTH	LIQUID	SUCTION		LIQUID	GROSS	DIAMETER	QUANTITY	
	A	B	C	A	B	C	A	B	C	D	E								
2 COMPRESSORS																			
U*CMB4120*02	2147	1485	1512	2147	1386	1642	2472	1702	1954	817	1356	7/8"	1.3/8"	35	523	694	630	2	76
U*CMB4140*02	2147	1485	1512	2147	1386	1642	2472	1702	1954	817	1356	7/8"	1.3/8"	35	524	695	630	2	76
3 COMPRESSORS																			
U*CMB4180*03	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	7/8"	1.5/8"	35	684	900	630	3	76
U*CMB4210*03	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	7/8"	1.5/8"	35	685	901	630	3	76
U*CMB4300*03	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	7/8"	2.1/8"	35	775	991	630	3	78
U*CMB4360*03	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	7/8"	2.1/8"	35	809	1025	630	3	78
U*CMB4450*03	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	890	1106	630	3	78

DIMENSIONAL DATA

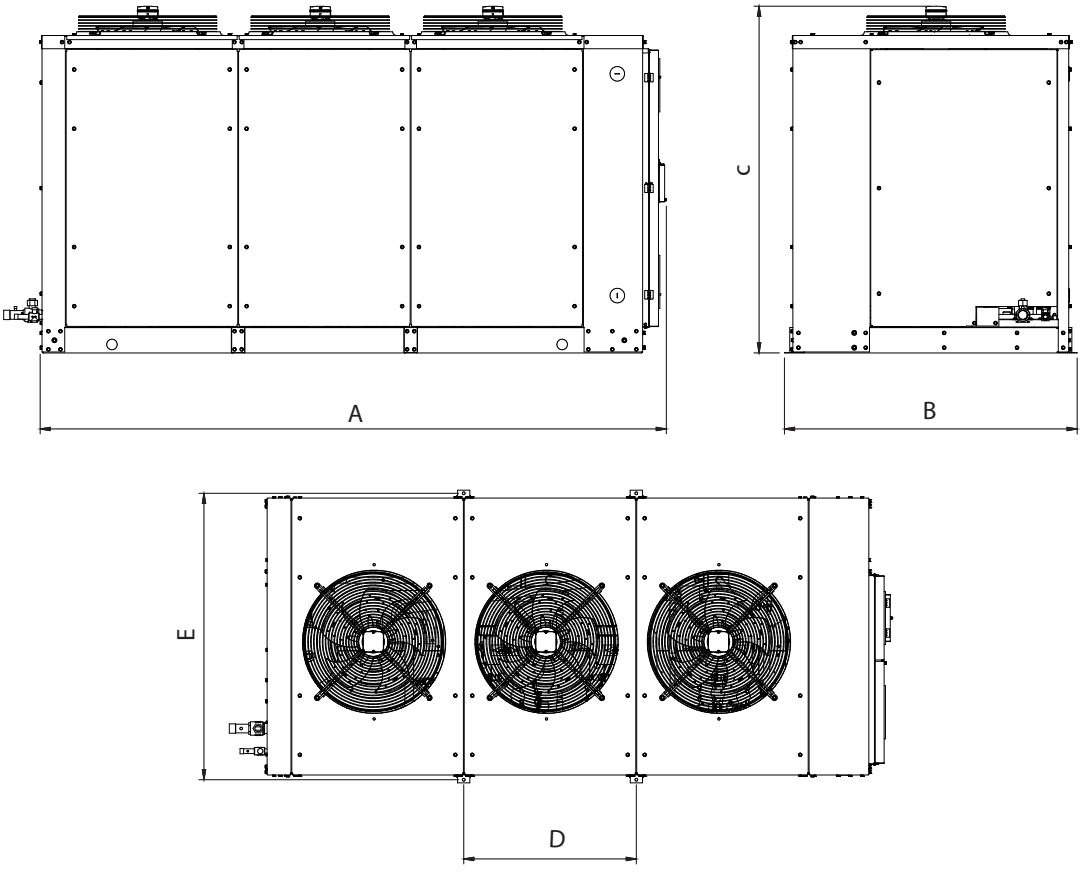
SCROLL - LOW TEMPERATURE

MODEL	EXTERNAL DIMENSIONS									MOUNTING DIMENSION		MECHANICAL DATA			WEIGHT (KG)		VENTIL.		NOISE LEVEL AT 5 M **
	WITHOUT PACKAGING HORIZONTAL FLOW			WITHOUT PACKAGING VERTICAL FLOW			WITH PACKAGING					CONNECTIONS		LIQUID STORAGE TANK					
	LENGTH	DEPTH	HEIGHT	LENGTH	DEPTH	HEIGHT	LENGTH	DEPTH	HEIGHT	LENGTH	DEPTH	LIQUID	SUCTION		LIQUID	GROSS	DIAMETER	QUANTITY	
	A	B	C	A	B	C	A	B	C	D	E								
2 COMPRESSORS																			
U*CB04100*02	2147	1485	1512	2147	1386	1642	2472	1702	1954	817	1356	7/8"	1.3/8"	35	517	688	630	2	74
U*CB04120*02	2147	1485	1512	2147	1386	1642	2472	1702	1954	817	1356	7/8"	1.3/8"	35	523	694	630	2	76
3 COMPRESSORS																			
U*CB04180*03	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	7/8"	1.5/8"	35	685	901	630	3	76
U*CB04420*03	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	7/8"	2.1/8"	35	868	1084	630	3	78

HORIZONTAL FLOW



VERTICAL FLOW



US 23 TO 66HP

CONDENSER UNIT WITH ADDITIONAL SUBCOOLING 1 COMPRESSOR

elgin

NOMENCLATURE - SUBCOOLED UNIT												
U	S	H	B0	4	440	J	T	B	1	C	R	2
TYPE OF PRODUCT	AIR FLOW	TYPE OF COMPRESSOR	APPLICATION	FLUID	MODEL	VOLTAGE	LIQUID LINE	COMPRESSOR	NUMBER OF COMPRESSORS	VERSION	MECHANICAL CONFIGURATION	ELECTRICAL CONFIGURATION
U: Condenser unit	**S:** Horizontal flow **V:** Vertical flow	**H:** Semi Hermetic	**MB:** Medium/ Low **B0:** Low	**4:** R404A/ R507	280 340 350 400 440 500	**J:** 380V-3F-60Hz **T:** 220V-3F-60Hz **F:** 380V-3F-50Hz	**T:** Air condenser, Liquid storage tank, Sight and Filter	**B:** Bitzer **D:** Dorin	**1**	**C**	**R:** Accumulator, Suction filter, Oil separator and additional subcooling "Refer to the Accessories Table on Next Page"	**2:** Capacity control 35 to 100% "Refer to the Accessories Table on Next Page"

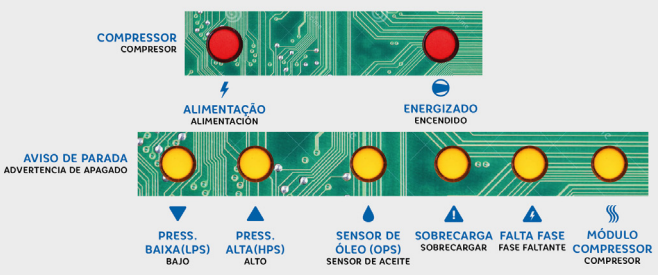
* For locations with humidity above 65% it is recommended to install a Humidity Control in the Condenser unit's Electrical board in the field (electrical schemes includes this possibility).

Capacity data table
Q = Capacity (Kcal/h) / P = Consumed power (kW) / N/A = Not applicable
Capacities are based on the following conditions:
- Capacity at 60Hz (if 50Hz multiply it by 0.83)
- Superheating: 10K / Subcooling: 40K
- To obtain the capacity in BTU/h, multiply it by 3,9683 and in kW divide it by 860

NUMBER OF COMPRESSORS	MODELS DE COMPRESSORS	
	BITZER SEMI HERMETIC	DORIN SEMI HERMETIC
1	✔	✔

MECHANICAL ACCESSORIES	CONFIGURATION R
Suction line filter	✔
Liquid line filter	✔
Liquid separator (accumulator)	✔
Oil separator	✔
Liquid Sight	✔
Tank of liquid	✔
Service valve (Tank inlet)	✔
Service valve (Tank outlet)	✔
Service valve (Suction line)	✔
Retention valve	✔
Anti-vibration pipe at discharge	✔
Fairing	✔
Suction line insulation	✔
Adjustable high and low pressure switch	✔
Plate heat exchange	✔
Expansion valve	✔
Protected fin	✔

ELECTRICAL ACCESSORIES	CONFIGURATION 2
Adjustable high and low pressure switch	✔
Metallic electrical box	✔
Condensation control by controller (on/off) 3 FAN - 33/66/100%	✔
Elgin Smart	✔
Controller	✔
Crankcase heater	✔
Capacity control	✔
Cpr inverter and Axial motor	X



ELGIN SMART - DIAGNOSIS MODULE

Exclusive electronic module available for the Complete mechanical and electrical version that allows diagnosis possible problems in a quick and visual way.
Red lights: When ON, they indicate that the compressor is correctly powered.
Yellow lights: When ON, they indicate the reason for the stop.

CAPACITY DATA							
DORIN SEMI HERMETIC - R-404A/R-507- 60 Hz [Kcal/h]							
MODEL	AMBIENT TEMPERATURE		EVAPORATION TEMPERATURE [°C] LOW				
			R-404A/R-507				
	°C		-20°C	-25°C	-30°C	-35°C	-40°C
1 COMPRESSOR							
U*HMB4350 + USHMB4060	32°C	Q	48,920	38,231	29,102	21,355	14,841
		P	21.15	18.15	15.35	12.76	10.50
	35°C	Q	47,702	37,141	28,122	20,460	14,007
		P	21.43	18.29	15.41	12.77	10.45
	38°C	Q	46,497	36,062	27,150	19,572	13,179
		P	21.70	18.43	15.47	12.79	10.41
	43°C	Q	44,501	34,396	25,745	18,364	11,799
		P	22.15	18.65	15.56	12.81	10.34
U*HMB4400 + USHMB4060	32°C	Q	60,869	48,153	37,283	28,036	20,138
		P	25.98	22.28	18.98	16.05	13.57
	35°C	Q	59,410	46,852	36,084	26,910	19,109
		P	26.28	22.43	19.03	16.05	13.53
	38°C	Q	57,948	45,546	34,882	25,782	18,079
		P	26.58	22.58	19.08	16.05	13.50
	43°C	Q	55,457	43,472	33,093	24,199	N/A
		P	27.09	22.82	19.15	16.05	N/A
U*HMB4500 + USHMB4060	32°C	Q	71,506	56,480	43,661	32,798	23,728
		P	32.48	27.61	23.35	19.60	16.40
	35°C	Q	70,027	55,167	42,504	31,767	22,777
		P	33.07	27.97	23.54	19.68	16.36
	38°C	Q	68,543	53,851	41,343	30,734	21,822
		P	33.67	28.32	23.74	19.76	16.31
	43°C	Q	65,833	51,658	39,524	29,219	N/A
		P	34.76	28.90	24.05	19.88	N/A

CAPACITY DATA							
BITZER SEMI HERMETIC - R-404A/R-507 - 60 Hz [Kcal/h]							
MODEL	AMBIENT TEMPERATURE		EVAPORATION TEMPERATURE [°C] LOW				
			R-404A/R-507				
	°C		-20°C	-25°C	-30°C	-35°C	-40°C
1 COMPRESSOR							
U*HB04280 + USHMB4060	32°C	Q	52,344	42,479	33,776	26,165	19,589
		P	23.38	20.45	17.70	15.12	12.71
	35°C	Q	50,030	40,494	32,089	24,747	18,409
		P	23.68	20.62	17.74	15.05	12.55
	38°C	Q	47,740	38,529	30,418	23,342	17,239
		P	23.98	20.79	17.79	14.99	12.39
	43°C	Q	43,923	35,446	27,943	21,372	15,680
		P	24.48	21.05	17.86	14.90	12.18
U*HB04340 + USHMB4060	32°C	Q	64,255	52,446	42,003	32,831	24,845
		P	29.84	26.04	22.55	19.36	16.46
	35°C	Q	61,382	49,990	39,935	31,128	23,484
		P	30.37	26.40	22.75	19.42	16.39
	38°C	Q	58,504	47,529	37,863	29,423	22,121
		P	30.91	26.76	22.95	19.48	16.32
	43°C	Q	53,565	43,552	34,702	26,959	20,249
		P	31.83	27.34	23.26	19.56	16.23
U*HB04440 + USHMB4060	32°C	Q	73,845	60,344	48,285	37,621	28,305
		P	36.10	31.54	27.31	23.40	19.79
	35°C	Q	70,458	57,439	45,815	35,545	26,577
		P	36.53	31.77	27.37	23.31	19.57
	38°C	Q	67,067	54,530	43,342	33,466	24,846
		P	36.95	32.01	27.44	23.22	19.34
	43°C	Q	60,949	49,612	39,418	30,364	22,411
		P	37.73	32.42	27.54	23.08	19.02

Q = Capacity (Kcal/h) / P = Consumed power (kW) / N/A = Not applicable
Capacities are based on the following conditions:
- Capacity at 60Hz (if 50Hz multiply it by 0.83)
- Superheating: 10k / Subcooling: 40k
- To obtain the capacity in BTU/h, multiply it by 3,9683 and in kW divide it by 860

4

ELECTRICAL DATA - SUB-COOLED UNIT												
MEDIUM/LOW TEMPERATURE - DORIN SEMI HERMETIC												
MODEL	COMPRESSOR							FAN				
	MODEL	VOLTAGE	PHASE	FREQUENCY	MCC	RLA	LRA	VOLTAGE	PHASE	FREQUENCY	QTY.	CURRENT
		V		Hz	A	A	A	V		Hz		
U*HMB4350J*D1	H3400CC	380 V	3	60Hz	72.00	46.15	312	380 V	3	50/60Hz	3	5.7
U*HMB4400J*D1	H4000CC	380 V	3	60Hz	90.00	57.69	348	380 V	3	50/60Hz	3	5.7
U*HMB4500J*D1	H5000CC	380 V	3	60Hz	112.00	71.79	430	380 V	3	50/60Hz	3	5.7

ELECTRICAL DATA - SUB-COOLED UNIT												
LOW TEMPERATURE - BITZER SEMI HERMETIC												
MODEL	COMPRESSOR							FAN				
	MODEL	VOLTAGE	PHASE	FREQUENCY	MCC	RLA	LRA	VOLTAGE	PHASE	FREQUENCY	QTY.	CURRENT
		V		Hz	A	A	A	V		Hz		
U*HB04280J*B1	4FE-28Y-35P	380 V	3	60Hz	67.00	42.95	296	380 V	3	50/60Hz	3	5.7
U*HB04280T*B1	4FE-28Y-20P	220 V	3	60Hz	111.20	71.28	491	220 V	3	50/60Hz	3	9.9
U*HB04280F*B1	4FE-28Y-40P	380 V	3	50Hz	52.80	33.85	233	380 V	3	50/60Hz	3	5.7
U*HB04340J*B1	6GE-34Y-35P	380 V	3	60Hz	83.20	53.33	296	380 V	3	50/60Hz	3	5.7
U*HB04340T*B1	6GE-34Y-20P	220 V	3	60Hz	137.90	88.40	491	220 V	3	50/60Hz	3	9.9
U*HB04340F*B1	6GE-34Y-40P	380 V	3	50Hz	65.50	41.99	233	380 V	3	50/60Hz	3	5.7
U*HB04440J*B1	6FE-44Y-35P	380 V	3	60Hz	105.70	67.76	460	380 V	3	50/60Hz	3	5.7
U*HB04440T*B1	6FE-44Y-20P	220 V	3	60Hz	175.20	112.31	762	220 V	3	50/60Hz	3	9.9
U*HB04440F*B1	6FE-44Y-40P	380 V	3	50Hz	83.20	53.33	362	380 V	3	50/60Hz	3	5.7

ELECTRICAL DATA - ADDITIONAL UNIT FOR SUB-COOLING												
MEDIUM/LOW TEMPERATURE - DORIN SEMI HERMETIC												
MODEL	COMPRESSOR							FAN				
	MODEL	VOLTAGE	PHASE	FREQUENCY	MCC	RLA	LRA	VOLTAGE	PHASE	FREQUENCY	QTY.	CURRENT
		V		Hz	A	A	A	V		Hz		
USHMB4060J*D	H505CC	380 V	3	60Hz	17.4	12.00	76	220 V	1	50/60Hz	2	4.0

ELECTRICAL DATA - ADDITIONAL UNIT FOR SUB-COOLING												
MEDIUM/LOW TEMPERATURE - BITZER SEMI HERMETIC												
MODEL	COMPRESSOR							FAN				
	MODEL	VOLTAGE	PHASE	FREQUENCY	MCC	RLA	LRA	VOLTAGE	PHASE	FREQUENCY	QTY.	CURRENT
		V		Hz	A	A	A	V		Hz		
USHMB4060J*B	4EES-6Y-20D	380 V	3	60Hz	17.3	12.00	79	220 V	1	50/60Hz	2	4.0
USHMB4060T*B	4EES-6Y-20D	220 V	3	60Hz	28.6	19.00	137	220 V	1	50/60Hz	2	4.0
USHMB4060F*B	4EES-6Y-40S	380 V	3	50Hz	13.6	9.00	62	220 V	1	50/60Hz	2	3.6

MCC = Compressor maximum operational current - IEC
RLA = Compressor rated current = MCC/1,56; for Copeland compressor, consider MCC/1,4
LRA = Compressor blocker rotor current.
Elgin recommends using the condensation controller when the ambient temperature is equal or lower than 10°C.

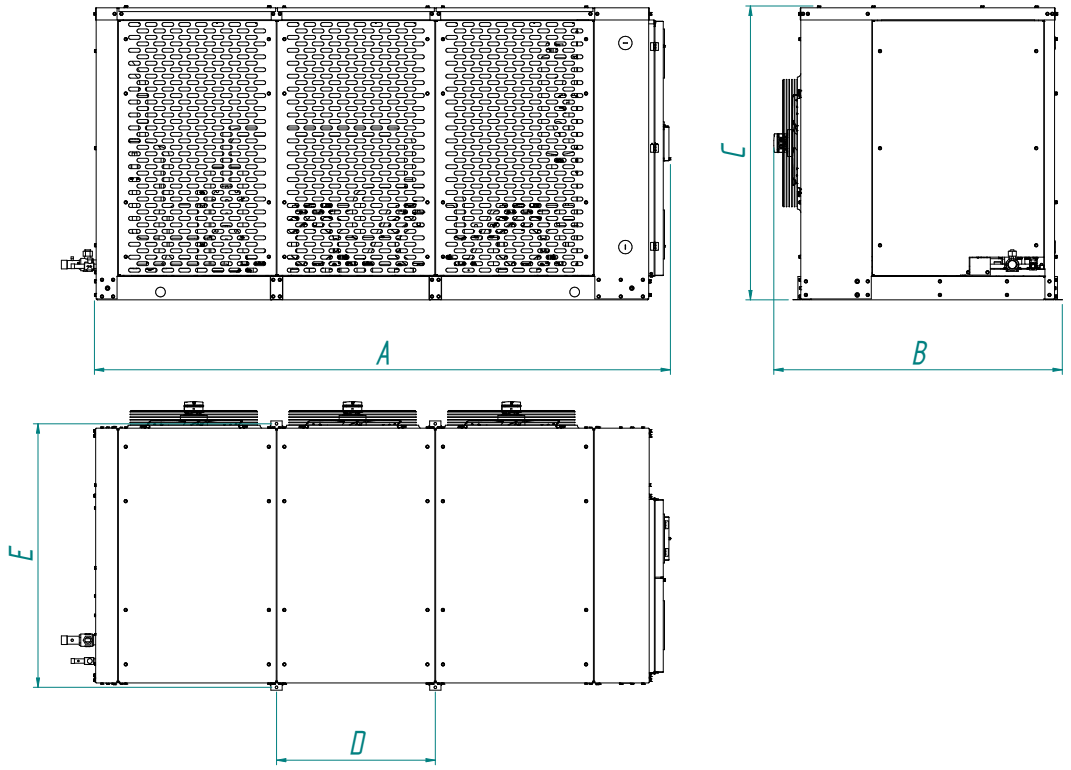
PHYSICAL DATA																			
MODEL	EXTERNAL DIMENSIONS									MOUNTING DIMENSION		MECHANICAL DATA			WEIGHT (KG)		VENTIL.		NOISE LEVEL AT 5 M **
	WITHOUT PACKAGING HORIZONTAL FLOW			WITHOUT PACKAGING VERTICAL FLOW			WITH PACKAGING					CONNECTIONS		LIQUID STORAGE TANK					
	LENGTH	DEPTH	HEIGHT	LENGTH	DEPTH	HEIGHT	LENGTH	DEPTH	HEIGHT	LENGTH	DEPTH	LIQUID	SUCTION		LIQUID	GROSS	DIAMETER	QUANTITY	
	A	B	C	A	B	C	A	B	C	D	E								
SUB-COOLED UNIT - MEDIUM/LOW TEMPERATURE - SEMI HERMETIC																			
U*HMB4350*D1	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	832	1048	630	3	78
U*HMB4400*D1	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	930	1146	630	3	78
U*HMB4500*D1	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	937	1153	630	3	78
SUB-COOLED UNIT - LOW TEMPERATURE - SEMI HERMETIC																			
U*HB04280*B1	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	830	1046	630	3	78
U*HB04340*B1	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	909	1125	630	3	78
U*HB04440*B1	2965	1485	1512	2965	1386	1642	3372	1702	1954	817	1356	1.1/8"	2.1/8"	70	923	1139	630	3	78
ADDITIONAL UNIT FOR SUB-COOLING - MEDIUM/LOW TEMPERATURE - SEMI HERMETIC																			
USHMB4060*D	1397	935	705	-	-	-	1679	1032	894	1152	918	5/8"	1.1/8"	13	234	288	500	2	70
USHMB4060*B	1397	935	705	-	-	-	1630	1040	900	1152	918	5/8"	1.1/8"	13	257	293	500	2	70

NOISE LEVEL CORRECTION VALUE DUE TO THE DISTANCE				
DISTANCE	5 m	10 m	15 m	20 m
REDUCE	0 db (A)	-6 db (a)	-10 db (A)	-12 db (A)
Subtract the value to a distance of 5 meters informed in the physical data table.				

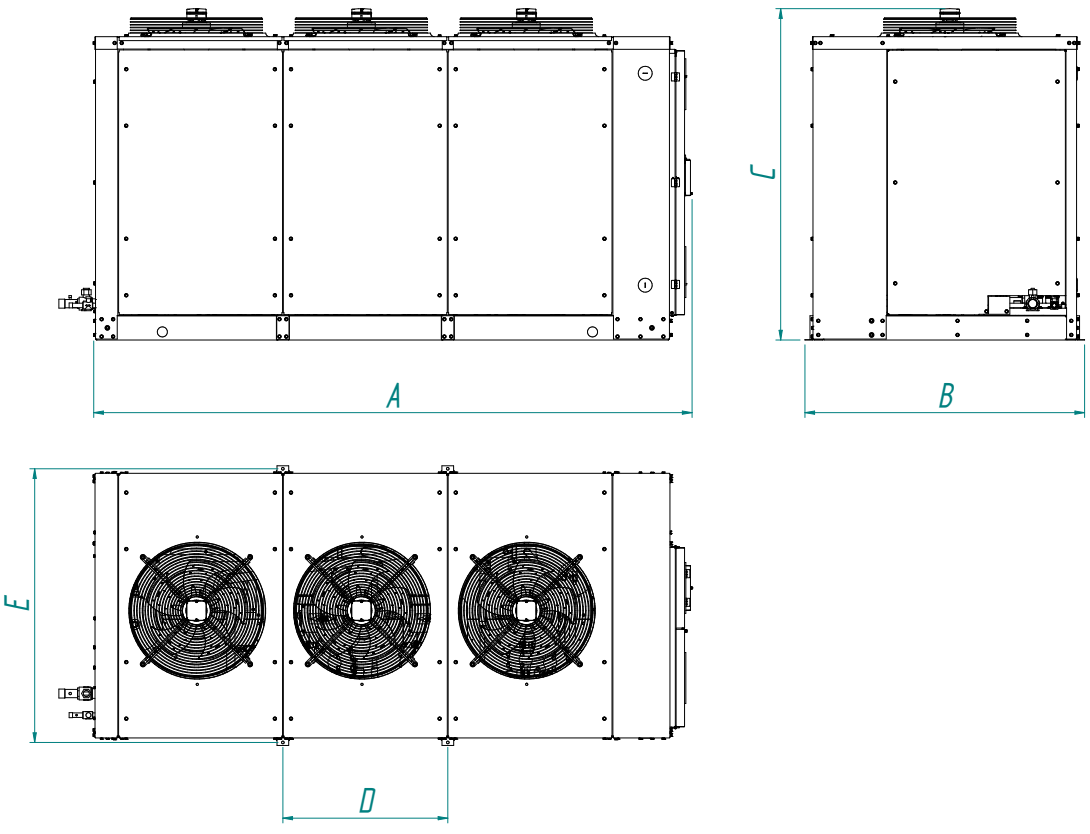
Environment temperature correction value due to the altitude. To refer to the Condenser Unit capacity table, add the values at the ambient temperature, according to the corresponding altitude found in the table below:

ALTITUDE	ADD TO THE AMBIENT TEMPERATURE °C
1000	0
2000	3
3000	5
4000	7
5000	10

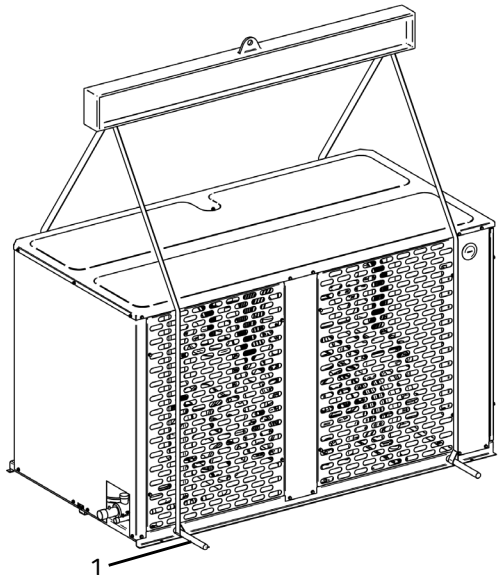
HORIZONTAL FLOW



VERTICAL FLOW



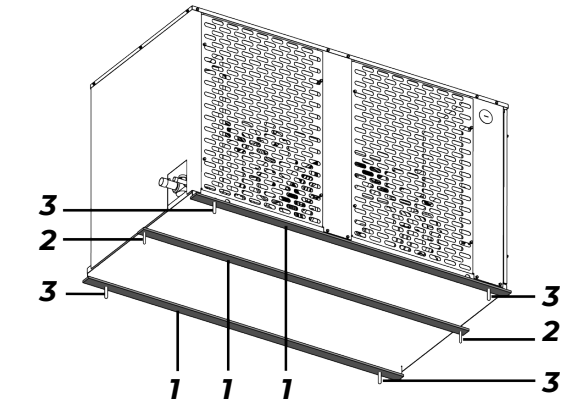
LIFTING INSTRUCTIONS

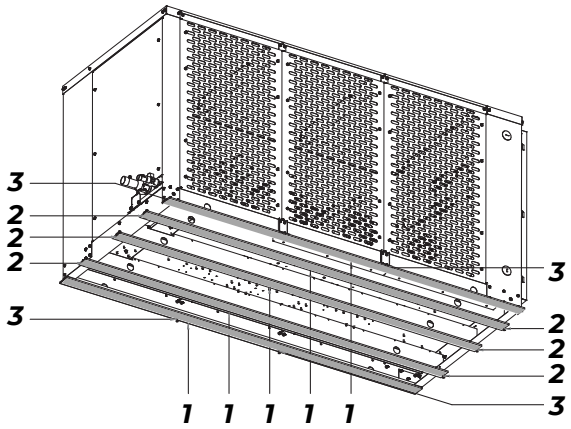


MODELO	DESCRIÇÃO *DESCRIPCIÓN*
UNIDADE ADICIONAL PARA SUBRESFRIAMENTO	Barra de aço redonda Ø7/8”x1300mm ou vergalhão CA50 Ø3/4”x1300mm *Barra de acero redonda Ø7/8”x1300mm o barra de refuerzo CA50 Ø3/4”x1300mm*
UNIDADE CONDENSADORA SUBRESFRIADA	Barra de aço redonda Ø1.3/8”x1700mm ou vergalhão CA50 Ø1.1/4”x1700mm *Barra de acero redonda Ø1.3/8”x1700mm o barra de refuerzo CA50 Ø1.1/4”x1700mm*

Notes
The lifting and mounting accessories are not supplied with the condenser unit.

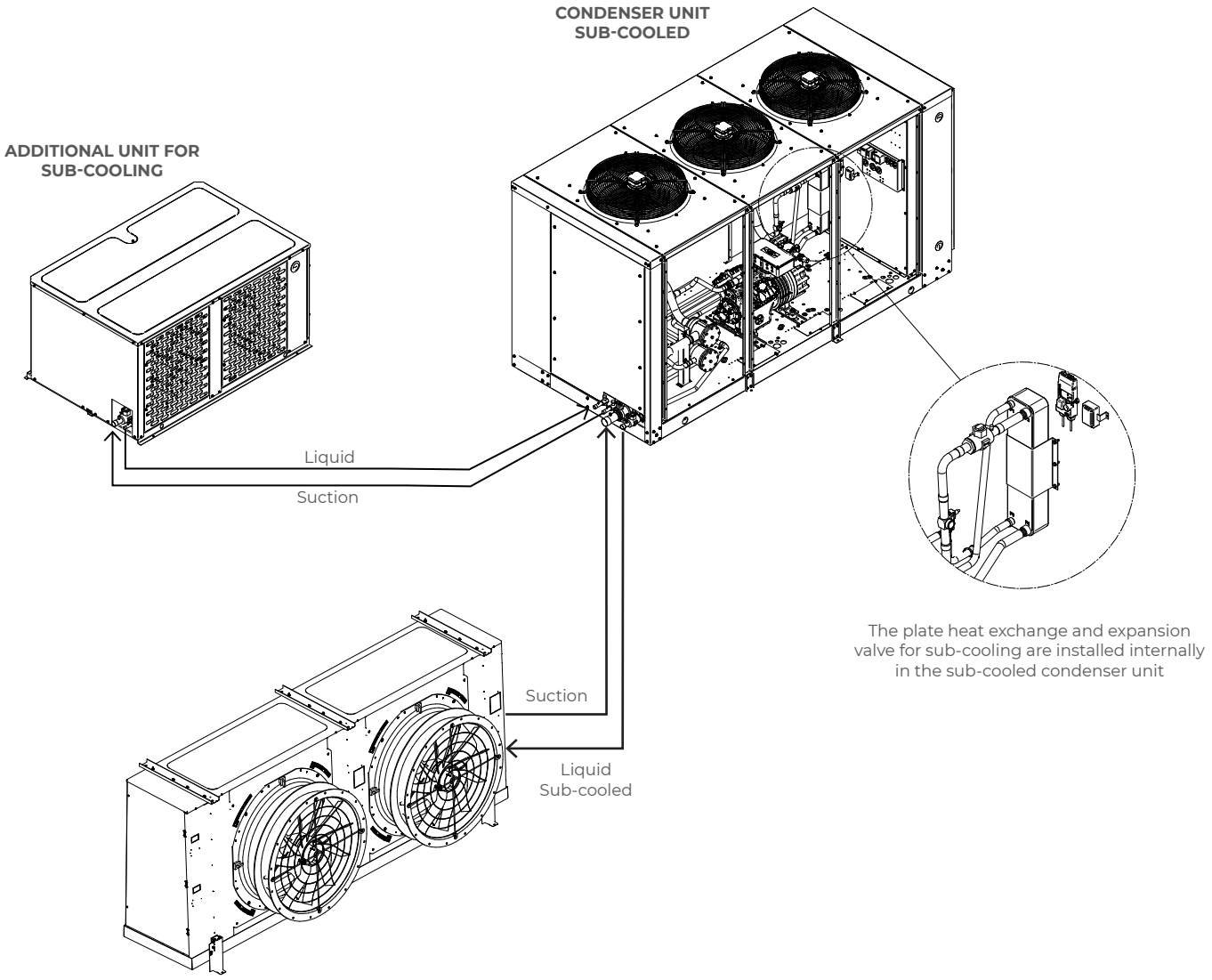
MOUNTING INSTRUCTION





1. The condenser unit shall be placed on high-density rubber bands with minimum width of 90 mm, thickness between 6 to 14 mm, as demonstrated in the figure and its length shall not exceed the Condenser Unit in 30 mm.
2. Attach the central rubber band in the flooring or structure with a bolt in each end.
3. Attach the condenser unit and the side bands on the flooring or structure with 3/8 threads bolts and washers.

SUB-COOLING INSTALLATION INSTRUCTION



The plate heat exchange and expansion valve for sub-cooling are installed internally in the sub-cooled condenser unit