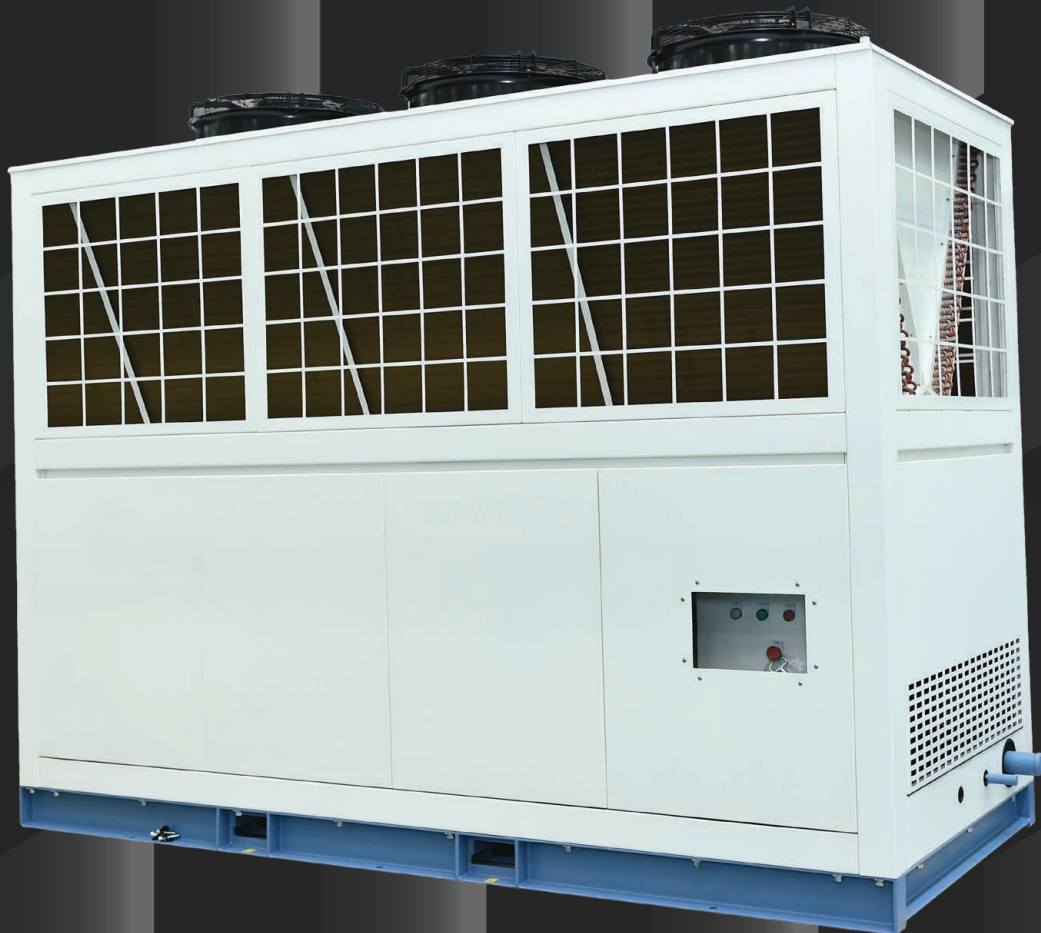


Snowkey

SRMTEC

CONDENSING UNIT



**VBox, Indoor and Remote
Condensing Units R134a, R404A**

The Snowman Advantage

Snowman is a rapidly growing international supplier of refrigeration, ice and HVAC equipment whose focus is on developing and owning the core intellectual property.

Snowkey, SRM, Refcomp and Opcon Powerbox are brands owned by the Snowman group.

Snowman has consolidated the production of the equipment in one location giving a high degree of volume and logistics efficiency advantages. These impressively large, clean and organised factories give rise to a new era of quality and consistency.

Snowman owned companies have been at the forefront of technology since 1934 when SRM of Sweden invented the first refrigeration screw compressors.

With dedicated engineering divisions for freon refrigeration, NH₃ ammonia refrigeration, ice making systems, industrial cooling, CO₂ technology and heat exchange Snowman is able to engineer from the ground up the full spectrum of solutions.



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Snowkey

RefComp

SRM



VBox Outdoor Condensing Units

Standard Features

- High efficiency Semi-hermetic reciprocating compressor
- Large surface Vblock condenser with epoxy OR black fins
- EC high efficiency fan motors with speed control
- Oil Separator fitted
- Suction accumulator fitted
- Generous size liquid receiver
- Solid welded base frame
- Quality electrical board
- High and low pressure safety switches
- Pump down LP switch separate from LP safety
- Crankcase heater
- Motor PTC thermistors with INT device
- Oil safety device
- 360° Access around the unit for easy service
- Copper tails to the suction and liquid connections
- Separate compressor and fan chambers for safe use
- Standard mount for factory OR client VSD fitting
- Pressure relief valve (when required)



2 large VBlock Air cooled condensing units with 50hp semi-hermetic compressors fitted inside. The condenser includes 4x800mm EC fans

Indoor Condensing Units

Features

- High efficiency Semi-hermetic reciprocating compressor
- Large surface condenser with epoxy OR black fins
- EC high efficiency fan motors with speed control
- Oil Separator fitted
- Suction accumulator fitted
- Generous size liquid receiver
- Solid welded base frame
- Quality electrical board
- High and low pressure safety switches
- Pump down LP switch separate from LP safety
- Crankcase heater
- Motor PTC thermistors with INT device
- Oil safety device
- Easy access around the unit for service
- Copper tails to the suction and liquid connections
- Pressure relief valve (when required)



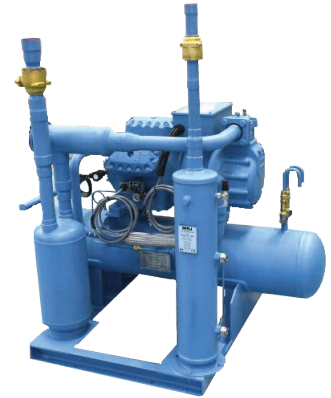
Indoor Air cooled condensing unit with a 30hp semi-hermetic compressor fitted inside. The condenser includes 4x500mm EC fans

Remote Condensing Units

Features

- High efficiency Semi-hermetic reciprocating compressor
- Oil Separator fitted
- Suction accumulator fitted
- Generous size liquid receiver
- Solid welded base frame
- Quality electrical board
- High and low pressure safety switches
- Pump down LP switch separate from LP safety
- Crankcase heater
- Motor PTC thermistors with INT device
- Oil safety device
- Easy access around the unit for service
- Copper tails to the suction and liquid connections
- Pressure relief valve (when required)

These units can be supplied with matching condensers and other equipment as required.

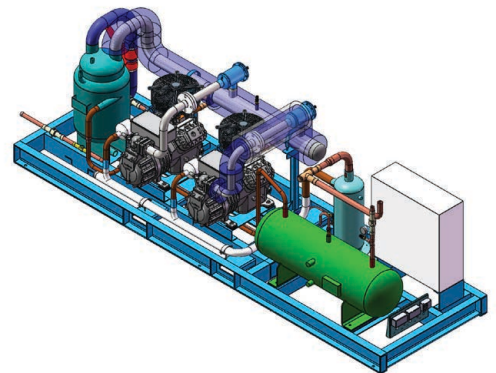


Compressor unit with a 40hp semi-hermetic compressor fitted inside. To be used with a remote condenser

Optional accessories

- Available for R407F and other refrigerants on request
- SU - Start unloading fitted to reduce starting current
- Electronic oil management and oil reservoir upgrade
- Customised controls
- Multiple compressor solutions inside the system
- VSD drive fitted
- Evaporator controls and thermostat fitted
- Head capacity controls
- Head fan for lower temperature models

Other customizations can be possible on request.



Customized solution 2 compressor rack system within the VBox condensing unit.

Our Step by Step Selection Method

- Designed to help selecting the unit quicker and easier
- Easy to understand selection process
- Clear details on application and use

STEP 1

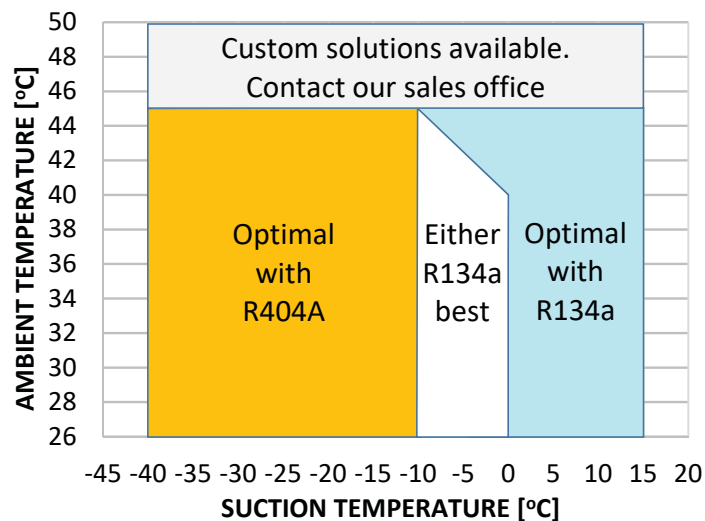
Choose your peak design ambient temperature for your location {32°C, 38°C, 45°C}

STEP 2

Select your Suction temperature. The suction temperature is between 6..8°C below your required room temperature.

STEP 3

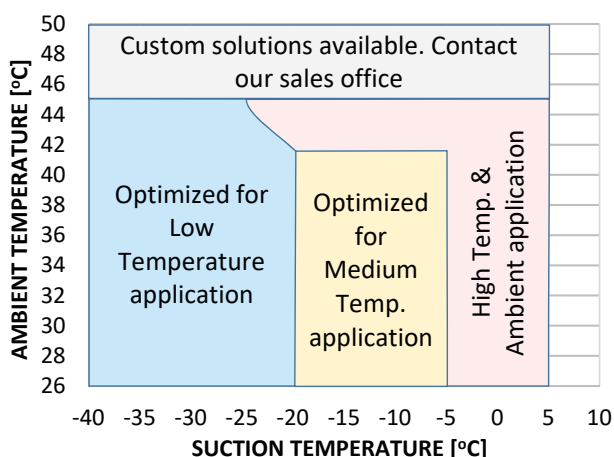
Choose the refrigerant which best suits your application. See below



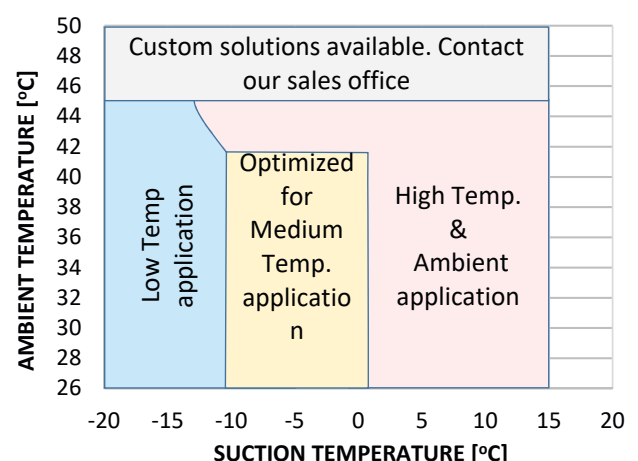
STEP 4

Choose the best operating range based on your refrigerant. (Condenser, pipe sizes and compressor motors are optimized for each condition)

R404A Graph



R134a Graph



Our Step by Step Selection Method

STEP 5

Choose the type of unit you require.

Outdoor VBOX unit. 360degree access no cover required.



R404A

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R134a

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INDOOR unit. Best installed with an awning



R404A

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R134a

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Remote unit. Supplied without a condenser.



R404A

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R134a

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VBox Condensing Unit Capacity R404A



MODEL	Nominal HP	Ambient °C	Refrigeration Capacity [kW]									
			Saturated Suction Temperature [°C]									
			-40	-35	-30	-25	-20	-15	-10	-5	0	5
4HN100E-2x500EC_VB-M1HP	10	32	3.11	4.96	7.23	9.91	13.02	16.57	20.56	24.99	29.87	35.18
		38	2.78	4.34	6.30	8.67	11.46	14.67	18.31	22.39	26.89	31.83
		45	2.52	3.68	5.24	7.20	9.57	12.36	15.57	19.20	23.25	27.73
4HN100E-2x500EC_VB-M1H	10	32	3.11	4.96	7.23	9.91	13.02	16.57	20.56	24.99	29.87	35.18
		38	2.78	4.34	6.30	8.67	11.46	14.67	18.31	22.39	26.89	31.83
		45	2.52	3.68	5.24	7.20	9.57	12.36	15.57	19.20	23.25	27.73
4LN060E-2x500EC_VB-M1L	6	32	4.76	6.30	8.29	10.71	13.57	16.84	20.51			
		38	4.05	5.40	7.19	9.42	12.07	15.14	18.61			
		45	3.20	4.32	5.89	7.89	10.30	13.13	16.36			
4HN120E-2x500EC_VB-M2HP	12	32	3.71	5.91	8.59	11.75	15.40	19.54	24.18	29.32	34.94	41.05
		38	3.33	5.17	7.48	10.26	13.53	17.27	21.50	26.21	31.39	37.05
		45	3.01	4.39	6.22	8.52	11.28	14.52	18.23	22.41	27.07	32.18
4HN120E-2x500EC_VB-M2H	12	32	3.71	5.91	8.59	11.75	15.40	19.54	24.18	29.32	34.94	41.05
		38	3.33	5.17	7.48	10.26	13.53	17.27	21.50	26.21	31.39	37.05
		45	3.01	4.39	6.22	8.52	11.28	14.52	18.23	22.41	27.07	32.18
4LN080E-2x500EC_VB-M2L	8	32	5.67	7.49	9.83	12.69	16.04	19.88	24.19			
		38	4.82	6.41	8.52	11.15	14.26	17.86	21.92			
		45	3.80	5.12	6.97	9.32	12.16	15.47	19.25			
4HN150E-2x800EC_VB-M3HP	15	32	4.38	7.01	10.24	14.09	18.57	23.70	29.49	35.95	43.09	50.92
		38	3.91	6.32	8.93	12.33	16.36	21.02	26.32	32.29	38.91	46.21
		45	3.53	5.19	7.43	10.26	13.70	17.75	22.45	27.78	33.77	40.41
4HN150E-2x500EC_VB-M3H	15	32	4.31	6.85	9.92	13.53	17.69	22.40	27.65	33.43	39.74	46.56
		38	3.87	5.92	8.64	11.82	15.52	19.76	24.53	29.82	35.63	41.93
		45	3.51	5.09	7.18	9.79	12.90	16.59	20.76	25.44	30.63	
4LN100E-2x500EC_VB-M3L	10	32	6.56	8.65	11.08	14.61	18.44	22.82	27.73			
		38	5.57	6.76	9.82	12.82	16.38	20.48	25.10			
		45	4.38	5.90	8.01	10.70	13.59	17.71	22.01			
4HN200E-2x800EC_VB-M4HP	20	32	4.98	7.98	11.39	15.99	21.04	26.82	33.33	40.58	48.57	57.32
		38	4.46	6.97	10.14	13.99	18.53	23.77	29.72	36.40	43.80	51.94
		45	4.03	5.91	8.43	11.62	15.05	20.05	25.31	31.27	37.95	45.34
4HN200E-2x500EC_VB-M4H	20	32	4.91	7.77	10.98	15.27	19.91	25.14	30.95	37.33	44.26	51.72
		38	4.40	6.80	9.77	13.32	17.45	22.15	27.42	33.24	39.59	46.47
		45	4.00	5.77	8.12	11.03	14.08	18.55				
4LN120E-2x500EC_VB-M4L	12	32	7.44	9.79	12.52	16.48	20.77	25.67	31.14			
		38	6.31	8.36	11.08	14.44	18.43	23.01	28.16			
		45	4.96	6.66	9.03	12.03	15.26	19.87				
4H220E-2x800EC_VB-M5HP	22	32	11.46	12.56	14.67	18.72	23.71	29.89	37.21	45.58	54.93	65.15
		38	9.93	10.88	13.08	16.50	21.09	26.78	33.53	41.24	49.85	59.26
		45	8.45	9.14	10.99	13.96	17.55	23.04	29.04	35.92	43.61	52.01
4H220E-2x800EC_VB-M5H	22	32	11.39	12.47	14.56	18.56	23.48	29.57	36.75	44.95	54.06	63.99
		38	9.88	10.81	12.99	16.36	20.87	26.47	33.08	40.62	48.99	58.10
		45	8.41	9.09	10.90	13.83	17.35	22.75	28.61	35.32		
4L150E-2x800EC_VB-M5L	12	32	8.76	11.57	14.86	19.62	24.82	30.77	37.45			
		38	7.45	9.91	13.18	17.24	22.07	27.65	33.95			
		45	5.87	7.92	10.78	14.42	18.35	23.96	29.82			
4H250E-2x800EC_VB-M6HP	25	32	13.19	14.45	16.86	21.50	27.18	34.22	42.53	51.99	62.51	73.96
		38	11.44	12.52	15.04	18.94	24.16	30.64	38.27	46.97	56.63	67.14
		45	9.75	10.53	12.63	16.01	20.08	26.32	33.09	40.83	49.42	
4H250E-2x800EC_VB-M6H	25	32	13.10	14.34	16.71	21.29	26.89	33.80	41.92	51.15	61.36	72.41
		38	11.37	12.43	14.91	18.75	23.88	30.22	37.68	46.14	55.49	65.61
		45	9.70	10.45	12.51	15.83	19.82	25.92	32.52	40.02		
4L180E-2x800EC_VB-M6L	18	32	10.08	13.29	17.05	22.48	28.40	35.16	42.74			
		38	8.56	11.37	15.11	19.74	25.23	31.57	38.71			
		45	6.74	9.08	12.33	16.48	20.94	27.32	33.96			

VBox Condensing Unit Capacity R404A

STEP 6

Choose the capacity [kW] from the table on the left based on your selected ambient and best temperature range.

STEP 7

Go to Page 20 for technical data.

MODEL	Nominal HP	Ambient °C	Refrigeration Capacity [kW]									
			Saturated Suction Temperature [°C]									
			-40	-35	-30	-25	-20	-15	-10	-5	0	5
4H300E-3x800EC_VB-M7HP	30	32	15.31	16.80	19.63	25.08	31.78	40.11	49.99	61.33	74.03	87.98
		38	13.27	14.55	17.52	22.11	28.29	35.97	45.09	55.56	67.27	80.12
		45	11.28	12.22	14.71	18.71	23.56	30.98	39.12	48.47	58.95	70.45
4H300E-2x800EC_VB-M7H	30	32	15.02	16.43	19.15	24.39	30.80	38.72	48.02	58.58	70.25	82.89
		38	13.03	14.25	17.08	21.48	27.36	34.62	43.15	52.83	63.53	75.09
		45	11.11	11.98	14.34	18.14	22.70	29.69	37.24	45.82		
4L220E-2x800EC_VB-M7L	22	32	11.55	15.23	19.54	25.76	32.54	40.28	48.96			
		38	9.81	13.03	17.31	22.61	28.91	36.16	44.34			
		45	7.73	10.40	14.13	18.88	23.99	31.29	38.89			
4H350E-3x800EC_VB-M8HP	35	32	18.17	19.91	23.24	29.65	37.53	47.30	58.84	72.02	86.72	102.77
		38	15.75	17.25	20.73	26.13	33.38	42.37	52.99	65.13	78.65	93.40
		45	13.41	14.50	17.41	22.10	27.76	36.43	45.88	56.69	68.74	81.89
4H350E-2x800EC_VB-M8H	35	32	17.75	19.39	22.56	28.69	36.16	45.33	56.05	68.14	81.41	95.64
		38	15.42	16.82	20.12	25.24	32.07	40.46	50.27	61.31	73.41	86.38
		45	13.17	14.15	16.89	21.29	26.55	34.61	43.25			
4L250E-2x800EC_VB-M8L	25	32	13.75	18.08	23.13	30.44	38.37	47.41	57.51			
		38	11.67	15.45	20.47	26.68	34.04	42.50	52.01			
		45	9.17	12.31	16.67	22.23	28.18	36.70	45.52			
6H370E-3x800EC_VB-M9HP	37	32	19.79	21.68	25.29	32.25	40.79	51.35	63.80	78.00	93.78	110.96
		38	17.17	18.79	22.56	28.41	36.25	45.96	57.42	70.47	84.96	100.72
		45	14.63	15.79	18.95	24.01	30.13	39.48	49.65	61.25	74.15	
6H370E-2x800EC_VB-M9H	37	32	19.30	21.06	24.49	31.10	39.15	49.01	60.50	73.40	87.49	102.53
		38	16.78	18.28	21.84	27.36	34.70	43.70	54.19	65.95	78.77	92.44
		45	14.34	15.38	18.32	23.06	28.69	37.33				
6L270E-2x800EC_VB-M9L	27	32	14.86	19.52	24.95	32.80	41.30	50.98	61.77			
		38	12.61	16.67	22.06	28.73	36.61	45.66	55.82			
		45	9.90	13.26	17.95	23.90	30.26	39.38				
6H400E-4x800EC_VB-M10HP	40	32	22.93	25.13	29.36	37.48	47.46	59.85	74.51	91.30	110.04	130.57
		38	19.87	21.78	26.19	33.04	42.22	53.63	67.15	82.62	99.88	118.77
		45	16.91	18.30	22.00	27.94	35.14	46.15	58.18	71.98	87.40	104.27
6H400E-3x800EC_VB-M10H	40	32	22.58	24.70	28.79	36.67	46.31	58.21	72.19	88.05	105.60	124.59
		38	19.60	21.42	25.68	32.29	41.13	52.04	64.87	79.42	95.49	112.86
		45	16.71	18.01	21.56	27.27	34.13	44.63	55.98	68.87		
6L300E-3x800EC_VB-M10L	30	32	17.37	22.90	29.37	38.72	48.92	60.56	73.60			
		38	14.76	19.59	26.02	33.99	43.46	54.36	66.66			
		45	11.62	15.64	21.25	28.38	36.06	47.04				
6H500E-4x800EC_VB-M11HP	50	32	27.16	29.75	34.70	44.25	55.95	70.43	87.50	106.95	128.55	152.05
		38	23.56	25.79	30.96	38.98	49.73	63.04	78.73	96.61	116.44	138.00
		45	20.08	21.67	26.00	32.94	41.32	54.14	68.07	83.95	101.59	120.76
6H500E-3x800EC_VB-M11H	50	32	26.67	29.14	33.91	43.11	54.34	68.12	84.23	102.39	122.32	143.70
		38	23.18	25.28	30.24	37.94	48.19	60.80	75.53	92.12	110.30	129.77
		45	19.80	21.27	25.38	32.00	39.90	52.01	64.98			
6L400E-3x800EC_VB-M11L	40	32	20.62	27.12	34.69	45.66	57.56	71.12	86.26			
		38	17.50	23.17	30.70	40.02	51.06	63.75	78.01			
		45	13.75	18.46	25.01	33.34	42.27	55.04				

VBox Condensing Unit Capacity R134a



MODEL	Nominal HP	Ambient °C	Refrigeration Capacity [kW]							
			Saturated Suction Temperature [°C]							
			-20	-15	-10	-5	0	5	10	15
4HN100E-2x500EC_VB-M1HP	10	32	7.01	9.17	11.89	15.10	18.78	22.86	27.30	32.06
		38	6.31	8.32	10.86	13.89	17.36	21.23	25.45	29.97
		45	5.39	7.22	9.58	12.40	15.66	19.29	23.27	27.53
4HN100E-2x500EC_VB-M1H	10	32	7.01	9.17	11.89	15.10	18.78	22.86	27.30	32.06
		38	6.31	8.32	10.86	13.89	17.36	21.23	25.45	29.97
		45	5.39	7.22	9.58	12.40	15.66	19.29	23.27	27.53
4LN060E-2x500EC_VB-M1L	6	32	6.95	9.20	11.96	15.22	18.97	23.21		
		38	6.36	8.44	11.01	14.07	17.60	21.60		
		45	5.70	7.59	9.95	12.77	16.05	19.77		
4HN120E-2x500EC_VB-M2HP	12	32	8.37	10.93	14.14	17.94	22.27	27.07	32.28	37.83
		38	7.52	9.90	12.90	16.48	20.58	25.12	30.07	35.35
		45	6.42	8.59	11.38	14.72	18.55	22.83	27.49	32.47
4HN120E-2x500EC_VB-M2H	12	32	8.37	10.93	14.14	17.94	22.27	27.07	32.28	37.83
		38	7.52	9.90	12.90	16.48	20.58	25.12	30.07	35.35
		45	6.42	8.59	11.38	14.72	18.55	22.83	27.49	32.47
4LN080E-2x500EC_VB-M2L	8	32	8.30	10.96	14.22	18.08	22.51	27.48		
		38	7.59	10.05	13.10	16.72	20.88	25.57		
		45	6.80	9.04	11.84	15.17	19.04	23.40		
4HN150E-2x800EC_VB-M3HP	15	32	9.89	12.96	16.81	21.40	26.65	32.51	38.90	45.77
		38	8.92	11.76	15.38	19.70	24.67	30.22	36.29	42.83
		45	7.63	10.23	13.58	17.61	22.27	27.48	33.20	39.36
4HN150E-2x500EC_VB-M3H	15	32	9.70	12.65	16.35	20.72	25.68	31.17	37.10	43.41
		38	8.71	11.44	14.90	19.01	23.70	28.90	34.54	40.54
		45	7.42	9.92	13.13	16.96	21.36	26.25	31.56	
4LN100E-2x500EC_VB-M3L	10	32	9.62	12.69	16.45	20.88	25.95	31.63		
		38	8.80	11.64	15.15	19.31	24.08	29.44		
		45	7.89	10.47	13.69	17.53	21.95	26.94		
4HN200E-2x800EC_VB-M4HP	20	32	11.27	14.75	19.13	24.32	30.27	36.89	44.11	51.85
		38	10.15	13.38	17.48	22.38	28.00	34.28	41.13	48.49
		45	8.68	11.64	15.44	20.00	25.27	31.17	37.62	44.56
4HN200E-2x500EC_VB-M4H	20	32	11.02	14.35	18.52	23.44	29.01	35.15	41.77	48.80
		38	9.88	12.97	16.87	21.49	26.76	32.58	38.87	45.55
		45	8.42	11.24	14.85	19.17	24.11	29.58		
4LN120E-2x500EC_VB-M4L	12	32	10.93	14.40	18.65	23.63	29.32	35.68		
		38	10.00	13.21	17.17	21.85	27.20	33.20		
		45	8.97	11.89	15.52	19.83	24.80	30.38		
4H220E-2x800EC_VB-M5HP	22	32	12.85	17.00	22.09	28.13	35.06	42.88	51.53	61.00
		38	11.76	15.59	20.35	26.00	32.53	39.90	48.09	57.05
		45	10.54	14.02	18.38	23.60	29.66	36.52	44.16	52.55
4H220E-2x800EC_VB-M5H	22	32	12.80	16.91	21.97	27.93	34.79	42.49	51.00	60.29
		38	11.71	15.52	20.23	25.82	32.27	39.54	47.59	56.39
		45	10.50	13.95	18.28	23.44	29.42	36.19	43.70	
4L150E-2x800EC_VB-M5L	12	32	12.80	16.91	21.97	27.93	34.79	42.49		
		38	11.71	15.52	20.23	25.82	32.27	39.54		
		45	10.50	13.95	18.28	23.44	29.42	36.19		
4H250E-2x800EC_VB-M6HP	25	32	14.83	19.60	25.45	32.36	40.28	49.19	59.04	69.77
		38	13.57	17.98	23.44	29.91	37.37	45.78	55.09	65.25
		45	12.17	16.17	21.17	27.15	34.07	41.90	50.59	60.10
4H250E-2x800EC_VB-M6H	25	32	14.72	19.41	25.15	31.92	39.65	48.31	57.83	68.17
		38	13.46	17.81	23.17	29.51	36.79	44.95	53.96	63.75
		45	12.07	16.01	20.93	26.78	33.54	41.14		
4L180E-2x800EC_VB-M6L	18	32	14.72	19.41	25.15	31.92	39.65	48.31		
		38	13.46	17.81	23.17	29.51	36.79	44.95		
		45	12.07	16.01	20.93	26.78	33.54	41.14		

VBox Condensing Unit Capacity R134a

STEP 6

Choose the capacity [kW] from the table on the right based on your selected ambient and best temperature range.

STEP 7

Go to Page 20 for technical data.

MODEL	Nominal HP	Ambient °C	Refrigeration Capacity [kW]							
			Saturated Suction Temperature [°C]							
			-20	-15	-10	-5	0	5	10	15
4H300E-3x800EC_VB-M7HP	30	32	17.11	22.63	29.43	37.47	46.73	57.17	68.73	81.39
		38	15.65	20.76	27.10	34.65	43.36	53.20	64.14	76.13
		45	14.03	18.67	24.49	31.45	39.53	48.69	58.90	70.12
4H300E-2x800EC_VB-M7H	30	32	16.87	22.24	28.83	36.58	45.43	55.35	66.25	78.07
		38	15.43	20.41	26.55	33.81	42.15	51.50	61.81	73.01
		45	13.84	18.35	23.99	30.69	38.43	47.13	56.75	
4L220E-2x800EC_VB-M7L	22	32	16.87	22.24	28.83	36.58	45.43	55.35		
		38	15.43	20.41	26.55	33.81	42.15	51.50		
		45	13.84	18.35	23.99	30.69	38.43	47.13		
4H350E-3x800EC_VB-M8HP	35	32	20.34	26.87	34.90	44.38	55.25	67.48	80.99	95.72
		38	18.61	24.66	32.14	41.03	51.26	62.80	75.57	89.52
		45	16.68	22.17	29.04	37.24	46.73	57.47	69.40	82.45
4H350E-2x800EC_VB-M8H	35	32	20.00	26.33	34.05	43.12	53.44	64.94	77.54	91.13
		38	18.30	24.16	31.36	39.86	49.58	60.43	72.34	85.22
		45	16.41	21.73	28.34	36.18	45.19	55.29		
4L250E-2x800EC_VB-M8L	25	32	20.12	26.48	34.25	43.36	53.74	65.30		
		38	18.41	24.30	31.55	40.09	49.86	60.77		
		45	16.51	21.85	28.50	36.39	45.45			
6H370E-3x800EC_VB-M9HP	37	32	22.19	29.29	38.01	48.30	60.08	73.31	87.90	103.77
		38	20.30	26.88	35.01	44.65	55.74	68.22	82.01	97.05
		45	18.20	24.17	31.63	40.53	50.82	62.43	75.31	89.38
6H370E-2x800EC_VB-M9H	37	32	21.78	28.64	37.01	46.80	57.94	70.31	83.83	98.38
		38	19.93	26.28	34.09	43.27	53.75	65.42	78.21	91.99
		45	17.87	23.64	30.80	39.27	48.99			
6L270E-2x800EC_VB-M9L	27	32	21.78	28.64	37.01	46.80	57.94	70.31		
		38	19.93	26.28	34.09	43.27	53.75	65.42		
		45	17.87	23.64	30.80	39.27	48.99			
6H400E-4x800EC_VB-M10HP	40	32	25.65	33.90	44.05	56.05	69.83	85.35	102.51	121.25
		38	23.46	31.10	40.57	51.82	64.79	79.42	95.66	113.41
		45	21.03	27.97	36.65	47.04	59.07	72.69	87.84	104.45
6H400E-3x800EC_VB-M10H	40	32	25.36	33.45	43.34	54.99	68.31	83.21	99.60	117.37
		38	23.20	30.69	39.92	50.84	63.37	77.43	92.93	109.76
		45	20.80	27.60	36.07	46.15	57.77	70.86	85.32	
6L300E-3x800EC_VB-M10L	30	32	25.36	33.45	43.34	54.99	68.31	83.21		
		38	23.20	30.69	39.92	50.84	63.37	77.43		
		45	20.80	27.60	36.07	46.15	57.77	70.86		
6H500E-4x800EC_VB-M11HP	50	32	30.46	40.21	52.17	66.28	82.44	100.56	120.56	142.30
		38	27.87	36.89	48.05	61.27	76.48	93.58	112.49	133.09
		45	24.99	33.18	43.41	55.62	69.72	85.65	103.29	122.56
6H500E-3x800EC_VB-M11H	50	32	30.06	39.57	51.18	64.80	80.31	97.59	116.52	136.94
		38	27.51	36.31	47.14	59.91	74.50	90.81	108.71	128.05
		45	24.66	32.65	42.59	54.37	67.91	83.09		
6L400E-3x800EC_VB-M11L	40	32	30.18	39.72	51.38	65.05	80.61	97.96		
		38	27.61	36.45	47.32	60.13	74.78	91.15		
		45	24.76	32.78	42.75	54.58	68.17	83.40		

Indoor Condensing Unit Capacity R404A



MODEL	Nominal HP	Ambient °C	Refrigeration Capacity [kW]									
			Saturated Suction Temperature [°C]									
			-40	-35	-30	-25	-20	-15	-10	-5	0	5
4HN100E-2x500EC_IN-M1HP	10	32	3.11	4.96	7.06	9.89	13.00	16.53	20.50	24.91	29.76	35.04
		38	2.78	4.33	6.29	8.65	11.43	14.63	18.25	22.30	26.78	31.69
		45	2.51	3.67	5.23	7.18	9.27	12.32	15.51	19.12	23.15	27.59
4HN100E-2x500EC_IN-M1H	10	32	3.11	4.96	7.06	9.89	13.00	16.53	20.50	24.91	29.76	35.04
		38	2.78	4.33	6.29	8.65	11.43	14.63	18.25	22.30	26.78	31.69
		45	2.51	3.67	5.23	7.18	9.27	12.32	15.51	19.12	23.15	27.59
4LN060E-2x500EC_IN-M1L	6	32	4.76	6.29	8.09	10.69	13.54	16.80	20.46			
		38	4.05	5.39	7.18	9.40	12.05	15.10	18.56			
		45	3.19	4.31	5.87	7.87	10.02	13.10	16.32			
4HN120E-2x500EC_IN-M2HP	12	32	3.71	5.90	8.39	11.72	15.35	19.48	24.09	29.20	34.79	40.85
		38	3.33	5.16	7.47	10.24	13.49	17.21	21.41	26.09	31.24	36.85
		45	3.01	4.38	6.21	8.49	10.92	14.47	18.15	22.31		
4HN120E-2x500EC_IN-M2H	12	32	3.71	5.90	8.39	11.72	15.35	19.48	24.09	29.20	34.79	40.85
		38	3.33	5.16	7.47	10.24	13.49	17.21	21.41	26.09	31.24	36.85
		45	3.01	4.38	6.21	8.49	10.92	14.47	18.15	22.31		
4LN080E-2x500EC_IN-M2L	8	32	5.66	7.47	9.59	12.66	16.00	19.83	24.11			
		38	4.81	6.40	8.50	11.12	14.22	17.81	21.85			
		45	3.79	5.11	6.95	9.29	11.81	15.42	19.18			
4HN150E-4x500EC_IN-M3HP	15	32	4.36	6.98	9.96	13.98	18.39	23.44	29.12	35.44	42.42	50.04
		38	3.90	6.10	8.87	12.23	16.19	20.77	25.96	31.79	38.25	45.34
		45	3.53	5.17	7.38	10.16	13.16	17.52	22.10	27.31	33.13	39.57
4HN150E-2x500EC_IN-M3H	15	32	4.31	6.84	9.69	13.50	17.64	22.32	27.53	33.27	39.53	46.29
		38	3.87	5.98	8.62	11.78	15.47	19.69	24.42	29.67	35.42	41.67
		45	3.51	5.08	7.17	9.77	12.51	16.51	20.65	25.30		
4LN100E-2x500EC_IN-M3L	10	32	6.55	8.63	11.06	14.57	18.39	22.75	27.63			
		38	5.56	7.38	9.79	12.78	16.33	20.41	25.01			
		45	4.38	5.89	7.99	10.66	13.54	17.65	21.92			
4HN200E-4x500EC_IN-M4HP	20	32	4.97	7.93	11.31	15.84	20.82	26.48	32.85	39.92	47.70	56.18
		38	4.45	6.94	10.07	13.85	18.31	23.44	29.25	35.76	42.95	50.82
		45	4.02	5.88	8.37	11.50	14.86	19.74	24.87	30.66	37.12	44.26
4HN200E-2x500EC_IN-M4H	20	32	4.90	7.75	10.95	15.23	19.84	25.04	30.81	37.13	43.99	51.37
		38	4.40	6.79	9.74	13.28	17.38	22.05	27.27	33.04	39.33	46.13
		45	4.00	5.76	8.10	10.99	14.02	18.45	23.01			
4LN120E-2x500EC_IN-M4L	12	32	7.43	9.76	12.49	16.43	20.70	25.57	31.01			
		38	6.30	8.34	11.05	14.40	18.36	22.92	28.04			
		45	4.95	6.64	9.00	11.99	15.19	19.78				
4H220E-2x800EC_IN-M5HP	22	32	11.53	12.65	14.79	18.89	23.95	30.24	37.70	46.27	55.87	66.43
		38	9.99	10.96	13.19	16.66	21.32	27.12	34.01	41.92	50.79	60.52
		45	8.49	9.20	11.08	14.10	17.76	23.37	29.51	36.59	44.52	53.25
4H220E-4x500EC_IN-M5H	22	32	11.37	12.45	14.53	18.53	23.43	29.50	36.65	44.81	53.87	63.73
		38	9.86	10.80	12.96	16.33	20.83	26.41	32.98	40.48	48.80	57.85
		45	8.40	9.07	10.89	13.80	17.31	22.68	28.52	35.18		
4L150E-4x500EC_IN-M5L	12	32	8.75	11.55	14.84	19.58	24.76	30.70	37.35			
		38	7.44	9.89	13.15	17.20	22.02	27.58	33.86			
		45	5.86	7.91	10.75	14.38	18.77	23.90	29.73			
4H250E-2x800EC_IN-M6HP	25	32	13.29	14.57	17.02	21.72	27.51	34.69	43.18	52.91	63.76	75.65
		38	11.52	12.63	15.18	19.15	24.47	31.08	38.91	47.88	57.87	68.81
		45	9.80	10.61	12.75	16.20	20.88	26.75	33.72	41.71	50.64	60.40
4H250E-4x500EC_IN-M6H	25	32	13.08	14.31	16.68	21.24	26.82	33.71	41.79	50.97	61.11	72.08
		38	11.36	12.41	14.88	18.70	23.82	30.13	37.55	45.96	55.25	
		45	9.69	10.43	12.49	15.79	20.27	25.84	32.40	39.85		
4L180E-4x500EC_IN-M6L	18	32	10.07	13.27	17.01	22.43	28.33	35.07	42.61			
		38	8.55	11.35	15.07	19.69	25.17	31.48	38.59			
		45	6.73	9.06	12.30	16.43	21.42	27.23	33.84			

Indoor Condensing Unit Capacity R404A

STEP 6

Choose the capacity [kW] from the table on the left based on your selected ambient and best temperature range.

STEP 7

Go to Page 21 for technical data.

MODEL	Nominal HP	Ambient °C	Refrigeration Capacity [kW]									
			Saturated Suction Temperature [°C]									
			-40	-35	-30	-25	-20	-15	-10	-5	0	5
4H300E-2x800EC_IN-M7HP	30	32	15.14	16.59	19.36	24.69	31.23	39.32	48.87	59.77	71.88	85.08
		38	13.13	14.38	17.27	21.75	27.76	35.20	43.99	54.01	65.14	77.25
		45	11.19	12.08	14.50	18.39	23.66	30.25	38.05	46.96	56.87	
4H300E-4x500EC_IN-M7H	30	32	14.87	16.25	18.92	24.06	30.33	38.05	47.07	57.25	68.44	80.46
		38	12.92	14.10	16.87	21.17	26.91	33.97	42.22	51.53	61.74	72.70
		45	11.03	11.86	14.16	17.86	22.87	29.07	36.34			
4L220E-4x500EC_IN-M7L	22	32	11.45	15.06	19.28	25.39	32.02	39.57	48.02			
		38	9.72	12.87	17.07	22.26	28.41	35.49	43.44			
		45	7.64	10.26	13.91	18.55	24.14	30.65	38.03			
4H350E-2x800EC_IN-M8HP	35	32	17.93	19.61	22.85	29.11	36.75	46.18	57.25	69.82	83.69	98.70
		38	15.56	17.01	20.39	25.63	32.63	41.28	51.44	62.95	75.66	89.38
		45	13.27	14.30	17.12	21.64	27.77	35.40	44.38	54.57		
4H350E-4x500EC_IN-M8H	35	32	17.55	19.14	22.24	28.23	35.50	44.39	54.72	66.29	78.88	92.27
		38	15.27	16.62	19.83	24.82	31.44	39.55	48.96	59.49	70.93	
		45	13.06	13.99	16.64	20.90	26.66					
4L250E-4x500EC_IN-M8L	25	32	13.60	17.84	22.77	29.91	37.64	46.41	56.18			
		38	11.53	15.22	20.13	26.18	33.34	41.54	50.74			
		45	9.05	12.10	16.36	21.76	28.26	35.79				
6H370E-2x800EC_IN-M9HP	37	32	19.51	21.33	24.83	31.60	39.86	50.02	61.92	75.38	90.19	106.15
		38	16.95	18.50	22.15	27.81	35.37	44.68	55.58	67.89	81.42	95.98
		45	14.46	15.56	18.59	23.47	30.07	38.26	47.87			
6H370E-2x800EC_IN-M9H	37	32	19.51	21.33	24.83	31.60	39.86	50.02	61.92	75.38	90.19	106.15
		38	16.95	18.50	22.15	27.81	35.37	44.68	55.58	67.89	81.42	95.98
		45	14.46	15.56	18.59	23.47	30.07	38.26	47.87			
6L270E-2x800EC_IN-M9L	27	32	15.02	19.77	25.32	33.35	42.08	52.03	63.16			
		38	12.75	16.90	22.42	29.25	37.35	46.67	57.16			
		45	10.03	13.48	18.28	24.39	31.76	40.33				
6H400E-2x800EC_IN-M10HP	40	32	22.21	24.25	28.19	35.82	45.10	56.48	69.74	84.64	100.93	118.35
		38	19.31	21.04	25.14	31.51	39.98	50.37	62.48	76.07	90.90	106.73
		45	16.50	17.70	21.10	26.56	33.93	43.04				
6H400E-2x800EC_IN-M10H	40	32	22.21	24.25	28.19	35.82	45.10	56.48	69.74	84.64	100.93	118.35
		38	19.31	21.04	25.14	31.51	39.98	50.37	62.48	76.07	90.90	106.73
		45	16.50	17.70	21.10	26.56	33.93	43.04				
6L300E-2x800EC_IN-M10L	30	32	17.11	22.47	28.72	37.77	47.58	58.74	71.19			
		38	14.51	19.19	25.41	33.09	42.19	52.63	64.35			
		45	11.39	15.28	20.68	27.54	35.80	45.40				
6H500E-2x800EC_IN-M11HP	50	32	26.17	28.51	33.08	41.93	52.64	65.70	80.80	97.63	115.83	135.07
		38	22.78	24.75	29.49	36.84	46.58	58.46	72.19	87.46	103.95	
		45	19.51	20.84	24.73	31.00	39.44	49.78				
6H500E-2x800EC_IN-M11H	50	32	26.17	28.51	33.08	41.93	52.64	65.70	80.80	97.63	115.83	135.07
		38	22.78	24.75	29.49	36.84	46.58	58.46	72.19	87.46	103.95	
		45	19.51	20.84	24.73	31.00	39.44	49.78				
6L400E-2x800EC_IN-M11L	40	32	20.24	26.51	33.78	44.31	55.67	68.56	82.88			
		38	17.14	22.60	29.83	38.75	49.27	61.31	74.77			
		45	13.43	17.94	24.21	32.16	41.70					

Indoor Condensing Unit Capacity R134a



MODEL	Nominal HP	Ambient °C	Refrigeration Capacity [kW]							
			Saturated Suction Temperature [°C]							
			-20	-15	-10	-5	0	5	10	15
4HN100E-2x500EC_IN-M1HP	10	32	6.99	9.13	11.82	15.01	18.65	22.68	27.06	31.74
		38	6.28	8.27	10.79	13.79	17.23	21.05	25.21	29.66
		45	5.36	7.18	9.52	12.32	15.54	19.13	23.05	27.24
4HN100E-2x500EC_IN-M1H	10	32	6.99	9.13	11.82	15.01	18.65	22.68	27.06	31.74
		38	6.28	8.27	10.79	13.79	17.23	21.05	25.21	29.66
		45	5.36	7.18	9.52	12.32	15.54	19.13	23.05	27.24
4LN060E-2x500EC_IN-M1L	6	32	6.93	9.16	11.89	15.13	18.84	23.02		
		38	6.34	8.40	10.95	13.99	17.48	21.42		
		45	5.68	7.56	9.90	12.70	15.94	19.61		
4HN120E-2x500EC_IN-M2HP	12	32	8.33	10.87	14.05	17.81	22.09	26.82	31.94	37.39
		38	7.48	9.84	12.81	16.35	20.39	24.88	29.74	34.92
		45	6.38	8.54	11.29	14.59	18.38	22.60	27.18	
4HN120E-2x500EC_IN-M2H	12	32	8.33	10.87	14.05	17.81	22.09	26.82	31.94	37.39
		38	7.48	9.84	12.81	16.35	20.39	24.88	29.74	34.92
		45	6.38	8.54	11.29	14.59	18.38	22.60	27.18	
4LN080E-2x500EC_IN-M2L	8	32	8.26	10.90	14.14	17.95	22.32	27.22		
		38	7.56	10.00	13.02	16.60	20.71	25.33		
		45	6.78	8.99	11.76	15.07	18.88	23.18		
4HN150E-4x500EC_IN-M3HP	15	32	9.83	12.86	16.67	21.18	26.34	32.08	38.32	45.01
		38	8.85	11.66	15.22	19.48	24.36	29.80	35.73	42.08
		45	7.56	10.13	13.43	17.40	21.97	27.08	32.67	38.66
4HN150E-2x500EC_IN-M3H	15	32	9.65	12.57	16.23	20.54	25.43	30.82	36.64	42.81
		38	8.65	11.36	14.78	18.84	23.46	28.57	34.10	39.97
		45	7.37	9.85	13.01	16.80	21.13	25.94		
4LN100E-2x500EC_IN-M3L	10	32	9.57	12.62	16.34	20.71	25.71	31.29		
		38	8.76	11.58	15.05	19.15	23.85	29.11		
		45	7.85	10.41	13.60	17.38	21.74	26.64		
4HN200E-4x500EC_IN-M4HP	20	32	11.19	14.62	18.93	24.04	29.87	36.33	43.35	50.86
		38	10.07	13.25	17.29	22.10	27.60	33.73	40.40	47.53
		45	8.60	11.51	15.25	19.73	24.89	30.65	36.93	43.66
4HN200E-2x500EC_IN-M4H	20	32	10.95	14.25	18.37	23.21	28.69	34.71	41.19	48.03
		38	9.81	12.86	16.71	21.27	26.44	32.15	38.31	44.83
		45	8.35	11.14	14.70	18.96	23.81			
4LN120E-2x500EC_IN-M4L	12	32	10.87	14.31	18.50	23.41	29.01	35.23		
		38	9.95	13.13	17.04	21.64	26.91	32.79		
		45	8.92	11.81	15.39	19.65	24.53			
4H220E-2x800EC_IN-M5HP	22	32	12.88	17.04	22.16	28.23	35.21	43.08	51.82	61.38
		38	11.78	15.63	20.41	26.10	32.67	40.10	48.35	57.41
		45	10.56	14.06	18.44	23.69	29.78	36.70	44.41	52.88
4H220E-4x500EC_IN-M5H	22	32	12.75	16.83	21.84	27.75	34.52	42.12	50.50	59.61
		38	11.67	15.44	20.12	25.66	32.03	39.19	47.12	55.75
		45	10.46	13.89	18.18	23.29	29.20	35.87		
4L150E-4x500EC_IN-M5L	12	32	12.75	16.83	21.84	27.75	34.52	42.12		
		38	11.67	15.44	20.12	25.66	32.03	39.19		
		45	10.46	13.89	18.18	23.29	29.20	35.87		
4H250E-2x800EC_IN-M6HP	25	32	14.87	19.65	25.54	32.49	40.48	49.47	59.41	70.27
		38	13.60	18.03	23.52	30.04	37.55	46.03	55.44	65.72
		45	12.20	16.22	21.25	27.27	34.24	42.13	50.91	60.53
4H250E-4x500EC_IN-M6H	25	32	14.70	19.38	25.11	31.86	39.57	48.19	57.67	67.95
		38	13.45	17.78	23.13	29.45	36.71	44.84	53.81	63.55
		45	12.06	15.99	20.90	26.73	33.46	41.04		
4L180E-4x500EC_IN-M6L	18	32	14.70	19.38	25.11	31.86	39.57	48.19		
		38	13.45	17.78	23.13	29.45	36.71	44.84		
		45	12.06	15.99	20.90	26.73	33.46	41.04		

Indoor Condensing Unit Capacity R134a

STEP 6

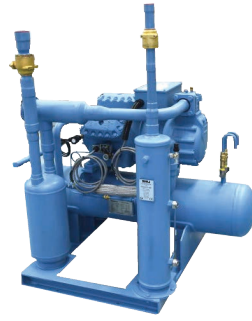
Choose the capacity [kW] from the table on the right based on your selected ambient and best temperature range.

STEP 7

Go to Page 21 for technical data.

MODEL	Nominal HP	Ambient °C	Refrigeration Capacity [kW]							
			Saturated Suction Temperature [°C]							
			-20	-15	-10	-5	0	5	10	15
4H300E-2x800EC_IN-M7HP	30	32	16.97	22.41	29.09	36.96	45.99	56.13	67.31	79.49
		38	15.53	20.56	26.79	34.17	42.67	52.23	62.81	74.34
		45	13.92	18.49	24.20	31.02	38.90	47.80	57.68	
4H300E-4x500EC_IN-M7H	30	32	16.75	22.06	28.54	36.15	44.82	54.48	65.08	76.52
		38	15.33	20.24	26.28	33.42	41.58	50.70	60.71	71.55
		45	13.74	18.20	23.75	30.33	37.90			
4L220E-4x500EC_IN-M7L	22	32	16.75	22.06	28.54	36.15	44.82	54.48		
		38	15.33	20.24	26.28	33.42	41.58	50.70		
		45	13.74	18.20	23.75	30.33	37.90			
4H350E-2x800EC_IN-M8HP	35	32	20.15	26.56	34.42	43.66	54.22	66.03	79.01	93.09
		38	18.43	24.37	31.70	40.36	50.30	61.44	73.72	87.05
		45	16.53	21.92	28.64	36.64	45.85	56.23		
4H350E-4x500EC_IN-M8H	35	32	19.84	26.06	33.65	42.52	52.58	63.75	75.92	89.00
		38	18.15	23.92	30.99	39.31	48.78	59.31	70.83	
		45	16.28	21.51	28.00	35.68				
4L250E-4x500EC_IN-M8L	25	32	19.95	26.22	33.84	42.76	52.87	64.10		
		38	18.26	24.05	31.17	39.53	49.05	59.64		
		45	16.37	21.63	28.16	35.88				
6H370E-2x800EC_IN-M9HP	37	32	21.96	28.92	37.44	47.45	58.86	71.59	85.56	100.67
		38	20.09	26.54	34.48	43.86	54.60	66.62	79.83	94.14
		45	18.01	23.87	31.15	39.81	49.77			
6H370E-2x800EC_IN-M9H	37	32	21.96	28.92	37.44	47.45	58.86	71.59	85.56	100.67
		38	20.09	26.54	34.48	43.86	54.60	66.62	79.83	94.14
		45	18.01	23.87	31.15	39.81	49.77			
6L270E-2x800EC_IN-M9L	27	32	21.96	28.92	37.44	47.45	58.86	71.59		
		38	20.09	26.54	34.48	43.86	54.60	66.62		
		45	18.01	23.87	31.15	39.81	49.77			
6H400E-2x800EC_IN-M10HP	40	32	25.06	32.96	42.60	53.89	66.72	81.00	96.59	113.39
		38	22.93	30.25	39.24	49.82	61.90	75.37	90.11	106.03
		45	20.56	27.20	35.45	45.22	56.42			
6H400E-2x800EC_IN-M10H	40	32	25.06	32.96	42.60	53.89	66.72	81.00	96.59	113.39
		38	22.93	30.25	39.24	49.82	61.90	75.37	90.11	106.03
		45	20.56	27.20	35.45	45.22	56.42			
6L300E-2x800EC_IN-M10L	30	32	25.06	32.96	42.60	53.89	66.72	81.00		
		38	22.93	30.25	39.24	49.82	61.90	75.37		
		45	20.56	27.20	35.45	45.22				
6H500E-2x800EC_IN-M11HP	50	32	29.64	38.89	50.14	63.26	78.11	94.54	112.39	131.50
		38	27.12	35.69	46.18	58.48	72.46	87.96	104.84	
		45	24.32	32.10	41.72	53.08				
6H500E-2x800EC_IN-M11H	50	32	29.64	38.89	50.14	63.26	78.11	94.54	112.39	131.50
		38	27.12	35.69	46.18	58.48	72.46	87.96	104.84	
		45	24.32	32.10	41.72	53.08				
6L400E-2x800EC_IN-M11L	40	32	29.76	39.04	50.33	63.50	78.39	94.88		
		38	27.23	35.83	46.36	58.70	72.72			
		45	24.42	32.22	41.88	53.28				

Remote Unit Capacity R404A



MODEL	Nominal HP	Condensing Temp °C	Refrigeration Capacity [kW]									
			Saturated Suction Temperature [°C]									
			-40	-35	-30	-25	-20	-15	-10	-5	0	5
4HN100E-R-M1HP	10	40	2.73	4.29	6.32	8.84	11.89	15.48	19.64	24.40	29.78	35.81
		45	2.54	3.80	5.53	7.74	10.48	13.75	17.60	22.03	27.08	32.77
		50	2.43	3.37	4.76	6.65	9.04	11.98	15.47	19.55	24.24	29.56
4HN100E-R-M1H	10	40	2.73	4.29	6.32	8.84	11.89	15.48	19.64	24.40	29.78	35.81
		45	2.54	3.80	5.53	7.74	10.48	13.75	17.60	22.03	27.08	32.77
		50	2.43	3.37	4.76	6.65	9.04	11.98	15.47	19.55	24.24	29.56
4LN060E-R-M1L	6	40	3.99	5.39	7.28	9.66	12.53	15.90	19.76			
		45	3.37	4.60	6.32	8.53	11.23	14.41	18.08			
		50	2.73	3.79	5.35	7.38	9.90	12.90	16.39			
4HN120E-R-M2HP	12	40	3.28	5.15	7.58	10.61	14.27	18.58	23.57	29.28	35.74	42.97
		45	3.05	4.56	6.63	9.30	12.58	16.51	21.12	26.44	32.50	39.33
		50	2.92	4.04	5.72	7.98	10.86	14.38	18.57	23.46	29.09	35.48
4HN120E-R-M2H	12	40	3.28	5.15	7.58	10.61	14.27	18.58	23.57	29.28	35.74	42.97
		45	3.05	4.56	6.63	9.30	12.58	16.51	21.12	26.44	32.50	39.33
		50	2.92	4.04	5.72	7.98	10.86	14.38	18.57	23.46	29.09	35.48
4LN080E-R-M2L	8	40	4.79	6.47	8.74	11.59	15.04	19.08	23.71			
		45	4.04	5.52	7.59	10.24	13.47	17.29	21.70			
		50	3.28	4.56	6.42	8.86	11.88	15.48	19.67			
4HN150E-R-M3HP	15	40	3.83	6.01	8.85	12.38	16.65	21.67	27.50	34.17	41.70	50.14
		45	3.56	5.32	7.74	10.85	14.68	19.26	24.64	30.85	37.92	45.88
		50	3.41	4.72	6.68	9.32	12.67	16.78	21.67	27.38	33.94	41.40
4HN150E-R-M3H	15	40	3.83	6.01	8.85	12.38	16.65	21.67	27.50	34.17	41.70	50.14
		45	3.56	5.32	7.74	10.85	14.68	19.26	24.64	30.85	37.92	45.88
		50	3.41	4.72	6.68	9.32	12.67	16.78	21.67	27.38	33.94	41.40
4LN100E-R-M3L	10	40	5.59	7.55	10.19	13.53	17.55	22.26	27.66			
		45	4.71	6.44	8.85	11.94	15.72	20.17	25.32			
		50	3.82	5.31	7.48	10.33	13.86	18.06	22.95			
4HN200E-R-M4HP	20	40	4.37	6.86	10.11	14.15	19.02	24.77	31.43	39.04	47.65	57.30
		45	4.06	6.08	8.84	12.39	16.77	22.01	28.16	35.25	43.33	52.43
		50	3.89	5.39	7.62	10.64	14.47	19.16	24.75	31.28	38.78	47.31
4HN200E-R-M4H	20	40	4.37	6.86	10.11	14.15	19.02	24.77	31.43	39.04	47.65	57.30
		45	4.06	6.08	8.84	12.39	16.77	22.01	28.16	35.25	43.33	52.43
		50	3.89	5.39	7.62	10.64	14.47	19.16	24.75	31.28	38.78	47.31
4LN120E-R-M4L	12	40	6.39	8.63	11.65	15.46	20.06	25.44	31.61			
		45	5.39	7.36	10.12	13.65	17.96	23.06	28.93			
		50	4.37	6.07	8.56	11.81	15.84	20.65	26.22			
4H220E-R-M5HP	22	40	9.86	10.88	13.21	16.86	21.82	28.10	35.68	44.57	54.78	66.29
		45	8.76	9.58	11.65	14.97	19.53	25.34	32.39	40.68	50.22	60.99
		50	7.83	8.41	10.17	13.11	17.22	22.51	28.98	36.61	45.43	55.41
4H220E-R-M5H	22	40	9.86	10.88	13.21	16.86	21.82	28.10	35.68	44.57	54.78	66.29
		45	8.76	9.58	11.65	14.97	19.53	25.34	32.39	40.68	50.22	60.99
		50	7.83	8.41	10.17	13.11	17.22	22.51	28.98	36.61	45.43	55.41
4L150E-R-M5L	12	40	7.38	9.97	13.46	17.86	23.17	29.39	36.52			
		45	6.23	8.51	11.69	15.77	20.75	26.64	33.43			
		50	5.05	7.02	9.89	13.65	18.30	23.85	30.30			
4H250E-R-M6HP	25	40	11.43	12.62	15.33	19.56	25.31	32.58	41.38	51.69	63.53	76.88
		45	10.15	11.11	13.52	17.36	22.65	29.39	37.56	47.18	58.24	70.73
		50	9.09	9.76	11.80	15.20	19.97	26.11	33.60	42.46	52.68	64.27
4H250E-R-M6H	25	40	11.43	12.62	15.33	19.56	25.31	32.58	41.38	51.69	63.53	76.88
		45	10.15	11.11	13.52	17.36	22.65	29.39	37.56	47.18	58.24	70.73
		50	9.09	9.76	11.80	15.20	19.97	26.11	33.60	42.46	52.68	64.27
4L180E-R-M6L	18	40	8.56	11.56	15.61	20.71	26.87	34.09	42.35			
		45	7.22	9.86	13.55	18.29	24.07	30.89	38.77			
		50	5.85	8.14	11.46	15.83	21.23	27.66	35.14			

Remote Unit Capacity R404A

STEP 6

Choose the capacity [kW] from the table on the left based on your selected ambient and best temperature range.

STEP 7

Go to Page 22 for technical data. Note: Condenser not included.

MODEL	Nominal HP	Condensing Temp °C	Refrigeration Capacity [kW]									
			Saturated Suction Temperature [°C]									
			-40	-35	-30	-25	-20	-15	-10	-5	0	5
4H300E-R-M7HP	30	40	13.11	14.47	17.58	22.43	29.02	37.37	47.45	59.28	72.86	88.17
		45	11.65	12.74	15.50	19.91	25.98	33.70	43.08	54.11	66.79	81.12
		50	10.42	11.19	13.53	17.44	22.91	29.94	38.54	48.70	60.42	73.70
4H300E-R-M7H	30	40	13.11	14.47	17.58	22.43	29.02	37.37	47.45	59.28	72.86	88.17
		45	11.65	12.74	15.50	19.91	25.98	33.70	43.08	54.11	66.79	81.12
		50	10.42	11.19	13.53	17.44	22.91	29.94	38.54	48.70	60.42	73.70
4L220E-R-M7L	22	40	9.81	13.25	17.90	23.75	30.82	39.09	48.57			
		45	8.28	11.31	15.54	20.97	27.60	35.43	44.46			
		50	6.70	9.33	13.14	18.15	24.34	31.72	40.30			
4H350E-R-M8HP	35	40	15.67	17.30	21.01	26.81	34.70	44.67	56.73	70.87	87.10	105.41
		45	13.92	15.24	18.53	23.81	31.06	40.29	51.50	64.68	79.84	96.98
		50	12.46	13.38	16.18	20.84	27.38	35.79	46.07	58.22	72.23	88.11
4H350E-R-M8H	35	40	15.67	17.30	21.01	26.81	34.70	44.67	56.73	70.87	87.10	105.41
		45	13.92	15.24	18.53	23.81	31.06	40.29	51.50	64.68	79.84	96.98
		50	12.46	13.38	16.18	20.84	27.38	35.79	46.07	58.22	72.23	88.11
4L250E-R-M8L	25	40	11.81	15.95	21.53	28.58	37.08	47.03	58.43			
		45	9.96	13.61	18.70	25.23	33.21	42.62	53.48			
		50	8.07	11.23	15.82	21.83	29.28	38.17	48.48			
6H370E-R-M9HP	37	40	17.15	18.93	22.99	29.34	37.97	48.89	62.08	77.56	95.31	115.35
		45	15.24	16.67	20.28	26.05	33.99	44.09	56.36	70.79	87.38	106.13
		50	13.63	14.64	17.70	22.81	29.97	39.17	50.42	63.71	79.04	96.42
6H370E-R-M9H	37	40	17.15	18.93	22.99	29.34	37.97	48.89	62.08	77.56	95.31	115.35
		45	15.24	16.67	20.28	26.05	33.99	44.09	56.36	70.79	87.38	106.13
		50	13.63	14.64	17.70	22.81	29.97	39.17	50.42	63.71	79.04	96.42
6L270E-R-M9L	27	40	12.84	17.34	23.42	31.08	40.32	51.14	63.55			
		45	10.83	14.80	20.33	27.44	36.11	46.35	58.16			
		50	8.78	12.21	17.20	23.74	31.85	41.50	52.72			
6H400E-R-M10HP	40	40	19.72	21.76	26.43	33.72	43.65	56.19	71.36	89.15	109.56	132.59
		45	17.51	19.17	23.31	29.94	39.07	50.68	64.78	81.36	100.43	121.98
		50	15.67	16.83	20.35	26.22	34.45	45.02	57.95	73.23	90.86	110.83
6H400E-R-M10H	40	40	19.72	21.76	26.43	33.72	43.65	56.19	71.36	89.15	109.56	132.59
		45	17.51	19.17	23.31	29.94	39.07	50.68	64.78	81.36	100.43	121.98
		50	15.67	16.83	20.35	26.22	34.45	45.02	57.95	73.23	90.86	110.83
6L300E-R-M10L	30	40	14.76	19.93	26.92	35.72	46.34	58.79	73.04			
		45	12.45	17.01	23.37	31.54	41.51	53.28	66.85			
		50	10.09	14.03	19.77	27.29	36.61	47.71	60.60			
6H500E-R-M11HP	50	40	23.56	26.00	31.58	40.30	52.16	67.15	85.27	106.53	130.92	158.44
		45	20.93	22.90	27.85	35.78	46.69	60.56	77.41	97.23	120.02	145.77
		50	18.72	20.11	24.32	31.33	41.16	53.80	69.25	87.51	108.57	132.44
6H500E-R-M11H	50	40	23.56	26.00	31.58	40.30	52.16	67.15	85.27	106.53	130.92	158.44
		45	20.93	22.90	27.85	35.78	46.69	60.56	77.41	97.23	120.02	145.77
		50	18.72	20.11	24.32	31.33	41.16	53.80	69.25	87.51	108.57	132.44
6L400E-R-M11L	40	40	17.71	23.92	32.30	42.87	55.61	70.54	87.65			
		45	14.94	20.41	28.05	37.85	49.81	63.94	80.22			
		50	12.11	16.84	23.72	32.75	43.93	57.25	72.72			

Remote Unit Capacity R134a



MODEL	Nominal HP	Condensing Temp °C	Refrigeration Capacity [kW]							
			Saturated Suction Temperature [°C]							
			-20	-15	-10	-5	0	5	10	15
4HN100E-R-M1HP	10	40	6.30	8.37	11.04	14.25	17.98	22.20	26.87	31.96
		45	5.63	7.58	10.10	13.16	16.73	20.76	25.24	30.12
		50	4.93	6.76	9.15	12.06	15.46	19.32	23.60	28.26
4HN100E-R-M1H	10	40	6.30	8.37	11.04	14.25	17.98	22.20	26.87	31.96
		45	5.63	7.58	10.10	13.16	16.73	20.76	25.24	30.12
		50	4.93	6.76	9.15	12.06	15.46	19.32	23.60	28.26
4LN060E-R-M1L	6	40	6.35	8.49	11.18	14.41	18.21	22.57		
		45	5.87	7.86	10.39	13.44	17.04	21.18		
		50	5.41	7.26	9.62	12.50	15.90	19.82		
4HN120E-R-M2HP	12	40	7.56	10.05	13.25	17.11	21.58	26.65	32.25	38.35
		45	6.76	9.10	12.13	15.80	20.08	24.92	30.29	36.14
		50	5.93	8.12	10.99	14.48	18.56	23.19	28.32	33.92
4HN120E-R-M2H	12	40	7.56	10.05	13.25	17.11	21.58	26.65	32.25	38.35
		45	6.76	9.10	12.13	15.80	20.08	24.92	30.29	36.14
		50	5.93	8.12	10.99	14.48	18.56	23.19	28.32	33.92
4LN080E-R-M2L	8	40	7.62	10.19	13.41	17.30	21.85	27.09		
		45	7.04	9.44	12.46	16.13	20.45	25.42		
		50	6.49	8.71	11.55	15.00	19.07	23.78		
4HN150E-R-M3HP	15	40	8.82	11.73	15.45	19.95	25.18	31.08	37.62	44.74
		45	7.88	10.61	14.15	18.43	23.42	29.07	35.34	42.16
		50	6.91	9.47	12.81	16.88	21.64	27.04	33.04	39.57
4HN150E-R-M3H	15	40	8.82	11.73	15.45	19.95	25.18	31.08	37.62	44.74
		45	7.88	10.61	14.15	18.43	23.42	29.07	35.34	42.16
		50	6.91	9.47	12.81	16.88	21.64	27.04	33.04	39.57
4LN100E-R-M3L	10	40	8.89	11.89	15.65	20.18	25.50	31.60		
		45	8.22	11.01	14.54	18.82	23.86	29.65		
		50	7.57	10.16	13.47	17.50	22.25	27.75		
4HN200E-R-M4HP	20	40	10.08	13.40	17.66	22.81	28.78	35.53	43.00	51.14
		45	9.01	12.14	16.17	21.07	26.77	33.23	40.39	48.19
		50	7.90	10.83	14.65	19.30	24.74	30.91	37.76	45.23
4HN200E-R-M4H	20	40	10.08	13.40	17.66	22.81	28.78	35.53	43.00	51.14
		45	9.01	12.14	16.17	21.07	26.77	33.23	40.39	48.19
		50	7.90	10.83	14.65	19.30	24.74	30.91	37.76	45.23
4LN120E-R-M4L	12	40	10.16	13.58	17.88	23.06	29.14	36.11		
		45	9.39	12.58	16.62	21.51	27.26	33.89		
		50	8.65	11.62	15.39	20.00	25.43	31.71		
4H220E-R-M5HP	22	40	11.74	15.69	20.66	26.65	33.66	41.72	50.83	61.01
		45	10.85	14.54	19.20	24.85	31.50	39.15	47.82	57.52
		50	10.00	13.42	17.79	23.10	29.38	36.63	44.86	54.09
4H220E-R-M5H	22	40	11.74	15.69	20.66	26.65	33.66	41.72	50.83	61.01
		45	10.85	14.54	19.20	24.85	31.50	39.15	47.82	57.52
		50	10.00	13.42	17.79	23.10	29.38	36.63	44.86	54.09
4L150E-R-M5L	12	40	11.74	15.69	20.66	26.65	33.66	41.72		
		45	10.85	14.54	19.20	24.85	31.50	39.15		
		50	10.00	13.42	17.79	23.10	29.38	36.63		
4H250E-R-M6HP	25	40	13.62	18.20	23.96	30.90	39.04	48.39	58.95	70.75
		45	12.58	16.86	22.27	28.82	36.53	45.41	55.46	66.70
		50	11.59	15.56	20.63	26.79	34.08	42.49	52.03	62.73
4H250E-R-M6H	25	40	13.62	18.20	23.96	30.90	39.04	48.39	58.95	70.75
		45	12.58	16.86	22.27	28.82	36.53	45.41	55.46	66.70
		50	11.59	15.56	20.63	26.79	34.08	42.49	52.03	62.73
4L180E-R-M6L	18	40	13.62	18.20	23.96	30.90	39.04	48.39		
		45	12.58	16.86	22.27	28.82	36.53	45.41		
		50	11.59	15.56	20.63	26.79	34.08	42.49		

Remote Unit Capacity R134a

STEP 6

Choose the capacity [kW] from the table on the right based on your selected ambient and best temperature range.

STEP 7

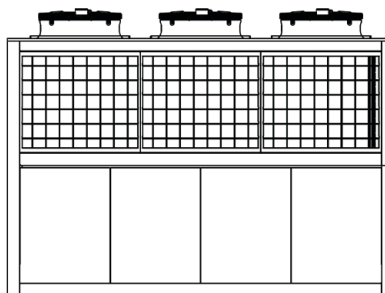
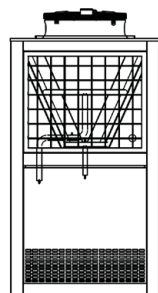
Go to Page 22 for technical data. Note: Condenser not included.

MODEL	Nominal HP	Condensing Temp °C	Refrigeration Capacity [kW]							
			Saturated Suction Temperature [°C]							
			-20	-15	-10	-5	0	5	10	15
4H300E-R-M7HP	30	40	15.62	20.87	27.48	35.44	44.77	55.49	67.61	81.14
		45	14.43	19.33	25.54	33.05	41.89	52.07	63.60	76.50
		50	13.29	17.85	23.65	30.73	39.08	48.72	59.67	71.94
4H300E-R-M7H	30	40	15.62	20.87	27.48	35.44	44.77	55.49	67.61	81.14
		45	14.43	19.33	25.54	33.05	41.89	52.07	63.60	76.50
		50	13.29	17.85	23.65	30.73	39.08	48.72	59.67	71.94
4L220E-R-M7L	22	40	15.62	20.87	27.48	35.44	44.77	55.49		
		45	14.43	19.33	25.54	33.05	41.89	52.07		
		50	13.29	17.85	23.65	30.73	39.08	48.72		
4H350E-R-M8HP	35	40	18.67	24.95	32.85	42.37	53.53	66.34	80.83	97.00
		45	17.25	23.12	30.53	39.51	50.08	62.25	76.04	91.45
		50	15.89	21.34	28.28	36.74	46.72	58.25	71.34	86.00
4H350E-R-M8H	35	40	18.67	24.95	32.85	42.37	53.53	66.34	80.83	97.00
		45	17.25	23.12	30.53	39.51	50.08	62.25	76.04	91.45
		50	15.89	21.34	28.28	36.74	46.72	58.25	71.34	86.00
4L250E-R-M8L	25	40	18.78	25.11	33.05	42.63	53.86	66.76		
		45	17.36	23.26	30.72	39.76	50.40	62.64		
		50	15.99	21.47	28.46	36.97	47.01	58.62		
6H370E-R-M9HP	37	40	20.43	27.31	35.95	46.36	58.57	72.60	88.45	106.15
		45	18.88	25.29	33.41	43.24	54.81	68.13	83.21	100.08
		50	17.39	23.35	30.94	40.20	51.13	63.74	78.07	94.11
6H370E-R-M9H	37	40	20.43	27.31	35.95	46.36	58.57	72.60	88.45	106.15
		45	18.88	25.29	33.41	43.24	54.81	68.13	83.21	100.08
		50	17.39	23.35	30.94	40.20	51.13	63.74	78.07	94.11
6L270E-R-M9L	27	40	20.43	27.31	35.95	46.36	58.57	72.60		
		45	18.88	25.29	33.41	43.24	54.81	68.13		
		50	17.39	23.35	30.94	40.20	51.13	63.74		
6H400E-R-M10HP	40	40	23.48	31.39	41.32	53.29	67.33	83.45	101.67	122.01
		45	21.70	29.07	38.40	49.70	63.00	78.31	95.64	115.04
		50	19.99	26.84	35.57	46.21	58.77	73.27	89.73	108.18
6H400E-R-M10H	40	40	23.48	31.39	41.32	53.29	67.33	83.45	101.67	122.01
		45	21.70	29.07	38.40	49.70	63.00	78.31	95.64	115.04
		50	19.99	26.84	35.57	46.21	58.77	73.27	89.73	108.18
6L300E-R-M10L	30	40	23.48	31.39	41.32	53.29	67.33	83.45		
		45	21.70	29.07	38.40	49.70	63.00	78.31		
		50	19.99	26.84	35.57	46.21	58.77	73.27		
6H500E-R-M11HP	50	40	28.06	37.51	49.38	63.68	80.46	99.72	121.49	145.80
		45	25.93	34.75	45.89	59.40	75.28	93.57	114.29	137.46
		50	23.89	32.07	42.51	55.22	70.23	87.56	107.23	129.27
6H500E-R-M11H	50	40	28.06	37.51	49.38	63.68	80.46	99.72	121.49	145.80
		45	25.93	34.75	45.89	59.40	75.28	93.57	114.29	137.46
		50	23.89	32.07	42.51	55.22	70.23	87.56	107.23	129.27
6L400E-R-M11L	40	40	28.18	37.67	49.58	63.95	80.79	100.14		
		45	26.04	34.89	46.08	59.64	75.60	93.97		
		50	23.98	32.20	42.68	55.45	70.52	87.92		

VBox Unit Technical Data

MODEL	COMPRESSOR		FANS	TOTAL	LIQUID RECEIVER	LINE SIZE		WEIGHT
	MOC	VOLTS/ PHASE	MOC	MOC	VOLUME 80%	SUCTION	LIQUID	
	[A]		[A]	[A]	[kg]	[in]	[in]	[kg]
4HN100E-2x500EC_VB-M1HP	24	380-420V / 3 / 50Hz	3.2	27.2	40	1-3/8"	7/8"	673
4HN100E-2x500EC_VB-M1H	24		3.2	27.2	40	1-3/8"	7/8"	673
4LN060E-2x500EC_VB-M1L	16		3.2	19.2	40	1-3/8"	7/8"	664
4HN120E-2x500EC_VB-M2HP	27		3.2	30.2	60	1-3/8"	1-1/8"	676
4HN120E-2x500EC_VB-M2H	27		3.2	30.2	40	1-3/8"	7/8"	676
4LN080E-2x500EC_VB-M2L	19		3.2	22.2	40	1-3/8"	7/8"	669
4HN150E-2x800EC_VB-M3HP	33		3.2	36.2	60	1-5/8"	1-1/8"	682
4HN150E-2x500EC_VB-M3H	33		3.2	36.2	40	1-5/8"	7/8"	682
4LN100E-2x500EC_VB-M3L	24		3.2	27.2	40	1-5/8"	7/8"	674
4HN200E-2x800EC_VB-M4HP	40		9.2	49.2	60	1-5/8"	1-1/8"	816
4HN200E-2x500EC_VB-M4H	40		3.2	43.2	40	1-5/8"	7/8"	685
4LN120E-2x500EC_VB-M4L	27		3.2	30.2	40	1-5/8"	7/8"	676
4H220E-2x800EC_VB-M5HP	37		9.2	46.2	80	1-5/8"	1-1/8"	939
4H220E-2x800EC_VB-M5H	37		9.2	46.2	60	1-5/8"	7/8"	939
4L150E-2x800EC_VB-M5L	29		9.2	38.2	60	1-5/8"	7/8"	928
4H250E-2x800EC_VB-M6HP	43		9.2	52.2	80	2-1/8"	1-1/8"	952
4H250E-2x800EC_VB-M6H	43		9.2	52.2	60	2-1/8"	7/8"	952
4L180E-2x800EC_VB-M6L	33		9.2	42.2	60	2-1/8"	7/8"	932
4H300E-3x800EC_VB-M7HP	52		13.8	65.8	90	2-1/8"	1-1/8"	1143
4H300E-2x800EC_VB-M7H	52		9.2	61.2	60	2-1/8"	7/8"	955
4L220E-2x800EC_VB-M7L	39		9.2	48.2	60	2-1/8"	7/8"	941
4H350E-3x800EC_VB-M8HP	56		13.8	69.8	115	2-1/8"	1-3/8"	1172
4H350E-2x800EC_VB-M8H	56		9.2	65.2	80	2-1/8"	1-1/8"	984
4L250E-2x800EC_VB-M8L	43		9.2	52.2	80	2-1/8"	1-1/8"	966
6H370E-3x800EC_VB-M9HP	60		13.8	73.8	115	2-5/8"	1-3/8"	1220
6H370E-2x800EC_VB-M9H	60		9.2	69.2	80	2-5/8"	1-1/8"	1032
6L270E-2x800EC_VB-M9L	48		9.2	57.2	80	2-5/8"	1-1/8"	1061
6H400E-4x800EC_VB-M10HP	75		18.4	93.4	115	2-5/8"	1-3/8"	1428
6H400E-3x800EC_VB-M10H	75		13.8	88.8	115	2-5/8"	1-3/8"	1225
6L300E-3x800EC_VB-M10L	54		13.8	67.8	115	2-5/8"	1-3/8"	1215
6H500E-4x800EC_VB-M11HP	93		18.4	111.4	115	2-5/8"	1-5/8"	1432
6H500E-3x800EC_VB-M11H	93		13.8	106.8	115	2-5/8"	1-3/8"	1229
6L400E-3x800EC_VB-M11L	75		13.8	88.8	115	2-5/8"	1-3/8"	1226

VBox Unit Dimensions

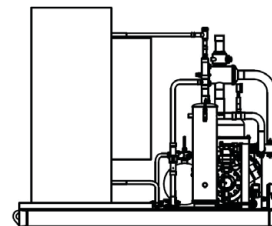
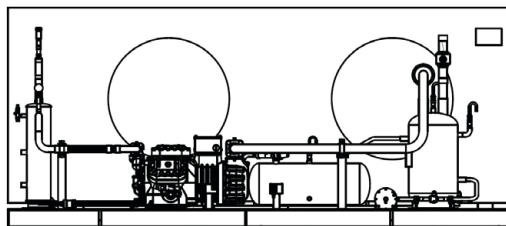


MODEL	LENGTH [mm]	WIDTH [mm]	HEIGHT [mm]
2x500EC_VB	2057	1200	2209
2x800EC_VB	2057	1200	2309
3x800EC_VB	3125	1200	2309
4x800EC_VB	4050	1200	2309

Indoor Unit Technical Data

MODEL	COMPRESSOR		FANS	TOTAL	LIQUID RECEIVER	LINE SIZE		WEIGHT
	MOC	VOLTS/ PHASE	MOC	MOC	VOLUME 80%	SUCTION	LIQUID	
	[A]		[A]	[A]	[kg]	[in]	[in]	[kg]
4HN100E-2x500EC_IN-M1HP	24	380-420V / 3 / 50Hz	3.2	27.2	40	1-3/8"	7/8"	557
4HN100E-2x500EC_IN-M1H	24		3.2	27.2	40	1-3/8"	7/8"	557
4LN060E-2x500EC_IN-M1L	16		3.2	19.2	40	1-3/8"	7/8"	548
4HN120E-2x500EC_IN-M2HP	27		3.2	30.2	60	1-3/8"	1-1/8"	560
4HN120E-2x500EC_IN-M2H	27		3.2	30.2	40	1-3/8"	7/8"	560
4LN080E-2x500EC_IN-M2L	19		3.2	22.2	40	1-3/8"	7/8"	553
4HN150E-4x500EC_IN-M3HP	33		6.4	39.4	60	1-5/8"	1-1/8"	765
4HN150E-2x500EC_IN-M3H	33		3.2	36.2	40	1-5/8"	7/8"	566
4LN100E-2x500EC_IN-M3L	24		3.2	27.2	40	1-5/8"	7/8"	558
4HN200E-4x500EC_IN-M4HP	40		6.4	46.4	60	1-5/8"	1-1/8"	768
4HN200E-2x500EC_IN-M4H	40		3.2	43.2	40	1-5/8"	7/8"	569
4LN120E-2x500EC_IN-M4L	27		3.2	30.2	40	1-5/8"	7/8"	560
4H220E-2x800EC_IN-M5HP	37		9.2	46.2	80	1-5/8"	1-1/8"	963
4H220E-4x500EC_IN-M5H	37		6.4	43.4	60	1-5/8"	7/8"	861
4L150E-4x500EC_IN-M5L	29		6.4	35.4	60	1-5/8"	7/8"	850
4H250E-2x800EC_IN-M6HP	43		9.2	52.2	80	2-1/8"	1-1/8"	976
4H250E-4x500EC_IN-M6H	43		6.4	49.4	60	2-1/8"	7/8"	874
4L180E-4x500EC_IN-M6L	33		6.4	39.4	60	2-1/8"	7/8"	854
4H300E-2x800EC_IN-M7HP	52		9.2	61.2	90	2-1/8"	1-1/8"	979
4H300E-4x500EC_IN-M7H	52		6.4	58.4	60	2-1/8"	7/8"	877
4L220E-4x500EC_IN-M7L	39		6.4	45.4	60	2-1/8"	7/8"	863
4H350E-2x800EC_IN-M8HP	56		9.2	65.2	115	2-1/8"	1-3/8"	1008
4H350E-4x500EC_IN-M8H	56		6.4	62.4	80	2-1/8"	1-1/8"	906
4L250E-4x500EC_IN-M8L	43		6.4	49.4	80	2-1/8"	1-1/8"	888
6H370E-2x800EC_IN-M9HP	60		9.2	69.2	115	2-5/8"	1-3/8"	1051
6H370E-2x800EC_IN-M9H	60		9.2	69.2	80	2-5/8"	1-1/8"	1051
6L270E-2x800EC_IN-M9L	48		9.2	57.2	80	2-5/8"	1-1/8"	1080
6H400E-2x800EC_IN-M10HP	75		9.2	84.2	115	2-5/8"	1-3/8"	1056
6H400E-2x800EC_IN-M10H	75		9.2	84.2	115	2-5/8"	1-3/8"	1056
6L300E-2x800EC_IN-M10L	54		9.2	63.2	115	2-5/8"	1-3/8"	1046
6H500E-2x800EC_IN-M11HP	93		9.2	102.2	115	2-5/8"	1-5/8"	1060
6H500E-2x800EC_IN-M11H	93		9.2	102.2	115	2-5/8"	1-3/8"	1060
6L400E-2x800EC_IN-M11L	75		9.2	84.2	115	2-5/8"	1-3/8"	1057

Indoor Unit Dimensions

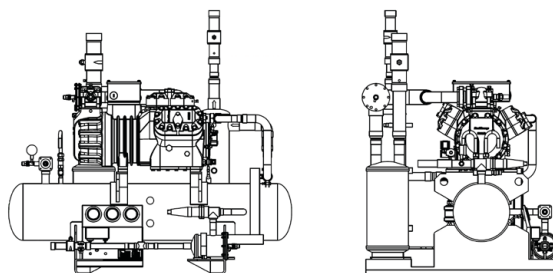


MODEL	LENGTH	WIDTH	HEIGHT
	[mm]	[mm]	[mm]
2x500EC_IN	2360	1100	1245
4x500EC_IN	2120	1350	1780
2x800EC_IN	3340	1700	1448

Remote Unit Technical Data

MODEL	COMPRESSOR		TOTAL	LIQUID	LINE SIZE		WEIGHT
	MOC	VOLTS/ PHASE	MOC	RECEIVER VOLUME 80%	SUCTION	LIQUID	
	[A]		[A]	[kg]	[in]	[in]	[kg]
4HN100E-R-M1HP	24	380-420V / 3 / 50Hz	24	40	1-3/8"	7/8"	358
4HN100E-R-M1H	24		24	40	1-3/8"	7/8"	358
4LN060E-R-M1L	16		16	40	1-3/8"	7/8"	349
4HN120E-R-M2HP	27		27	60	1-3/8"	1-1/8"	361
4HN120E-R-M2H	27		27	40	1-3/8"	7/8"	361
4LN080E-R-M2L	19		19	40	1-3/8"	7/8"	354
4HN150E-R-M3HP	33		33	60	1-5/8"	1-1/8"	367
4HN150E-R-M3H	33		33	40	1-5/8"	7/8"	367
4LN100E-R-M3L	24		24	40	1-5/8"	7/8"	359
4HN200E-R-M4HP	40		40	60	1-5/8"	1-1/8"	370
4HN200E-R-M4H	40		40	40	1-5/8"	7/8"	370
4LN120E-R-M4L	27		27	40	1-5/8"	7/8"	361
4H220E-R-M5HP	37		37	80	1-5/8"	1-1/8"	463
4H220E-R-M5H	37		37	60	1-5/8"	7/8"	463
4L150E-R-M5L	29		29	60	1-5/8"	7/8"	452
4H250E-R-M6HP	43		43	80	2-1/8"	1-1/8"	476
4H250E-R-M6H	43		43	60	2-1/8"	7/8"	476
4L180E-R-M6L	33		33	60	2-1/8"	7/8"	456
4H300E-R-M7HP	52		52	90	2-1/8"	1-1/8"	479
4H300E-R-M7H	52		52	60	2-1/8"	7/8"	479
4L220E-R-M7L	39		39	60	2-1/8"	7/8"	465
4H350E-R-M8HP	56		56	115	2-1/8"	1-3/8"	508
4H350E-R-M8H	56		56	80	2-1/8"	1-1/8"	508
4L250E-R-M8L	43		43	80	2-1/8"	1-1/8"	490
6H370E-R-M9HP	60		60	115	2-5/8"	1-3/8"	551
6H370E-R-M9H	60		60	80	2-5/8"	1-1/8"	551
6L270E-R-M9L	48		48	80	2-5/8"	1-1/8"	580
6H400E-R-M10HP	75		75	115	2-5/8"	1-3/8"	556
6H400E-R-M10H	75		75	115	2-5/8"	1-3/8"	556
6L300E-R-M10L	54		54	115	2-5/8"	1-3/8"	546
6H500E-R-M11HP	93		93	115	2-5/8"	1-5/8"	560
6H500E-R-M11H	93		93	115	2-5/8"	1-3/8"	560
6L400E-R-M11L	75		75	115	2-5/8"	1-3/8"	557

Remote Unit Dimensions



MODELS	LENGTH	WIDTH	HEIGHT
	[mm]	[mm]	[mm]
R-M1HP...R-M4H	max 1200	950	1200
R-M4L...R-M8L	max 1300	1100	1300
R-M9HP...R-M11L	max 1500	1100	1400

Compressor Packs



Containerised Packages for easier installation on site



Heat Exchange Equipment



Ice Machines (Flake, Plate, Tube, Block)



NH₃ compressors, condensers and vessels





Snowkey

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