

HEAT TRANSFER & UNITS

2018



Condensing Units Box Type

Product description

This series products feature box type structure with hermetic compressor, that is compact and pleasant looking, applicable to cold display cases, cold storage rooms, ice producers etc. The applicable temperature ranges are: $-40^{\circ}\sim +10^{\circ}$. They can be used in hotels, restaurants, medicines, agricultural, chemicals industries and all other places where cold storage is needed.

Main components

World famous brand refrigeration parts are employed for all products as Castel, Danfoss, Gomax, Blue AC&R and many more

World famous Copeland hermetic compressors;

Copper tube & Hydrophilic aluminum fin type heat exchanger;

Side blow units with 6 or 4 pole motor, top blow units with external rotor motors, results in low noise.

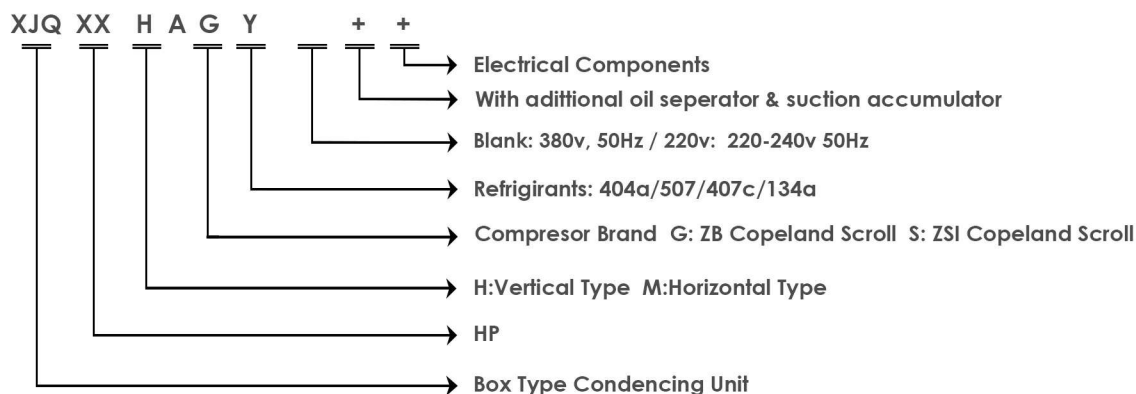
Built-in terminal box;

Shut-off valves for inlet and outlet pipes, easy for maintenance

Optional Accessories

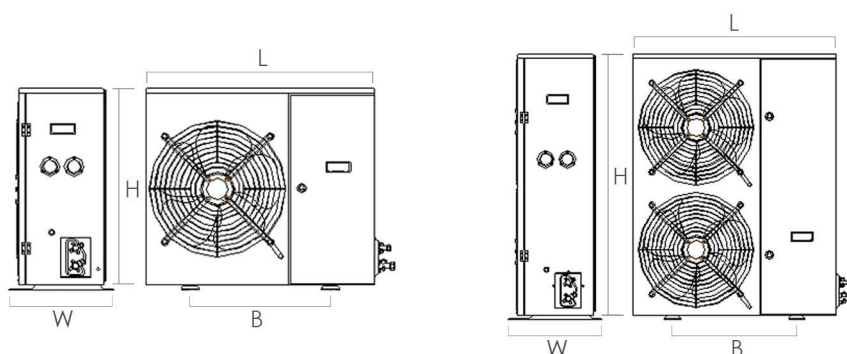
- Electrical panel complete.
- Oil separator & suction accumulator.
- Axial Fans with different Voltage and/or Different RPM
- EC Fans / ATEX Motors
- Fan Speed Regulation
- Anti-Corrosion Treatment

Nomenclature



Specifications 2-7.5 HP ZB

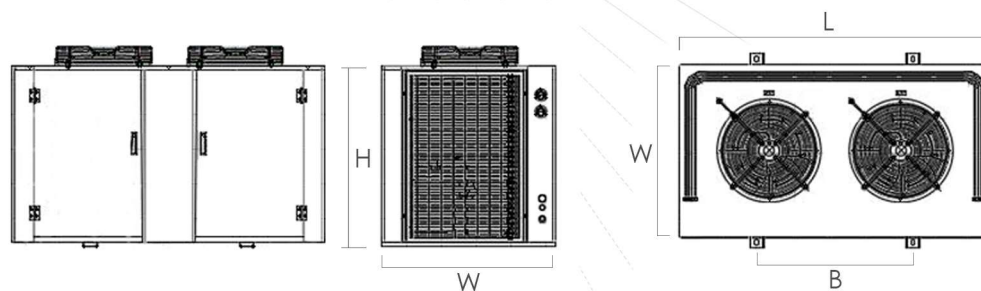
Model	HP	Compressor			Axial Fans	Dimensions				Noisy	Connection		Condenser Surface	Weight
		Model	Voltage	Displacement										
			V-PH-HZ	(m³/h)	N°xDiameter	L	W	H	B	10m(db)	Inlet	Outlet	(m²)	Kg
XJQ02HAGY220v	2	ZB15KQE-PFJ	220-1-50	5.9	1 x 450	1100	400	830	656	33	3/4"	3/8"	20	71
XJQ02HAGY	2	ZB15KQE-TFD	380-3-50	5.9	1 x 450	1100	400	830	656	33	3/4"	3/8"	20	71
XJQ02.5HAGY220v	2.5	ZB19KQE-PFJ	220-1-50	6.8	1 x 450	1100	400	830	656	33	3/4"	3/8"	25	72
XJQ02.5HAGY	2.5	ZB19KQE-TFD	380-3-50	6.8	1 x 450	1100	400	830	656	33	3/4"	3/8"	25	72
XJQ03HAGY220v	3	ZB21KQE-PFJ	220-1-50	8.6	1 x 450	1100	400	830	656	33	3/4"	3/8"	30	75
XJQ03HAGY	3	ZB21KQE-TFD	380-3-50	8.6	1 x 450	1100	400	830	656	33	3/4"	3/8"	30	75
XJQ4HAGY	4	ZB29KQE-TFD	380-3-50	11.4	2 x 450	1100	400	1230	656	42	3/4"	1/2"	40	95
XJQ5HAGY	5	ZB38KQE-TFD	380-3-50	14.5	2 x 450	1100	400	1230	656	43	7/8"	1/2"	50	107
XJQ06MAGY	6	ZB45KQE-TFD	380-3-50	17.2	2 x 450	1100	400	1230	656	43	7/8"	1/2"	60	113
XJQ07.5MAGY	7.5	ZB48KQE-TFD	380-3-50	18.8	2 x 450	1100	400	1230	656	43	7/8"	5/8"	70	114



Specifications 8-15 HP ZB

Model	HP	Compressor			Axial Fans	Dimensions				Noisy	Connection		Condenser Surface	Weight
		Model	Voltage	Displacement		L	W	H	B		10m(db)	Inlet		
			V-PH-HZ	(m³/h)	N°xDiameter									
XJQ08MAGY	8	ZB58KQE-TFD	380-3-50	22.1	1 x 550	1010	760	1050	610	55	1-1/8"	5/8"	80	122
XJQ10MAGY	10	ZB76KQE-TFD	380-3-50	28.8	2 x 500	1480	760	1110	1200	60	1-1/8"	5/8"	100	207
XJQ13MAGY	13	ZB95KQE-TFD	380-3-50	36.4	2 x 550	1480	760	1110	1200	60	1-3/8"	7/8"	130	225
XJQ15MAGY	15	ZB114KQE-TFD	380-3-50	43.3	2 x 550	1480	760	1110	1200	60	1-3/8"	7/8"	150	248

* Vibration absorbers and ball valves including compresor.



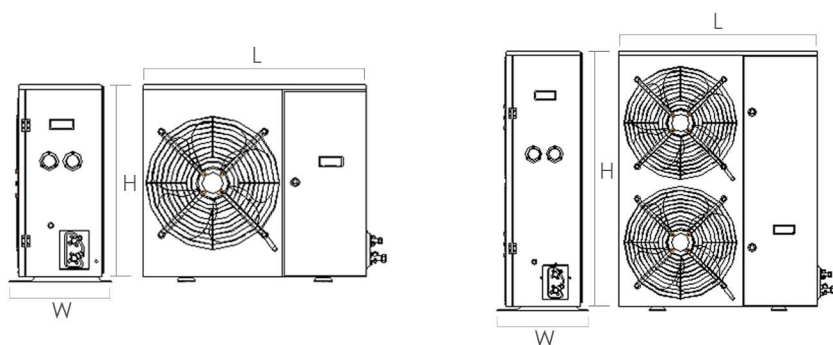
Capacity Table ZB

Model	Condensing Temperature (°C)	Evaporating temperature (°C)						
		-25	-20	-15	-10	-5	0	5
XJQ02HAGY	40	1870	2400	3000	3700	4450	5350	6350
ZB15KQE	50		1840	2370	2950	3600	4350	5150
XJQ02.5HAGY	40	2490	3050	3750	4550	5450	6500	7700
ZB19KQE	50		2540	3100	3750	4550	5450	6450
XJQ03HAGY	40	3000	3700	4550	5500	6600	7900	9350
ZB21KQE	50		3100	3750	4550	5500	6550	7800
XJQ4HAGY	40	4070	5040	6160	7460	8960	10680	12650
ZB29KQE-TFD	50		3800	5120	6210	7460	8910	10570
XJQ05HAGY	40	5100	6250	7700	9300	11200	13350	15800
ZB38KQE-TFD	50		5200	6350	7750	9350	11200	13300
XJQ06MAGY	40	6000	7400	9050	10950	13150	15700	18600
ZB45KQE-TFD	50		6150	7500	9100	10950	13100	15600
XJQ07.5MAGY	40	6579	8150	9969	12074	14500	17287	20471
ZB48KQE-TFD	50		6734	8260	10020	12050	14389	17074
XJQ08MAGY	40	7050	9250	11700	14400	17500	21000	24900
ZB58KQE-TFD	50		6900	9100	11500	14150	17100	20400
XJQ10MAGY	40	10900	13300	16100	19400	23300	27800	33000
ZB76KQE-TFD	50		11200	13200	15700	18700	22200	26400
XJQ13MAGY	40	12900	15800	19100	23000	27500	32500	38500
ZB95KQE-TFD	50		13250	16100	19300	23000	27400	32500
XJQ15MAGY	40	15500	19100	23300	28100	33500	40000	47500
ZB114KQE-TFD	50		15900	19500	23500	28200	33500	40000



Specifications 2-7.5 HP ZSI

Model	HP	Compressor		Axial Fans	Dimensions			Noise	Connection	
		Model	Voltage		L	W	H		10m(db)	Inlet
			V-PH-HZ	N°xDiameter						
XJQ02HASY+	2	ZSI06KQE -TFP	380-3-50	1 x 400	1100	450	840	33	3/4"	3/8"
XJQ025HASY+	2.5	ZSI08KQE -TFP	380-3-50	1 x 450	1100	450	840	33	3/4"	3/8"
XJQ03HASY+	3	ZSI09KQE -TFP	380-3-50	1 x 450	1100	450	840	33	3/4"	3/8"
XJQ4HASY+	4	ZSI14KQE-TFP	380-3-50	2 x 450	1100	450	1250	39	7/8"	1/2"
XJQ5HASY+	5	ZSI15KQE-TFP	380-3-50	2 x 450	1100	450	1250	39	7/8"	1/2"
XJQ06HASY+	6	ZSI18KQE-TFP	380-3-50	2 x 450	1100	450	1250	43	7/8"	1/2"
XJQ07.5HASY+	7.5	ZSI21KQE-TFP	380-3-50	2 x 450	1100	450	1250	43	7/8"	1/2"



Capacity Table ZSI

Model	Condensing Temperature (°C)	Evaporating temperature (°C)						
		-30	-25	-20	-15	-10	-5	0
XJQ02HASY+	40	1660	2050	2540	3130	3830	4640	5570
ZSI06KQE -TFP	50	1340	1690	2110	2610	3190	3860	4620
XJQ025HASY+	40	2090	2580	3170	3870	4680	5610	6660
ZSI08KQE -TFP	50	1710	2110	2600	3180	3860	4630	5520
XJQ03HASY+	40	2340	2930	3600	4370	5250	6270	7440
ZSI09KQE -TFP	50	1800	2320	2890	3540	4270	5120	6100
XJQ04HASY+	40	3640	4560	5650	6930	842	10130	12080
ZSI14KQE-TFP	50	3070	3840	4740	5800	7030	8460	10100
XJQ05HASY+	40	4010	5110	6310	7660	9240	11110	13350
ZSI15KQE-TFP	50	3550	4520	5530	6650	7940	9490	11340
XJQ06HASY+	40	5160	6380	7810	9480	11420	13660	16230
ZSI18KQE-TFP	50	4380	5420	6630	8020	9640	11520	13670
XJQ075HASY+	40	5770	7100	8700	10570	12740	15220	18030
ZSI21KQE-TFP	50	4910	6050	7400	8980	10800	12880	15230

DD Evaporators

The DD line of Unit Coolers are suitable for any application of Refrigeration or Air Condition with all the new HFC's and HCFC's refrigerants. The indicated capacities, air flows, air throws and power consumptions were verified by the best technological equipment.

The Coil is made with the highest level of Corrugated Aluminum Fins in standard thickness of 0.2mm and 12mm Copper tubes in thickness of 0.4mm, on request different thicknesses are available.

Product quality is ensured by inspecting the proper mechanical expansion of tubes into the fins; the welding of bends, nipples, and headers in an inert atmosphere; and the final pressure leak test in a water bath. During the final inspection, the product is checked against the customer's dimensional and qualitative specifications to ascertain its compliance

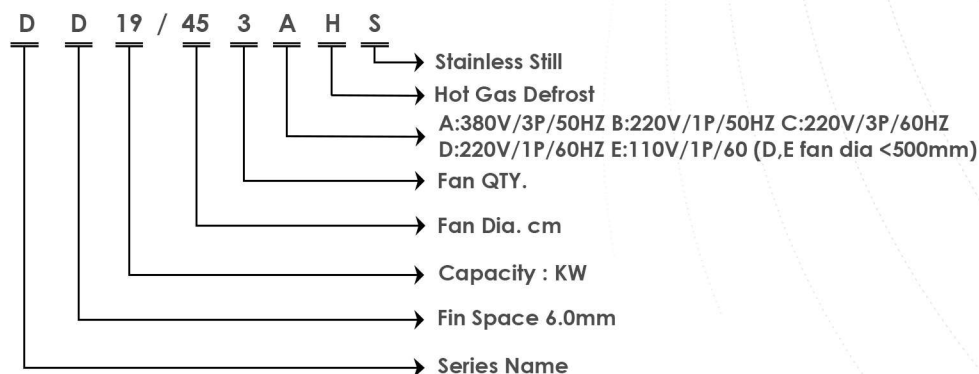
Product Specification:

- Casing made of Galvanized Steel painted with Epoxy Coating Or completely with Stainless Steel
- Electrical Connection Box assembled
- All units are supplied with standard 240vac 50 Hz fan motors, single or three-phase, certified by our suppliers and tested at our plants, on request Extra High Air Volumes
- Every Evaporator has both Electric Defrost system consists of stainless steel electric heaters fitted inside the finned block and on the internal drip tray plus Hot Gas Defrost
- Easy to Service Drainage Pan with the Hook system

Optional Accessories:

- Axial Fans with different Voltage and/or Different RPM
- EC Fans / ATEX Motors
- Fan Speed Regulation
- Fan Heaters
- Water Defrost
- Insulated Pan
- Anti-Corrosion Treatment

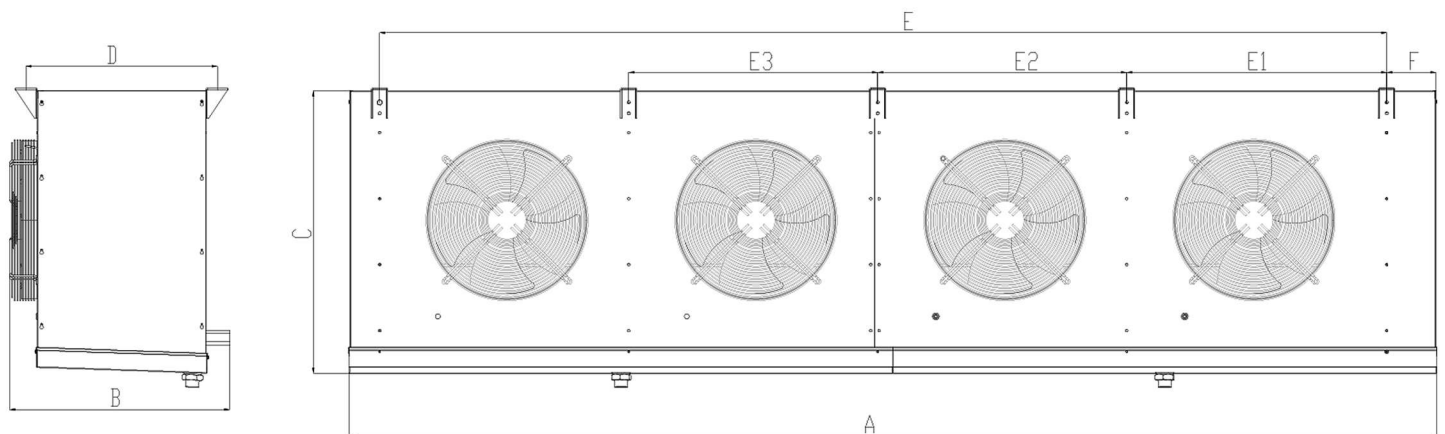
Nomenclature



Specifications

Model	Capacity (kw) 404A		Air flow (m ³ /h)	Air flow m	Area (m ²)	Fan W	Hot Gas Defrosting	Overall Size (mm)			
	-5°	-25°						A	B	C	D
DD1.4/311A	2.19	1.38	1500	9	5.5	90	5/8"	642	445	465	364
DD2.3/311A	3.50	2.20	1500	9	8.5	90	5/8"	642	445	465	364
DD3/312A	4.67	2.94	3000	9	11	180	5/8"	1092	445	465	364
DD4.5/312A	6.86	4.32	3000	9	20	180	5/8"	1108	455	465	384
DD6/352A	9.20	5.79	4500	10	27	280	5/8"	1408	455	465	384
DD7.5/402A	11.53	7.26	7000	12	33	390	5/8"	1488	555	565	484
DD9/402A	13.87	8.74	7000	12	40	390	5/8"	1488	555	665	484
DD11/402A	16.94	10.67	7000	12	47	390	5/8"	1488	555	565	484
DD15.5/502A	23.80	14.99	12000	15	67	1000	7/8"	1758	555	665	484
DD19/453A	29.20	18.40	13500	14	80	840	7/8"	2121	595	665	502
DD24/503A	36.79	23.18	18000	15	94	1500	7/8"	2400	595	665	502
DD29/503A	44.53	28.06	18000	15	120	1500	-	2704	595	665	502
DD32/503A	49.06	30.91	18000	15	140	1500	-	2704	595	665	502
DD38/504A	58.25	36.70	24000	15	160	2000	-	3938	785	675	682
DD47/554A	72.12	45.44	30000	18	200	3000	-	3938	785	775	682
DD58/554A	88.91	56.02	30000	18	235	3000	-	3978	785	975	682
DD72/604A	110.38	69.55	42000	18	285	3400	-	3978	785	1175	682
DD79/634A	121.18	76.36	46000	18	300	3520	-	3988	785	1275	682
DD88/634A	134.9	85	46000	20	356	3520	-	3988	785	1375	682

* Evaporating Conditions -5°C/DT=10k -25°C/DT=8k



Specifications

Overall Size (mm)					Pipe dia mm		Electrical Defrosting		Drainage	Weight	Model
E	E1	E2	E3	F	Liquid	Gas	Coil	Pan			
440	-	-	-	105	φ12.7	φ12.7	1	0.5	7/8"	23.5	DD1.4/311A
440	-	-	-	105	φ12.7	φ19	1.5	0.5	7/8"	26	DD2.3/311A
860	-	-	-	120	φ12.7	φ22	2	1	7/8"	40	DD3/312A
860	-	-	-	120	φ12.7	φ22	3	1	7/8"	43	DD4.5/312A
1160	-	-	-	135	φ16	φ22	3.6	1.2	7/8"	51	DD6/352A
1240	-	-	-	135	φ16	φ22	6	1.5	7/8"	70	DD7.5/402A
1240	-	-	-	135	φ16	φ28	6	1.5	7/8"	79.5	DD9/402A
1240	-	-	-	135	φ16	φ28	7.5	1.5	7/8"	77	DD11/402A
1480	-	-	-	135	φ22	φ35	10.8	1.8	-	109	DD15.5/502A
1801	627	587	-	160	φ22	φ35	12	2	-	137	DD19/453A
2080	720	680	-	160	φ22	φ42	15	2.5	-	155	DD24/503A
2374	818	778	-	160	φ22	φ42	18	3	-	171	DD29/503A
2374	818	778	-	160	φ22	φ54	18	3	-	184	DD32/503A
3600	930	885	895	170	φ22	φ54	24	4	-	270	DD38/504A
3600	930	885	895	170	φ22	φ54	28	4	-	303	DD47/554A
3600	930	885	895	170	φ28	φ54	36	4	-	361	DD58/554A
3600	930	885	895	170	φ28	φ60	44	4	-	428	DD72/604A
3620	950	890	890	170	φ35	φ60	48	4	-	471	DD79/634A
3620	950	890	890	170	φ35	φ60	52	4	-	500	DD88/634A



EV Evaporators

The EVE line of Slanted Air Coolers is suitable for any application of Refrigeration or Air Condition with all the new HFC's and HCFC's refrigerants. The indicated capacities, air flows, air throws and power consumptions were verified by the best technological equipment. The Coil is made with the highest level of Corrugated Aluminum Fins in standard thickness of 0.2mm and 12.7mm Copper tubes in thickness of 0.4mm, on request different thicknesses are available. Product quality is ensured by inspecting the proper mechanical expansion of tubes into the fins; the welding of bends, nipples, and headers in an inert atmosphere; and the final pressure leak test in a water bath. During the final inspection, the product is checked against the customer's dimensional and qualitative specifications to ascertain its compliance

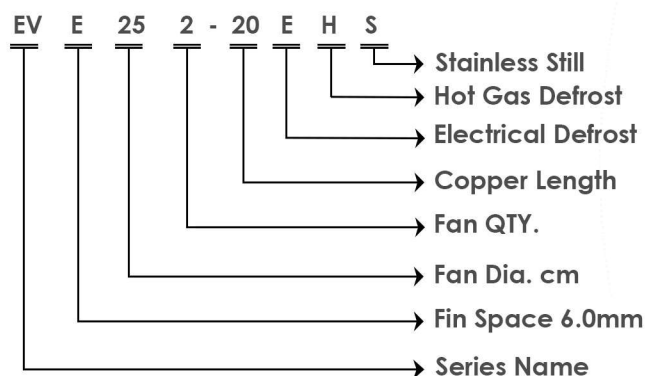
Product Specification:

- Casing made of Galvanized Steel painted with Epoxy Coating Or completely with Stainless Steel
- Electrical Connection Box assembled
- All units are supplied with standard 240vac 50 Hz fan motors, single or three-phase, certified by our suppliers and tested at our plants, on request Extra High Air Volumes
- Every Evaporator has Electric Defrost system consists of stainless steel electric heaters fitted inside the finned block and on the internal drip tray, on request Hot Gas Defrost
- Tube pitch 37.5x32.5mm
- Easy to Service Drainage Pan with the Hook system

Optional Accessories:

- Axial Fans with different Voltage and/or Different RPM
- EC Fans / ATEX Motors
- Fan Speed Regulation
- Fan Heaters
- Water Defrost
- Insulated Pan
- Anti-Corrosion Treatment

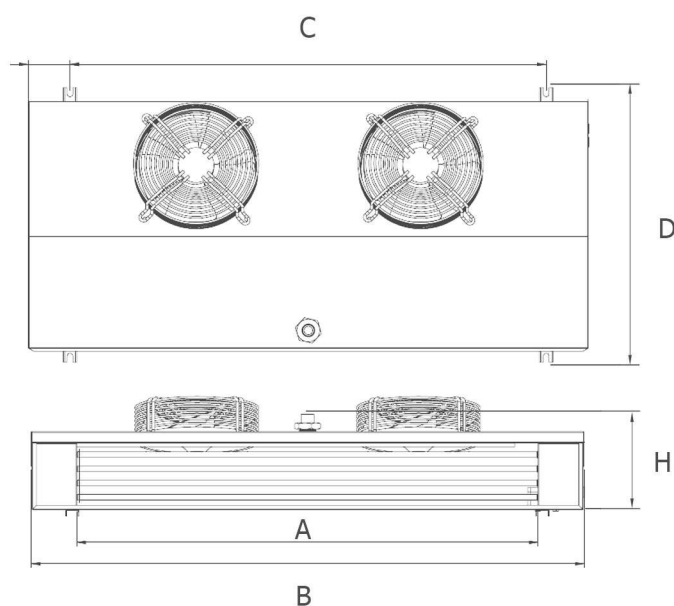
Nomenclature



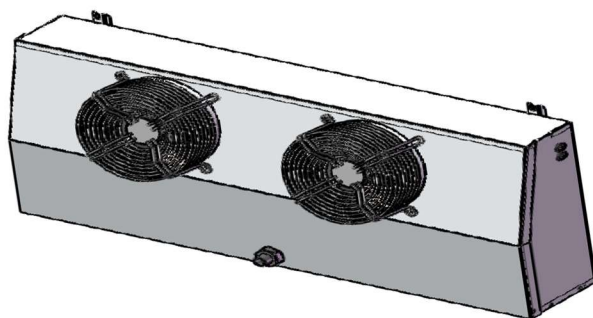
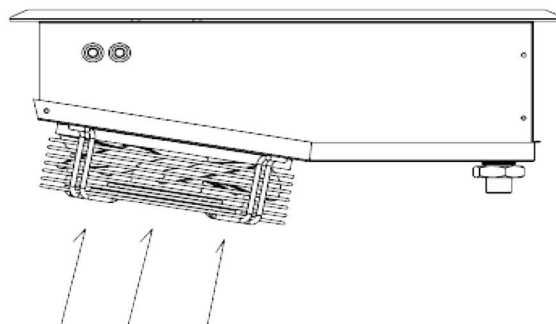
Specifications

Model	Capacity(KW)		Area (m ²)	Fan mm	Rows	Length A	Length B	Length C	Height H	Depth D
	-5°	-25°				mm	mm	mm	mm	mm
EVE252-20E	1.93	1.21	8.3	Φ250x2	4X6	820	1029	840	241	612
EVE252-25E	2.58	1.63	10.5	Φ250x2	4X6	1040	1249	1060	241	612
EVE302-30E	3.21	2.02	12.6	Φ300x2	5X6	1000	1209	1020	273	612
EVE302-40E	4.09	2.58	16.7	Φ300x2	6X6	1100	1309	1120	299	612
EVE352-50E	5.11	3.22	21.0	Φ350x2	7X6	1190	1399	1210	334	674
EVE352-60E	6.13	3.86	25.2	Φ350x2	7X7	1220	1420	1240	334	710
EVE402-70E	8.27	5.20	29.5	Φ400x2	8X7	1250	1450	1270	355	765

* Evaporating Conditions -5°C/DT=10k -25°C/DT=8k



Air flow (m ³ /h)	Air throw M	Motors W	Defrosting		Pipe dia mm		Drainage	Weight	Model
			Coil Kw	Pan Kw	Liquid	Gas			
1150	5	100	1.04	0.52	φ12.7	φ19	1"	19	EV252-20E
1150	5	100	1.3	0.65	φ12.7	φ19	1"	21	EV252-25E
3000	6	170	1.24	0.62	φ12.7	φ22	1"	34	EV302-30E
3000	6	170	1.36	0.68	φ12.7	φ22	1"	40	EV302-40E
4500	6	280	1.5	0.75	φ12.7	φ22	1"	45	EV352-50E
4500	6	280	1.5	0.75	φ12.7	φ22	1"	50	EV-352-60E
6000	6	360	1.5	0.75	φ12.7	φ25	1"	60	EVE402-70E



EK Condensers

General features :

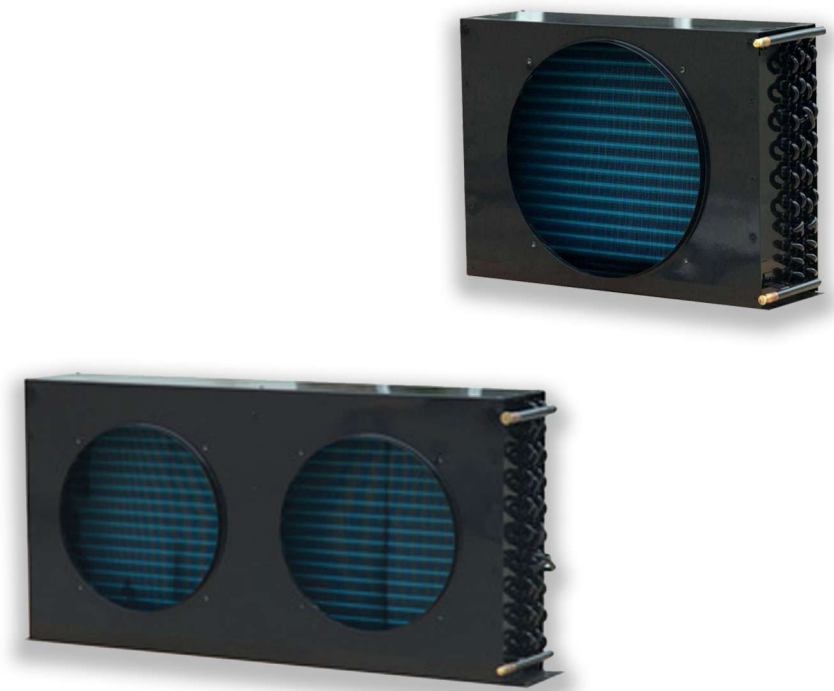
The high quality efficient coils are made from high quality copper tube $\Phi 9.52\text{mm}$ in 0.35mm thickness and blue hydrophilic aluminum fins in 0.15mm thickness. Heat exchangers are supplied clean and tested under a pressure of 28 Bars.

The casing:

Black coated galvanized steel (on customers' request), high corrosion strength, impact resistance, and doesn't produce polluting debris.

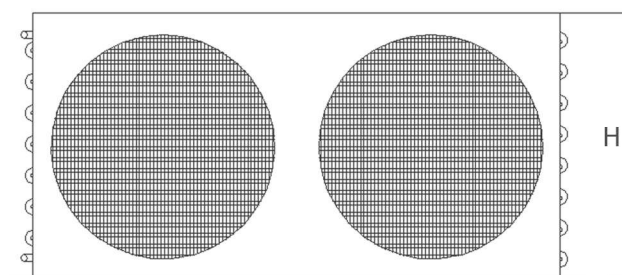
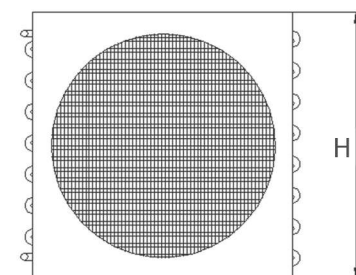
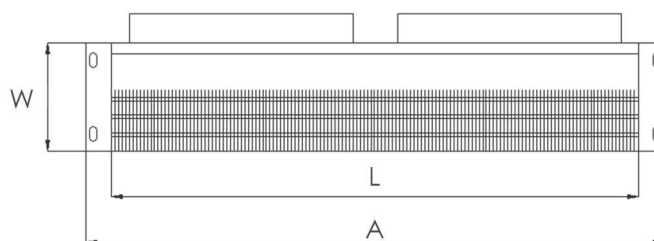
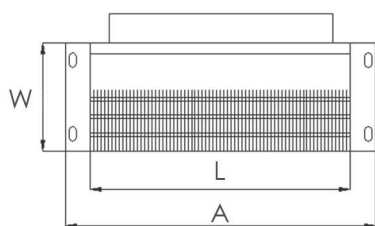
The fan motors (optional):

Optional high quality Shaded polo motors or axial fan motors with high safety standards fitted well to condensers casing.



Specifications

Model	Tubes N°	Capacity (kw)		Fin Spacing	Surface	Ventilator	Air Flow	Dimension (mm)				Model
		Condensing / Ambient Temperature						A	H	W	L	
		50°c/35°c	45°c/30°c									
EK1/6-1	2 x 6	0.53	0.50085	3.1	0.84	1 x 120	100	240	170	55	200	EK1/6-1
EK1/4-1	2 x 10	1.33	1.25685	3.1	2.1			380	270	100	300	EK1/4-1
EK1/3	3 x 10	1.75	1.65375	3.1	3.1			380	270	120	300	EK1/3
EK1/3-1	3 x 10	1.75	1.65375	3.1	3.1	1 x 250	650	380	270	120	300	EK1/3-1
EK1/2-1	4 x 10	1.99	1.88055	3.1	4	1 x 250	650	380	270	140	290	EK1/2-1
EK3/4-1	4 x 12	3.33	3.14685	3.1	5.8	1 x 300	760	440	370	145	340	EK3/4-1
EK3/4-2	3 x 10	2.99	2.82555	3.1	5.2	2 x 200	910	580	260	145	500	EK3/4-2
EK1-1	4 x 14	4.19	3.95955	3.1	7.8	1 x 300	760	490	370	152	400	EK1-1
EK1-2	4 x 10	3.76	3.5532	3.1	7	2 x 200	910	560	260	145	500	EK1-2
EK1-1/2-1	4 x 16	6.3	5.9535	3.1	11.1	1 x 350	2980	600	422	182	500	EK1-1/2-1
EK1-1/2-2	4 x 12	6.66	6.2937	3.1	11	2 x 300	1520	790	320	145	700	EK1-1/2-2
EK2-1	4 x 18	8.58	8.1081	3.1	13.8	1 x 350	2980	630	470	170	550	EK2-1
EK2-1/2-1	5 x 18	10	9.45	3.1	18.8	1 x 400	3900	710	473	200	600	EK2-1/2-1
EK3-1	6 x 18	9.13	8.62785	3.1	22.6	1 x 400	3900	710	473	234	600	EK3-1
EK4-1	6 x 22	9.64	9.1098	3.1	27.6	1 x 400	3900	700	570	240	600	EK4-1
EK4/2-1	4 x 20	14.5	13.7025	3.1	27.9	2 x 350	5960	1110	525	182	1000	EK4/2-1
EK5-1	4 x 30	14.7	13.8915	3.1	33.5	1 x 450	5100	910	780	215	800	EK5-1
EK5/2-1	4 x 24	16.1	15.2145	3.1	33.5	2 x 400	7800	1110	625	195	1000	EK5/2-1
EK6/2-1	4 x 26	19.8	18.711	3.1	43.6	2 x 400	7800	1310	680	195	1200	EK6/2-1
EK7-1/2/2-1	4 x 32	27.8	26.271	3.1	53.6	2 x 450	10200	1310	830	215	1200	EK7-1/2/2-1
EK10/2-1	5 x 34	39	36.80	3.1	71.2	2 x 500	13900	1310	880	225	1200	EK10/2-1
EK10/3-1	4 x 32	39.2	37.044	3.1	71.5	3 x 450	15300	1710	830	230	1600	EK10/3-1
EK12/2-1	5 x 30	44.6	42.147	3.1	83.8	2 x 500	13900	1718	780	225	1600	EK12/2-1
EK15/2-1	5 x 32	50.2	47.439	3.1	103.2	2 x 600	20600	1968	830	225	1850	EK15/2-1
EK20/4-1	6 x 48	66.2	62.559	3.1	136	4 x 500	27800	1468	1230	250	1350	EK20/4-1



FNV Condensers

General Features:

The high quality efficient Coils are made from mechanically expanded copper tubes $\Phi 9.52\text{mm}$ in 0.35mm thickness and Corrugated AL fins in 0.15mm thickness with good heat transfer performance.

Heat Exchangers are supplied clean (Pollution Free) and tested under a pressure of 28 Bars. Suitable for all refrigerants of HCFC's or HFC's such as R22, R134a, R404a, R407C etc.

Perfect for big Capacities and Industrial Units

Casing:

Cabinet is steel plate with White Epoxy Coating spray, Corrosion Proof and impressive appearance

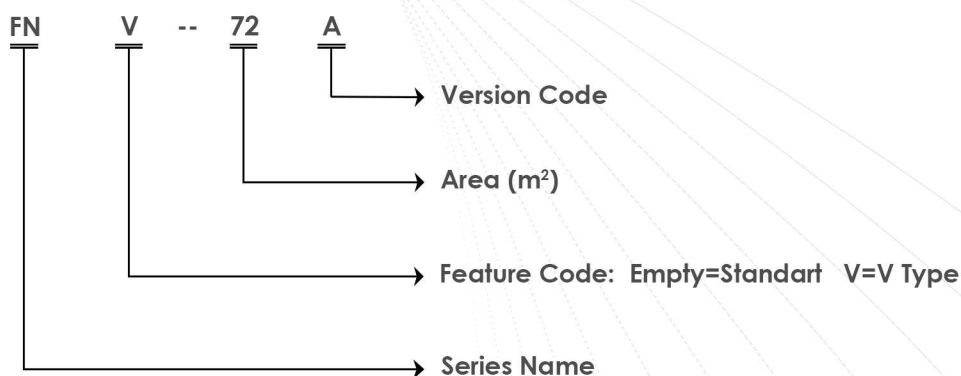
Fan motors:

All units are supplied with standard 380vac 50 Hz fan motors
Electrical Connection Box assembled

Optional Accessories:

- Axial Fans with different Voltage and/or Different RPM
- EC Fans / ATEX Motors
- Fan Speed Regulation
- Fan Heaters
- Anti-Corrosion Treatment
- Stainless Steel Casing

Nomenclature



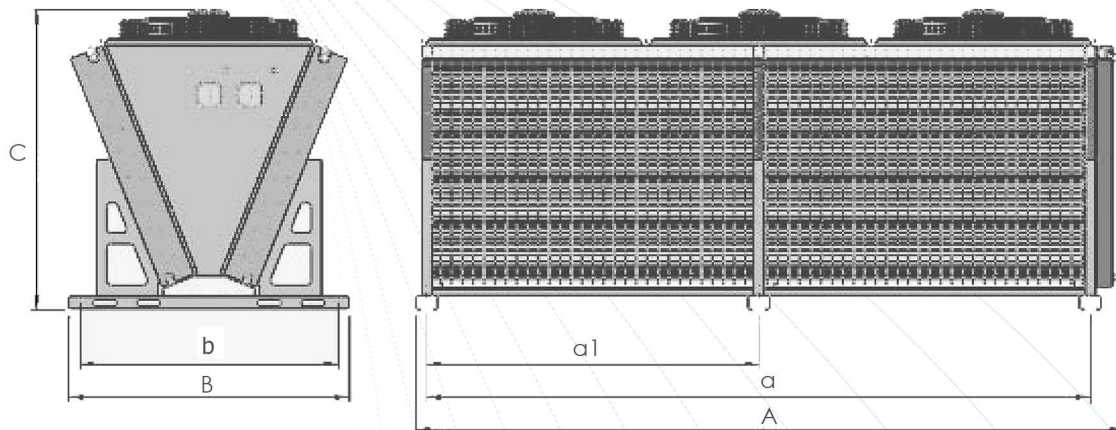
Specifications

Model	Capacity (kw)		Area	Fan				Pipe Dia	
	Condensing / Ambient Temperature			Fan Input	Dia	Volt	Air Flow	In	Out
	50°C/35°C	45°C/25°C		(m²)	(w)	(mm)	(v)	(m³/h)	(mm)
FNV-72	21.5	28.6	72	1 X 600	φ550	380	7950	2 X φ22	2 X φ16
FNV-111	33.5	44.6	111	2 X 600	φ550	380	16200	2 X φ22	2 X φ16
FNV-158	47.5	63.2	158	2 X 600	φ550	380	16200	2 X φ22	2 X φ16
FNV-180	54	71.8	180	2 X 780	φ600	380	20700	2 X φ28	2 X φ22
FNV-219	65	86.5	219	2 X 780	φ600	380	20300	2 X φ28	2 X φ22
FNV-270	81	107.7	270	3 X 800	φ630	380	34800	2 X φ28	2 X φ22
FNV-328	99	131.7	328	3 X 800	φ630	380	34200	2 X φ28	2 X φ22
FNV-383	115	153.0	383	3 X 800	φ630	380	34800	2 X φ28	2 X φ22
FNV-455	137	182.2	455	4 X 800	φ630	380	45600	2 X φ35	2 X φ28
FNV-570	171	227.4	570	4 X 800	φ630	380	44000	2 X φ35	2 X φ28
FNV-700	210	280.0	700	4 X 2250	φ800	380	76000	2 X φ42	2 X φ28
FNV-1000	300	399.0	1000	4 X 2250	φ800	380	96000	2 X φ35	2 X φ28
FNV-1900	570	758.1	1900	8 X 2250	φ800	380	192000	2 X φ42	2 X φ35

* The data above of ambient 35°C/condensing 50°C is equal to ambient 30°C/condensing 45°C.



Overall Size			Installation Size			Weight	Model
A	B	C	a	a1	b		
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	Kg	
940	980	880	740	/	900	95	FNV-72
1540	980	960	1340	/	900	120	FNV-111
1540	980	960	1340	/	900	139	FNV-158
1840	980	1100	1640	/	900	167	FNV-180
1840	980	1100	1640	/	900	179	FNV-219
2640	1030	1100	2440	1220	950	230	FNV-270
2640	1030	1100	2440	1220	950	250	FNV-328
3040	1030	1100	2840	1420	950	277	FNV-383
3240	1050	1200	3040	1520	950	324	FNV-455
3240	1050	1200	3040	1520	950	378	FNV-570
4120	1100	1373	4040	2020	1045	852	FNV-700
4800	1400	1575	4800	2400	1400	900	FNV-1000
4840	2200	2170	4840	2400	2200	1800	FNV-1900



EVS Evaporators

Specifications

Model	Capacity	Area	Pipe V	Fan				Electrical Defrosting
				Air Flow	Dia	Fan Input	Volt	
	(kw)	(m ²)	(dm ³)	(m ³ /h)	(mm)	(w)	(v)	(kw)
EVS-40	0.3	1.4	0.33	410	200	1 X 40	220	0.3
EVS-60	0.4	2.3	0.48	410	200	1 X 40	220	0.3
EVS-100	0.63	2.4	0.54	820	200	2 X 40	220	0.5
EVS-130	0.85	3.8	0.80	820	200	2 X 40	220	0.5
EVS-180	1.28	4.8	1.07	1230	200	3 X 40	220	1.0
EVS-290	1.76	7.7	1.61	1230	200	3 X 40	220	1.0
EVS-360	2.2	9.4	1.96	1640	200	4 X 40	220	1.0



Dimensions

Model	Overall and Installing Size					Pipe Dia		Drainage
	A	B	C	E	F	In	Out	
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	
EVS-40 EVS-60	410	152	435	280	190	φ9.52	φ9.52	5/8"
EVS-100 EVS-130	610	152	435	480	190	φ9.52	φ9.52	
EVS-180 EVS-290	1110	152	435	980	190	φ12	φ16	
EVS-360	1380	152	435	1245	190	φ12.7	φ16	

