

GREENHALGH

E4 – SERIES EVAPORATOR AIR COOLER

High Efficiency Heat Exchanger

Suitable for applying to *frozen storage room*,
logistics center and *quick freeze* for every commodity.



The fresh keeper for
The **BEST**



E4-SERIES EVAPORATOR

Suitable for applying to *frozen storage room*,
logistics center and *quick freeze* for every commodity.



Greenhalgh evaporator is a high efficiency heat exchanger. Capacity design according to the most popular compressor sizes in this range. Fin and tube design for maximizing the sensible capacity. Fin spacing can be made from 4.2mm for medium temperature and 8.5mm for low temperature. Greenhalgh chooses only low specific energy consumption fans. Robust stainless steel electric heater with high isolation cable connections to meet UL-SA5102 and CSA-LR18489 standards and ensure the safety of the equipment.

*We keep the right to change performance data of products at anytime without notifications.

Evaporator Greenhalgh ini adalah penukar panas yang efisien. Kapasitas dirancang sesuai dengan berbagai ukuran kompresor. Fin dan tube dirancang untuk menghasilkan kapasitas yang maksimal. Jarak fin dibuat dengan ukuran dari 4.2mm untuk temperatur sedang dan 8.5mm untuk temperatur rendah. Greenhalgh menggunakan kipas dengan konsumsi energi yang rendah. Pemanas stainless steel dengan isolasi kabel yang menghubungkan standar UL-SA5102 dan CSA-LR18489 untuk menjamin keamanan produk.

*Kami berhak mengganti data kinerja produk sewaktu-waktu tanpa pemberitahuan.



High Efficiency Heat Exchanger

- Capacity design according to the most popular compressor sizes in this range.
- Fin and tube design for maximizing the sensible capacity.
- The Greenhalgh thermodynamic and aerodynamic designing software is long year tested and proved in Germany.

Penukar Panas Efisiensi Tinggi

- *Didesain memiliki kapasitas yang sesuai dengan berbagai ukuran kompresor.*
- *Desain fin and tube untuk menghasilkan kapasitas maksimal.*
- *Termodinamika dan aerodinamika Greenhalgh didesain dengan perangkat lunak yang telah teruji dan diakui di German.*

Fan

- Greenhalgh chooses only low specific energy consumption fans.
- Fan nozzle design for maximum air flow and air throw
- Our fans from the world's leading manufacturer are practically proved to be reliable in operation and long lasting.
- Motor : protection class IP 54 and Insulation class F.

Kipas

- *Greenhalgh memilih kipas dengan konsumsi energi rendah.*
- *Desain ujung kipas untuk memaksimalkan aliran udara dan melepaskan udara.*
- *Kami memiliki kipas dari produsen manufaktur dunia yang terbukti handal dan awet.*
- *Motor : proteksi kelas IP 54 dan isolasi kelas F.*

Greenhalgh Defrost

- 4.2mm fin spacing for medium temperature and 8.5mm for low temperature ensure a good cooling capacity during a 4 hours cycle under typical humid conditions.
- Capacity of the defrost heater is according to the thermodynamic calculation of the latent heat and 4 hours defrost cycle.
- Robust stainless steel electric heater with high isolation cable connections to meet UL-SA5102 and CSA-LR18489 standards and ensure the safety of the equipment.
- 100% has been leakage tested with metode immersed in water tank to make sure the product doesn't leak.
- Heater wired to electric terminal box suitable for wet condition (standard IP66) and low temperature (tested at -40°C).

Defrost Greenhalgh

- *Jarak fin 4.2mm untuk temperatur medium dan jarak fin 8.5mm untuk temperatur rendah memastikan kapasitas pendinginan selama 4 jam dalam kondisi lembab.*
- *Kapasitas pemanas defrost sesuai dengan perhitungan termodinamika panas dan siklus defrost 4 jam.*
- *Pemanas stainless steel dengan isolasi kabel untuk menghubungkan standar UL-SA5102 dan CSA-LR18489 menjami keamanan produk.*
- *100% telah diuji kebocoran dengan metode yang dibenamkan di tangki air untuk memastikan produk tidak bocor.*
- *Kabel pemanas pada panel listrik tahan terhadap kondisi basah (standar IP66) dan suhu rendah (telah diuji di -40°C).*



We Facilitate You To Meet HACCP

- Durable material powder coated finish.
- Coil block made from robust fins to withstand the cleaning processes.
- Water drain tray design with slope towards the drainage to minimize the water in tray.
- Double drip tray for low temperature model.
- 100% leakage tested at 31 bar.

Fasilitas HACCP

- Material awet dan dicat powder coating.
- Coil terbuat dari fin yang kuat untuk menahan proses pembersihan coil.
- Pembuangan air dirancang dengan kemiringan untuk meminimalkan air tertahan di nampan.
- Double drip tray untuk model temperatur rendah.
- Kebocoran diuji 100% pada tekanan 31 bar.

Options

- Customized fin spacing
- Coil for Glycol operations

Pilihan

- Penyesuaian jarak fin
- Coil untuk operasional Glycol

Catalogue Rating Condition

Nilai Kondisi Katalog

Medium Temperature (SC2)

- Air inlet temperature 0°C
- Evaporator temperature -8°C
- Superheat 5.2K
- Refrigerant liquid temperature 30°C
- Relative humidity 85%

Temperatur Sedang (SC2)

- Temperatur saluran udara 0°C
- Temperatur evaporator -8°C
- Superheat 5.2K
- Temperatur cairan refrigerant 30°C
- Kelembaban relatif 85%

Low Temperature (SC3)

- Air inlet temperature -18°C
- Evaporator temperature -25°C
- Superheat 4.55K
- Refrigerant liquid temperature 20°C
- Relative humidity 95%

Temperatur Rendah (SC3)

- Temperatur saluran udara -18°C
- Temperatur evaporator -25°C
- Superheat 4.55K
- Temperatur cairan refrigerant 20°C
- Kelembaban relatif 95%

Medium Temperature

RH	50%	55%	60%	65%	70%	75%	80%	85%	90%	95%	100%
Conversion Factors	0.857	0.86	0.859	0.883	0.915	0.945	0.974	1	1.025	1.049	1.084
°C	-25°C	-20°C	-15°C	-10°C	-5°C	0°C	2°C	5°C	10°C		
$\Delta t(K)$	10	0.599	0.729	0.861	0.989	1.113	1.233	1.285	1.342	1.402	
	9	0.585	0.702	0.816	0.923	1.024	1.120	1.162	1.202	1.239	
	8	0.562	0.663	0.758	0.844	0.916	1.000	1.019	1.040	1.079	
	7	0.525	0.610	0.684	0.746	0.807	0.860	0.868	0.873	0.890	
	6	0.475	0.536	0.586	0.617	0.640	0.662	0.670	0.676	0.685	
	5	0.383	0.412	0.429	0.445	0.455	0.459	0.462	0.463	0.464	

Low Temperature

RH	50%	55%	60%	65%	70%	75%	80%	85%	90%	95%	100%
Conversion Factors	0.955	0.96	0.957	0.959	0.962	0.969	0.978	0.986	0.993	1	1.012
°C	-35°C	-30°C	-25°C	-20°C	-18°C	-15°C	-12°C	-5°C	0°C		
$\Delta t(K)$	10	0.764	0.958	1.152	1.334	1.403	1.501	1.584	1.782	1.886	
	9	0.750	0.924	1.091	1.241	1.295	1.372	1.435	1.588	1.677	
	8	0.723	0.872	1.007	1.122	1.163	1.219	1.262	1.370	1.426	
	7	0.676	0.795	0.898	0.974	1.000	1.037	1.060	1.122	1.164	
	6	0.601	0.684	0.746	0.788	0.800	0.815	0.817	0.845	0.886	
	5	0.472	0.490	0.498	0.520	0.522	0.526	0.542	0.595	0.641	

Type	E4-214-M-1x630	E4-254-M-1x630	E4-289-M-1x630	E4-346-M-1x630	E4-383-M-1x630	E4-432-M-2x630	E4-514-M-2x630	E4-586-M-2x630
Cooling capacity								
R404 (kW)	21.4	25.4	28.9	34.6	38.3	43.2	51.4	58.6
Air flow (m ³)	17377	17055	16751	16068	15378	34753	34108	33500
Air throw (m)	30	30	30	30	30	31	31	31
Fan 3Ph/380V/50Hz								
Quantity	1	1	1	1	1	2	2	2
Diameter (mm)	630	630	630	630	630	630	630	630
Amphere (A)	5.10	5.10	5.10	5.10	5.10	10.20	10.20	10.20
Kilowatt (kW)	2.75	2.75	2.75	2.75	2.75	5.50	5.50	5.50
Sound level dB(A) 1m	75	75	75	75	75	76	76	76
Heater 3Ph/380V/50Hz								
Kilowatt (kW)	4.68	7.02	7.02	9.36	9.36	9.36	14.04	14.04
Dimentions								
Lenght (mm)	1697	1697	1697	1697	1697	2997	2997	2997
Height (mm)	1150	1150	1150	1150	1150	1150	1150	1150
Deep (mm)	614	614	614	724	724	614	614	614
D1 (mm)	480	480	480	590	590	480	480	480
L1 (mm)	1340	1340	1340	1340	1340	1340	1340	1340
L2 (mm)	-	-	-	-	-	1300	1300	1300
L3 (mm)	-	-	-	-	-	2640	2640	2640
Weight (kg)	168	176	185	207	222	327	342	357
Connection								
Inlet (mm)	22.22	22.22	22.22	22.22	22.22	22.22	2x22.22	2x22.22
Outlet (mm)	34.93	34.93	34.93	41.28	41.28	53.93	2x34.93	2x53.98
Drain pipe (NW")	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2

Type	E4-702-M-2x630	E4-727-M-2x630	E4-766-M-3x630	E4-873-M-3x630	E4-1046-M-3x630	E4-1058-M-4x630	E4-1194-M-4x630	E4-1407-M-4x630
Cooling capacity								
R404 (kW)	70.2	72.7	76.6	87.3	104.6	105.8	119.4	140.7
Air flow (m ³)	32134	30762	50692	49640	47335	65814	63924	60238
Air throw (m)	31	31	31	31	31	32	32	32
Fan 3Ph/380V/50Hz								
Quantity	2	2	3	3	3	4	4	4
Diameter (mm)	630	630	630	630	630	630	630	630
Amphere (A)	10.20	10.20	15.30	15.30	15.30	20.40	20.40	20.40
Kilowatt (kW)	5.50	5.50	8.25	8.25	8.25	11.00	11.00	11.00
Sound level dB(A) 1m	76	76	77	77	77	78	78	78
Heater 3Ph/380V/50Hz								
Kilowatt (kW)	18.72	18.72	21.06	21.06	28.08	28.08	28.08	37.44
Dimentions								
Lenght (mm)	2997	2997	4297	4297	4297	5597	5597	5597
Height (mm)	1150	1150	1150	1150	1150	1150	1150	1150
Deep (mm)	724	724	724	724	724	724	724	724
D1 (mm)	590	590	590	590	590	590	590	590
L1 (mm)	1340	1340	1340	1340	1340	1340	1340	1340
L2 (mm)	1300	1300	1300	1300	1300	1300	1300	1300
L3 (mm)	2640	2640	3940	3940	3940	5240	5240	5240
Weight (kg)	404	433	510	542	625	685	730	852
Connection								
Inlet (mm)	2x22.22	2x22.22	28.58	2x22.22	2x22.22	2x22.22	2x28.58	2x28.58
Outlet (mm)	2x53.98	2x53.98	66.67	2x53.98	2x53.98	2x53.98	2x53.98	2x53.98
Drain pipe (NW")	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2

Note: standard medium temperature evaporator is without heater. If you need heater, please add E in nomenclature. Ex: E4-214-ME.

Catatan: Standar evaporator temperatur medium tanpa heater. Jika butuh heater, tambahkan E pada nomenclature. Contoh: E4-214-ME.

E4-Series

Medium Temperature Evaporators With Fin Spacing 4.2mm



Type	E4-259- M-1x800	E4-306- M-1x800	E4-347- M-1x800	E4-411- M-1x800	E4-523- M-2x800	E4-617- M-2x800	E4-699- M-2x800	E4-819- M-2x800
Cooling capacity								
R404 (kW)	25.9	30.6	34.7	41.1	52.3	61.7	69.9	82.9
Air flow (m ³)	20042	19398	18813	17773	40083	38795	37625	35545
Air throw (m)	28	28	28	28	29	29	29	29
Fan 3Ph/380V/50Hz								
Quantity	1	1	1	1	2	2	2	2
Diameter (mm)	800	800	800	800	800	800	800	800
Amphere (A)	3.80	3.80	3.80	3.80	7.60	7.60	7.60	7.60
Kilowatt (kW)	1.80	1.80	1.80	1.80	3.60	3.60	3.60	3.60
Sound level dB(A) 1m	66	66	66	66	67	67	67	67
Heater 3Ph/380V/50Hz								
Kilowatt (kW)	5.40	8.10	8.10	10.80	10.80	16.20	16.20	21.60
Dimentions								
Lenght (mm)	1937	1937	1937	1937	3437	3437	3437	3437
Height (mm)	1278	1278	1278	1278	1278	1278	1278	1278
Deep (mm)	926	926	926	926	926	926	926	926
D1 (mm)	640	640	640	640	640	640	640	640
L1 (mm)	1540	1540	1540	1540	1540	1540	1540	1540
L2 (mm)	-	-	-	-	1500	1500	1500	1500
L3 (mm)	-	-	-	-	3040	3040	3040	3040
Weight (kg)	278	285	295	314	490	510	530	566
Connection								
Inlet (mm)	22.22	22.22	22.22	28.58	28.58	2x22.22	2x22.22	2x22.22
Outlet (mm)	34.93	41.28	41.28	53.93	53.93	2x53.98	2x53.98	2x53.98
Drain pipe (NW")	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2

Type	E4-756- M-3x800	E4-897- M-3x800	E4-1011- M-3x800	E4-1210- M-3x800	E4-1071- M-4x800	E4-1254- M-4x800	E4-1408- M-4x800	E4-1636- M-4x800
Cooling capacity								
R404 (kW)	75.6	89.7	101.1	121.0	107.1	125.4	140.7	163.6
Air flow (m ³)	59223	57167	55.310	52001	76168	73147	70409	65548
Air throw (m)	29	29	29	29	30	30	30	30
Fan 3Ph/380V/50Hz								
Quantity	3	3	3	3	4	4	4	4
Diameter (mm)	800	800	800	800	800	800	800	800
Amphere (A)	11.40	11.40	11.40	11.40	15.20	15.20	15.20	15.20
Kilowatt (kW)	5.40	5.40	5.40	5.40	7.20	7.20	7.20	7.20
Sound level dB(A) 1m	68	68	68	68	69	69	69	69
Heater 3Ph/380V/50Hz								
Kilowatt (kW)	16.20	24.30	24.30	32.40	21.60	32.40	32.40	43.20
Dimentions								
Lenght (mm)	4937	4937	4937	4937	6437	6437	6437	6437
Height (mm)	1278	1278	1278	1278	1278	1278	1278	1278
Deep (mm)	926	926	926	926	926	926	926	926
D1 (mm)	640	640	640	640	640	640	640	640
L1 (mm)	1540	1540	1540	1540	1540	1540	1540	1540
L2 (mm)	1500	1500	1500	1500	1500	1500	1500	1500
L3 (mm)	4540	4540	4540	4540	6040	6040	6040	6040
Weight (kg)	765	805	845	923	1122	1182	1240	1355
Connection								
Inlet (mm)	28.58	28.58	2x22.22	2x28.58	34.93	2x28.58	2x28.58	2x34.93
Outlet (mm)	66.67	66.67	2x53.98	2x53.98	66.67	2x66.67	2x66.67	2x66.67
Drain pipe (NW")	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2

Note: standard medium temperature evaporator is without heater. If you need heater, please add E in nomenclature. Ex: E4-214-ME.

Catatan: Standar evaporator temperatur medium tanpa heater. Jika butuh heater, tambahkan E pada nomenclature. Contoh: E4-214-ME.

Type	E4-109- L-1x630	E4-131- L-1x630	E4-151- L-1x630	E4-185- L-1x630	E4-215- L-1x630	E4-220- L-2x630	E4-266- L-2x630	E4-307- L-2x630
Cooling capacity								
R404 (kW)	10.9	13.1	15.1	18.5	21.5	22.0	26.6	30.7
Air flow (m ³)	17377	16323	16097	15689	15264	33168	32646	32194
Air throw (m)	28	28	28	28	28	29	29	29
Fan 3Ph/380V/50Hz								
Quantity	1	1	1	1	1	2	2	2
Diameter (mm)	630	630	630	630	630	630	630	630
Amphere (A)	5.10	5.10	5.10	5.10	5.10	10.20	10.20	10.20
Kilowatt (kW)	2.75	2.75	2.75	2.75	2.75	5.50	5.50	5.50
Sound level dB(A) 1m	75	75	75	75	75	76	76	76
Heater 3Ph/380V/50Hz								
Kilowatt (kW)	7.02	9.36	9.36	11.70	11.70	14.04	18.72	18.72
Dimensions								
Length (mm)	1697	1697	1697	1697	1697	2997	2997	2997
Height (mm)	1150	1150	1150	1150	1150	1150	1150	1150
Deep (mm)	614	614	614	724	724	614	614	614
D1 (mm)	480	480	480	590	590	480	480	480
L1 (mm)	1340	1340	1340	1340	1340	1340	1340	1340
L2 (mm)	-	-	-	-	-	1300	1300	1300
L3 (mm)	-	-	-	-	-	2640	2640	2640
Weight (kg)	165	170	176	196	210	318	338	340
Connection								
Inlet (mm)	22.22	22.22	22.22	22.22	22.22	22.22	2x22.22	2x22.22
Outlet (mm)	34.93	34.93	34.93	41.28	41.28	53.93	2x34.93	2x53.98
Drain pipe (NW")	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2

Type	E4-379- L-2x630	E4-410- L-2x630	E4-401- L-3x630	E4-464- L-3x630	E4-573- L-3x630	E4-551- L-4x630	E4-633- L-4x630	E4-777- L-4x630
Cooling capacity								
R404 (kW)	37.9	41.0	40.1	46.4	57.3	55.1	63.3	77.7
Air flow (m ³)	31380	30526	48704	48005	46717	63703	62640	60315
Air throw (m)	29	29	29	29	29	30	30	30
Fan 3Ph/380V/50Hz								
Quantity	2	2	3	3	3	4	4	4
Diameter (mm)	630	630	630	630	630	630	630	630
Amphere (A)	10.20	10.20	15.30	15.30	15.30	20.40	20.40	20.40
Kilowatt (kW)	5.50	5.50	8.25	8.25	8.25	11.00	11.00	11.00
Sound level dB(A) 1m	76	76	77	77	77	78	78	78
Heater 3Ph/380V/50Hz								
Kilowatt (kW)	23.40	23.40	28.08	28.08	35.10	37.44	37.44	46.80
Dimensions								
Length (mm)	2997	2997	4297	4297	4297	5597	5597	5597
Height (mm)	1150	1150	1150	1150	1150	1150	1150	1150
Deep (mm)	724	724	724	724	724	724	724	724
D1 (mm)	590	590	590	590	590	590	590	590
L1 (mm)	1340	1340	1340	1340	1340	1340	1340	1340
L2 (mm)	1300	1300	1300	1300	1300	1300	1300	1300
L3 (mm)	2640	2640	3940	3940	3940	5240	5240	5240
Weight (kg)	384	410	488	512	590	653	693	802
Connection								
Inlet (mm)	2x22.22	2x22.22	28.58	2x22.22	2x22.22	2x22.22	2x28.58	2x28.58
Outlet (mm)	2x53.98	2x53.98	66.67	2x53.98	2x53.98	2x53.98	2x53.98	2x53.98
Drain pipe (NW")	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2

E4-Series

Low Temperature Evaporators With Fin Spacing 8.5mm



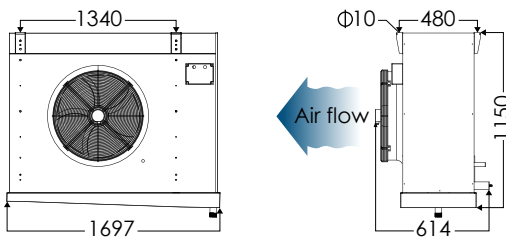
Type	E4-135- L-1x800	E4-161- L-1x800	E4-186- L-1x800	E4-227- L-1x800	E4-272- L-2x800	E4-326- L-2x800	E4-375- L-2x800	E4-457- L-2x800
Cooling capacity								
R404 (kW)	13.5	16.1	18.6	22.7	27.2	32.6	37.5	45.7
Air flow (m ³)	19435	18956	18510	17706	38870	37912	37020	35412
Air throw (m)	27	27	27	27	28	28	28	28
Fan 3Ph/380V/50Hz								
Quantity	1	1	1	1	2	2	2	2
Diameter (mm)	800	800	800	800	800	800	800	800
Amphere (A)	3.80	3.80	3.80	3.80	7.60	7.60	7.60	7.60
Kilowatt (kW)	1.80	1.80	1.80	1.80	3.60	3.60	3.60	3.60
Sound level dB(A) 1m	66	66	66	66	67	67	67	67
Heater 3Ph/380V/50Hz								
Kilowatt (kW)	8.10	10.80	10.80	13.50	16.50	21.60	21.60	27.00
Dimensions								
Length (mm)	1937	1937	1937	1937	3437	3437	3437	3437
Height (mm)	1278	1278	1278	1278	1278	1278	1278	1278
Deep (mm)	926	926	926	926	926	926	926	926
D1 (mm)	640	640	640	640	640	640	640	640
L1 (mm)	1540	1540	1540	1540	1540	1540	1540	1540
L2 (mm)	-	-	-	-	1500	1500	1500	1500
L3 (mm)	-	-	-	-	3040	3040	3040	3040
Weight (kg)	270	278	285	302	480	492	508	540
Connection								
Inlet (mm)	22.22	22.22	22.22	28.58	28.58	2x22.22	2x22.22	2x22.22
Outlet (mm)	34.93	41.28	41.28	53.93	53.93	2x53.98	2x53.98	2x53.98
Drain pipe (NW")	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2

Type	E4-399- L-3x800	E4-480- L-3x800	E4-550- L-3x800	E4-678- L-3x800	E4-561- L-4x800	E4-669- L-4x800	E4-766- L-4x800	E4-922- L-4x800
Cooling capacity								
R404 (kW)	39.9	48.0	55.0	67.8	56.1	66.9	76.6	92.2
Air flow (m ³)	57787	56271	54867	52348	74828	72539	70447	66709
Air throw (m)	28	28	28	28	29	29	29	29
Fan 3Ph/380V/50Hz								
Quantity	3	3	3	3	4	4	4	4
Diameter (mm)	800	800	800	800	800	800	800	800
Amphere (A)	11.40	11.40	11.40	11.40	15.20	15.20	15.20	15.20
Kilowatt (kW)	5.40	5.40	5.40	5.40	7.20	7.20	7.20	7.20
Sound level dB(A) 1m	68	68	68	68	69	69	69	69
Heater 3Ph/380V/50Hz								
Kilowatt (kW)	24.30	32.40	32.40	40.50	32.40	43.20	43.20	54.00
Dimensions								
Length (mm)	4937	4937	4937	4937	6437	6437	6437	6437
Height (mm)	1278	1278	1278	1278	1278	1278	1278	1278
Deep (mm)	926	926	926	926	926	926	926	926
D1 (mm)	640	640	640	640	640	640	640	640
L1 (mm)	1540	1540	1540	1540	1540	1540	1540	1540
L2 (mm)	1500	1500	1500	1500	1500	1500	1500	1500
L3 (mm)	4540	4540	4540	4540	6040	6040	6040	6040
Weight (kg)	742	775	810	878	1095	1145	1195	1295
Connection								
Inlet (mm)	28.58	28.58	2x22.22	2x28.58	34.93	2x28.58	2x28.58	2x34.93
Outlet (mm)	66.67	66.67	2x53.98	2x53.98	66.67	2x66.67	2x66.67	2x66.67
Drain pipe (NW")	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2	NPT 2

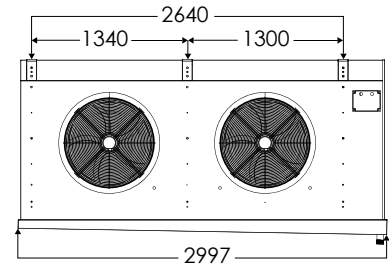
E4-Series

Dimensional drawing with different fans

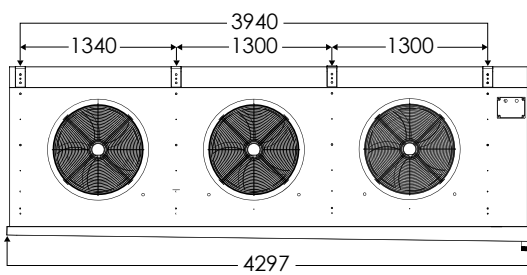
1 x 630 Fan



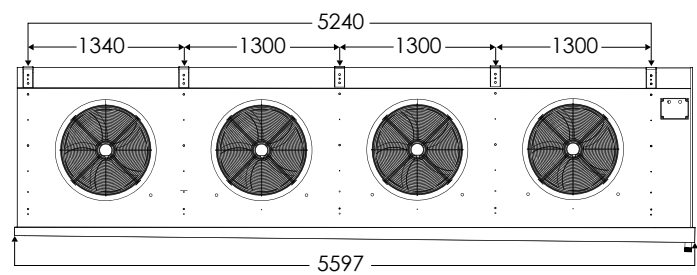
2 x 630 Fan



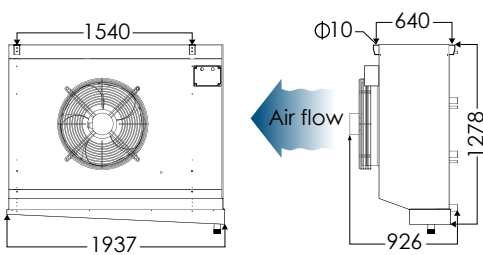
3 x 630 Fans



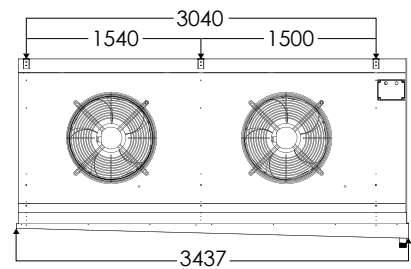
4 x 630 Fans



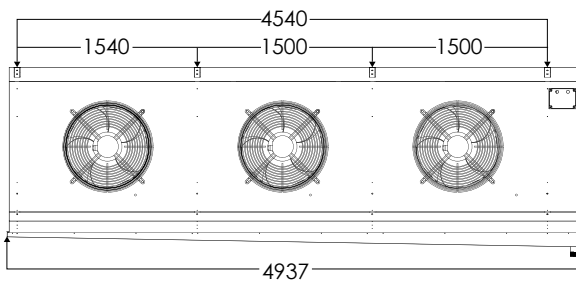
1 x 800 Fans



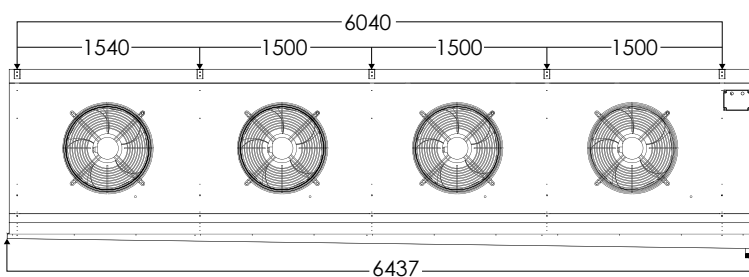
2 x 800 Fans



3 x 800 Fans



4 x 800 Fans



E4-Series

Low Temperature Evaporators With Fin Spacing 8.5mm

With Fan
630mm-800mm

Floor standing as Genuine Air Blast Freezer

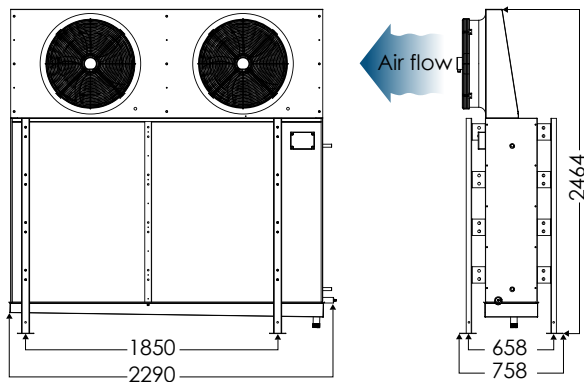


Type	E4-347-F 2x630	E4-408-F 2x630	E4-531-F 3x630	E4-623-F 3x630	E4-704-F 4x630	E4-821-F 4x630	E4-937-F 3x800	E4-1054-F 3x800	E4-1285-F 4x800
Cooling capacity									
R404 (kW)	34.7	40.8	53.1	62.3	70.4	82.1	93.7	105.4	128.5
Air flow (m ³)	26754	25957	40427	38985	54376	52304	73003	69381	85944
Air throw (m)	28	27	28	27	28	28	28	28	28
External air pressure (Pa)	86	92	85	91	83	90	90	100	117
Fan 3Ph/380V/50Hz									
Quantity	2	2	3	3	4	4	3	3	4
Diameter (mm)	630	630	630	630	630	630	800	800	800
Amphere (A)	10.20	10.20	15.30	15.30	20.40	20.40	12.30	12.30	16.40
Watt (W)	5500	5500	8250	8250	11000	11000	6300	6300	8400
Sound level dB(A) 1m	75	75	75	77	77	77	78	80	80
Heater 3Ph/380V/50Hz									
Coil (W)	12000	13000	14000	15000	16000	19800	20400	25500	27000
Drip tray (W)	2400	2600	2800	3000	3200	4950	5100	5100	5400
Dimentions									
Lenght (mm)	2290	2390	2890	2990	3390	3490	3800	3800	4300
Height (mm)	2464	2464	2655	2655	2845	2845	3381	3381	3381
Deep (mm)	758	758	758	758	758	758	830	830	830
A (mm)	1850	1950	2450	2550	2950	3050	3350	3350	3850
B (mm)	-	-	1225	1275	1475	1525	1675	1675	1925
X (mm)	658	658	658	658	658	658	730	730	730
Weight (kg)	280	310	410	455	680	740	820	910	1180
Connection									
Inlet (mm)	2x22.22	2x22.22	2x28.58	3x22.22	3x22.22	3x22.22	2x34.92	3x28.58	3x28.58
Outlet (mm)	2x53.98	2x53.98	2x53.98	3x53.98	3x53.98	3x53.98	2x63.5	3x63.5	3x63.5
Drain pipe (NW")	NPT 1 1/2	NPT 1 1/2	NPT 1 1/2	NPT 1 1/2	NPT 2 1/2	NPT 2 1/2	NPT 2 1/2	NPT 2 1/2	NPT 2 1/2

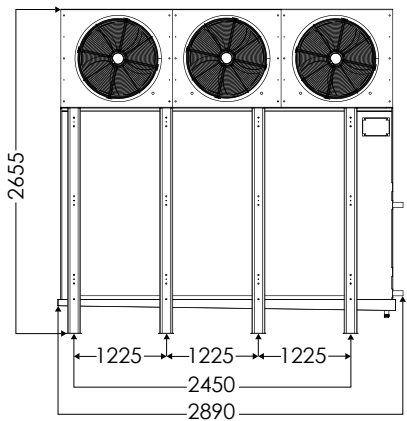
E4-Series

Dimensional drawing with different fans

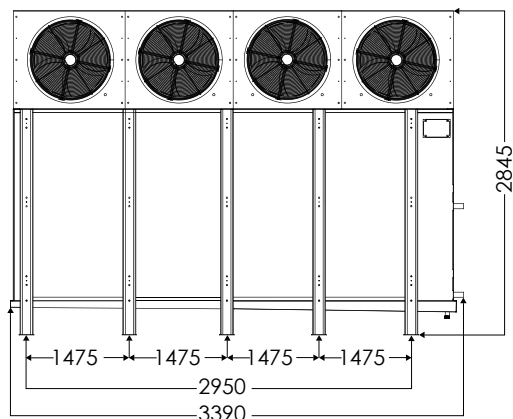
2 x 630 Fan



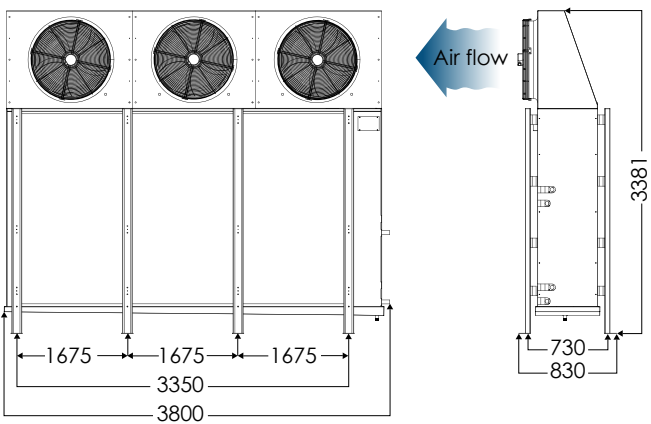
3 x 630 Fan



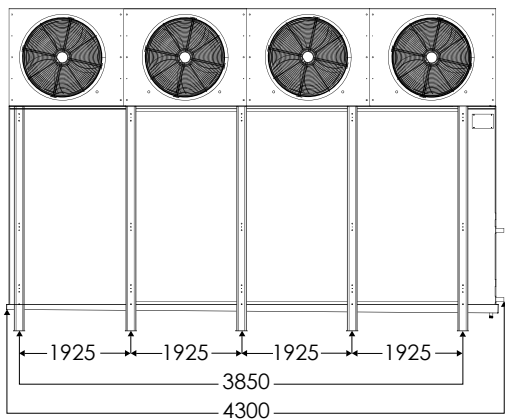
4 x 630 Fans



3 x 800 Fans



4 x 800 Fans



Distributor

