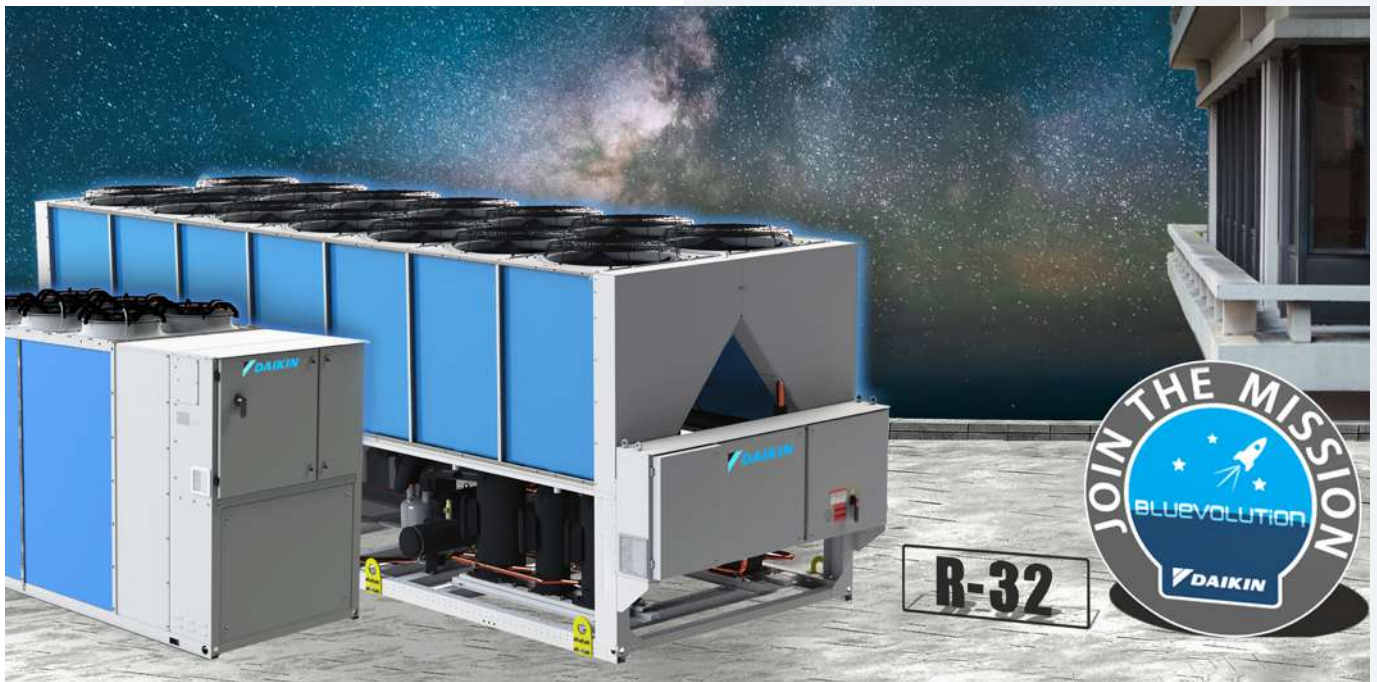


Chillers heat pump

The ultimate in
reliability and flexibility





Infinitely flexible choice in heat pumps

EWYT-B

Multi scroll heat pumps with R-32 refrigerant

- Top class efficiency, SEER up to 4.92 and SCOP up to 4.06
- Low environmental impact thanks to R-32 refrigerant
- Dedicated Scroll Compressors for hot water production up 60°C
- The Global Warming Potential (GWP) of R-32 refrigerant is 675, which is only one third compared to commonly used refrigerant R-410
- The low GWP R-32 refrigerant falls into category class A2L in ISO817 and it can be safely used in many applications including chilled water systems
- As a single component refrigerant, R-32 is also easier to recycle and reuse another environmental plus in its favourWide capacity range: 80 – 650 kW
- Optimized Copper -Aluminium Coils improving performances and de-frosting operation
- Silver and Gold efficiency versions
- 3 sound configurations
- 2 different layouts: Parallel Coil and Double V Coil
- One or Two independent refrigerant circuits
- Full compatibility with Daikin on Site
- Extensive option lists
- Fan speed modulation option (VFD)

Connectivity

Daikin on Site

Fully compatible with Daikin on Site cloud based platform that allows a number of advanced functionalities including:

- Remote monitoring
- System optimization
- Preventive maintenance
- Remote access with one click via LAN or 4G LTE router

Connection to Intelligent Chiller Manager

Daikin can offer the Intelligent Chiller Manager option, allowing energy optimisation of the system and, when necessary, full customization of the control solutions to the specific installation's needs even in case of more complex installation.

- High number of units
- Cooling and Heating mode
- Peripheral controls

 **Intelligent Manager**

Layouts & Range overview

Parallel coils



Silver Efficiency	75-193 kW 82-213 kW	1circuit
Gold Efficiency	80-206 kW 86-218 kW	
Silver Efficiency	189-230 kW 209-256 kW	2 circuits
Gold Efficiency	206-250 kW 215-261 kW	

Double-V coils



Silver Efficiency	270-570 kW 300-627 kW	2 circuits
Gold Efficiency	294-630 kW 306-650 kW	

Extensive option lists
Including new options:

Partial heat recovery

Introduction of condensation control allowing to maintain heat recovery capacity at lower ambient temperatures with unit operating at full capacity

Buffer tank

Unit mounted buffer tank available all across the range for plug and play solution.

VFD pumps and variable flow control

- Variable pump speed control via extenral 0-10 volt signal
- “Thermostat on” and “thermostat off” pump speed management
- Variable primary flow control

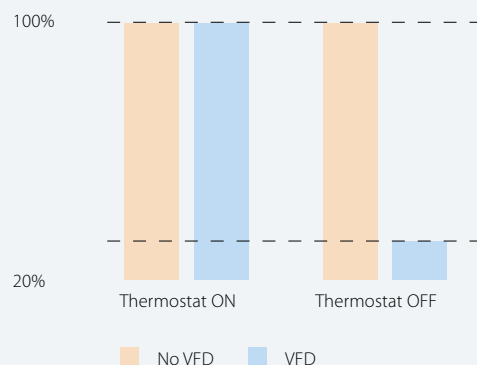
Master/Slave supplied as standard

Master/Slave functionality allowing to manage up to 4 units on the same system without the need of external control devices.

Fan Silent Mode

The parallel coil units and units with VFD option are standardly equipped with Fan Silent Mode, which reduces fan velocity and therefore unit sound emission on scheduled time bands, enhancing comfort during night operation.

Pumping energy



Air cooled multi-scroll heat pump, standard efficiency, standard/low sound



Scroll compressor



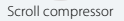
EWYT-B



MicroTech 4

- First R-32 air cooled heat pump with Scroll compressors in the market
- Choosing for an R-32 product, reduces the environmental impact with 68% compared to R-410A and leads directly to lower energy consumption thanks to its high energy efficiency
- One or two truly independent refrigerant circuits for outstanding reliability
- MicroTech 4 controller: sophisticated adaptive software logic for stable operating conditions
- Low operating cost and extended operating life thanks to the careful design aimed to optimize the energy efficiency of the chillers and to improve installation profitability, effectiveness and economical management
- Fan speed modulation to ensure precise airflow control and optimized condensing temperature
- Possible to set up detailed time bands to reduce fan rotation speed and therefore sound emission
- Thanks to the Dynamic Condensing Pressure Management, the chiller controller adjusts the condensing pressure set-point to minimize the overall chiller power input

Heating & Cooling				EWYT-B-SS/SL										085	105	135	175	205	215	235	255	300	340	390	430	490	540	590	630	300- VDFAN	340- VDFAN	390- VDFAN	430- VDFAN	490- VDFAN	540- VDFAN	590- VDFAN	630- VDFAN												
SEER																																																	
Space heating		Average climate water outlet 35°C	General SCOP																																														
				Seasonal space heating eff. class		A+																																											
Cooling capacity		Nom.			kW		75	98	120	153	189	198	212	230	270	317	350	375	434	482	531	570	270	317	350	375	434	482	531	570																			
Heating capacity		Nom.			kW		82.24	106.24	132.23	169.8	209.28	213.33	236.16	256.09	300.01	342.79	389.93	432.79	486.98	541.54	591.29	627.45	300.01	342.79	389.93	432.79	486.98	541.54	591.29	627.45																			
Power input		Cooling	Nom.			kW		28	36.6	44.6	57.8	71.3	72.3	78.9	86.5	102	117	132	147	171	192	206	219	102	117	132	147	171	192	207	219																		
		Heating				kW		28.16	36.5	45.26	58.94	72.36	73.82	82.07	86.96	104.12	116.23	135.61	150.48	166.78	185.15	201.91	214.4	104.41	116.69	136.09	150.96	167.26	185.62	202.51	215																		
Capacity control		Method																																															
		Minimum capacity			%		50	38	50	38	19	50	17	25	22	19	17	25	22	19	18	17	22	19	17	25	22	19	18	17																			
EER								2.69	2.68	2.7	2.65	2.66	2.67	2.69	2.66	2.65	2.69	2.63	2.55	2.54	2.51	2.57	2.6	2.64	2.69	2.62	2.54	2.53	2.5	2.56	2.59																		
COP								2.914	2.903	2.914	2.875	2.886	2.884	2.871	2.938	2.882	2.949	2.875	2.876	2.92	2.925	2.928	2.927	2.873	2.94	2.865	2.867	2.911	2.917	2.92	2.918																		
IPLV								4.43	4.4	4.32	4.28	4.33	4.36	4.31	4.35	4.2	4.31	4.2	4.31	4.46	4.52	4.44	4.53	4.35	4.67	4.45	4.54	4.68	4.71	4.73	4.8																		
Dimensions		Unit	Height	mm	1800										2,516																																		
					1,211										2,224																																		
					2,227										2,776										3,426										4,424										5,025				
Weight (SS)		Unit			kg		764	945	947	1206	1572	1478	1533	1569	2516	2864	3278	3324	3483	3685	4089	4264	2,100	2,250	3,180	3,190	3,180	3,370	4,267																				
		Operation weight			kg		772	953	954	1214	1583	1495	1544	1583	2527	2883	3297	3343	3510	3712	4124	4305	2,114	2,270	3,200	3,209.71	3,207.27	3,397.27	4,302.37	4,308.08																			
Weight (SL)		Unit			kg		764	945	947	1206	1572	1478	1533	1569	2627	2978	3390	3427	3614	3815	4218	4395	2,260	2,410	3,340	3,190	3,180	3,370	4,267																				
		Operation weight			kg		772	953	954	1214	1583	1495	1544	1583	2640	2997	3409	3446	3641	3842	4253	4436	2,274	2,430	3,360	3,209.71	3,207.27	3,397.27	4,302.37	4,308.08																			
Water heat exchanger		Type																																															
		Water volume			l		7				11		14		20		27	35	41	14		20		27	35	41																							
		Water flow rate	Cooling	Nom.	l/s		3.6	4.7	5.8	7.3	9	9.2	10.1	11	12.9	15.1	16.7	17.9	20.7	23	25.3	27.2	12.9	15.1	16.7	17.9	20.7	23	25.3	27.2																			
		Water pressure drop			Cooling	Nom.	kPa		14.9	24.1	35.1	54	45	46.4	55.1	45.1	60.2	49.2	58.8	66.7	58.7	71.2	58.3	66.1	60.2	49.2	58.8	66.7	58.7	71.2	58.3	66.1																	
Air heat exchanger		Type																																															
		Type																																															
		Quantity																																															
Fan		Type																																															
		Quantity																																															
		Air flow rate	Nom.	l/s	6.888	10.809	14.412	13.777	17.220	17.221	20.664	28.003	33.604	46.854	45.830	44.806	57.288	56.008	28.003	33.604	46.854	45.830	44.806	57.288	56.008	28.003	33.604	46.854	45.830	44.806	57.288	56.008																	
Speed					rpm		1360																																										
Sound power level (SS)		Cooling	Nom.	dBA		84	87	89	91	90	92	91	92	94	95	96	96.3	96.6	96.8	97.5	97.8	94	94.9	95.9	96.3	96.6	96.8	97.5	97.8																				
Sound power level (SL)		Cooling		dBA		83	85	87	88		89	91	92	93	92	93	92.9	93	93.9	90.8	91.6	92.8	92.9	93	93.9																								
Sound pressure level (SS)		Cooling	Nom.	dBA		66	69	71	73	71	74	72	73	74	75	76	76.3	76.6	76.8	77.1	77.4	74.5	75.4	75.9	76.3	76.6	76.8	77.1	77.4																				
Sound pressure level (SL)		Cooling		dBA		65	67	69	70	69	70			71	72	73	72.9	73	73.5	71.3	72.1	72.8	72.9	73	73.5																								
Refrigerant		Type																																															
		Charge			kg		12.7	15.8	185	26	34	34.8	37.2	43	41.7	48	47.1	48.6	60.3	70	78.5	87	41.7	48	47.1	48.6	60.3	70	78.5	87																			
		Circuits	Quantity				1		2		1																																						
Piping connections		Evaporator water inlet/outlet (OD) mm																			114.3																												
Unit		Starting current	Max	A	2110	3270	3430	4640	4080	4950	4250	4390	5640	5980	6360	6660	7120	7570	7950	8250	564	598	636	666	712	757	795	825																					
		Running current			Cooling	Nom.	A	540	660	760	990	1250	1230	1830	1460	1740	1980	2270	2530	2910	3280	3530	3720	175	198	228	253	292	329	354	373																		
		current						Max	A	680	850	1010	1310	1660	1630	1830	1970	2320	2660	3040	3340	3790	4250	4630	4930	232	266	304	334	379	425	463	493																
Power supply		Phase/Frequency/Voltage	Hz/V																			3~/50/400																											



- EWYT-B-SR

Heating & Cooling				EWT-B-SR		085	105	135	175	205	215	235	255	300	340	390	430	490	540	590	630			
SEER					3.82	3.93	3.87	3.96	3.92	3.82	3.83	3.84	4.18	4.37	4.21	4.19		4.49	4.46	4.52				
 Space heating	Average climate water outlet 35°C	General	SCOP		3.35	3.40	3.37	3.42	3.44	3.43	3.32	3.33	3.42	3.49			3.57	3.65	3.60	3.67	3.66			
		Seasonal space heating eff. class		A+	-																			
Cooling capacity	Nom.			kW	74	96	119	130	186	189	209	226	265	311	344	368	424	470	519	557				
Heating capacity	Nom.			kW	81.00	105.24	131.02	167.00	207.00	210.00	233.00	251.00	295.81	335.24	384.62	426.79	477.49	528.73	581.03	615.34				
Power input	Cooling	Nom.		kW	28.7	37.4	45.5	59.5	73.2	74.3	80.7	88.8	102	117	131	147	172	195	207	221				
	Heating	Nom.		kW	26.4	36.24	44.84	54.67	67.74	68.31	77.26	80.08	101.89	113.31	131.71	144.34	160.28	178.33	194.13	206.57				
Capacity control	Method				Step																			
	Minimum capacity			%	50	38	50	38	19	50	17	25	22	19	17	25	22	19	18	17				
EER					2.56	2.58	2.61	2.53	2.54	2.55	2.59	2.55	2.59	2.64	2.61	2.5	2.46	2.41	2.5	2.51				
COP					2.891	2.904	2.922	2.859	2.883	2.866	2.863	2.912	2.903	2.959	2.92	2.957	2.979	2.965	2.993	2.979				
IPLV					4.36	4.24	4.3	4.38	4.29		4.28	4.26	4.29	4.69	4.58	4.61	4.78	4.89	4.82	4.91				
Dimensions	Unit	Height		mm	1801										2,516									
		Width		mm	1,211										2,224									
		Length		mm	2,227	2,776	3,426		4,424		4,028		5,025		3,418		4,316		5,211					
Weight	Unit			kg	764	945	947	1,206	1,572	1,478	1,533	1,569	2,627	2,978	3,390	3,427	3,614	3,815	4,218	4,395				
	Operation weight			kg	772	953	954	1,214	1,583	1,495	1,544	1,583	2,640	2,997	3,409	3,446	3,641	3,542	4,253	4,436				
Water heat exchanger	Type				Plate heat exchanger																			
	Water volume			l	7				11				14			20			27			35	41	
	Water flow rate	Cooling	Nom.	l/s	3.5	4.6	5.7	7.2	8.9	9	10	10.8	12.7	14.8	16.4	17.5	20.2	22.4	24.8	26.6				
	Water pressure drop	Cooling	Nom.	kPa	14.4	23.4	34.2	52.2	43.5	44.8	53.5	43.6	58.1	47.6	57	64.4	56.3	67.8	56	63.4				
Air heat exchanger	Type				High efficiency fin and tube type																			
Compressor	Type				Scroll compressor																			
	Quantity				2				4	2	4						5			6				
Fan	Type				Direct propeller																			
	Quantity				4	6	8		10		12		5	6	8			10						
	Air flow rate	Nom.		l/s	6.026	9.483	12.644	12.052	15.064	15.065	18.078		23.608	28.330	39.446		38.610	37.774	48.262	47.216				
	Speed			rpm	1,200																			
Sound power level	Cooling	Nom.		dBA	78	82	84	85	84	87	86		87	88	89	89.3	89.4	89.5	90.4	90.5				
Sound pressure level	Cooling	Nom.		dBA	60	64	65	67	66	68	67		68		69	69.3	69.4	69.5	70	70.1				
Refrigerant	Type				R-32																			
	Charge			kg	13.3	14.7	19.3	24.5	29	34	36.2	43	40.3	47.2	50.4	79	89	68.8	77.6	82				
	Circuits	Quantity			1				2	1	2													
Piping connections	Evaporator water inlet/outlet (OD)			mm	88.9																	114.3		
Unit	Starting current	Max		A	211.0	327.0	343.0	464.0	408.0	495.0	425.0	439.0	564.0	598.0	636.0	666.0	712.0	757.0	795.0	825.0				
	Running current	Cooling	Nom.	A	55.0	67.0	77.0	101.0	128.0	126.0	136.0	149.0	173.0	196.0	224.0	251.0	292.0	330.0	353.0	373.0				
		Max		A	68.0	85.0	101.0	131.0	166.0	163.0	183.0	197.0	232.0	266.0	304.0	334.0	379.0	425.0	463.0	493.0				
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/400																			



Air cooled multi-
scroll heat pump,
high efficiency,
standard/low sound



EWYT-B-XS/XL

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- Possible to set up detailed time bands to reduce fan rotation speed and therefore sound emission
- Thanks to the Dynamic Condensing Pressure Management, the chiller controller adjusts the condensing pressure set-point to minimize the overall chiller power input

Heating & Cooling				EWYT-B-XS/XL	085	115	135	175	215	215	235	265	310	350	400	440	500	560	600	630	650	VDFAN 310	VDFAN 350	VDFAN 400	VDFAN 440	VDFAN 500	VDFAN 560	VDFAN 600	VDFAN 630	VDFAN 650																
SEER					4.24	4.38	4.24	4.45	4.41	4.21	4.4	4.13	4.57	4.67	4.54	4.57	4.72	4.71	4.7	4.69	4.4	4.66	4.81	4.68	4.63	4.86	4.83	4.83	4.82	4.58																
Space heating		Average climate water outlet 35°C	General	SCOP	3.70	3.72	3.70	3.67	3.70	3.66	3.86	3.77	3.90	3.82	3.85	3.83	3.81	3.79	3.76	3.53	3.96	3.97	3.93	3.91	3.96	3.93	3.87	3.68																		
				Seasonal space heating eff. class	A+																																									
Cooling capacity		Nom.			80	104	126	166	206	229	250	288	328	370	406	467	519	560	597	610	288	328	370	406	467	519	560	597	610																	
Heating capacity		Nom.			kW	85.86	1102	131.8	176.29	214.81	218.29	239.37	260.83	305.53	349.96	400.64	443.87	500.13	555.95	598.67	633.91	649.7	305.53	349.96	400.64	443.87	500.13	555.95	598.67	633.91	649.7															
Power input		Cooling	Nom.		kW	26.3	35.1	42.1	56.6	68	71.8	74.9	83.4	93.9	107	122	134	158	177	198	204	207	94.1	107	123	135	158	177	198	205	207															
		Heating	Nom.		kW	26.06	33.19	39.11	51.68	62.55	64.91	69.49	76.15	88.61	101.7	116.65	128	143	165.04	196.66	203.16	88.81	101.93	117.94	128.08	147.63	165.38	180.33	192.05	203.95																
Capacity control		Method			Step																																									
		Minimum capacity		%	50	38	50	38	19	50	17	25	22	19	17	25	22	19	18	17	22	19	17	25	22	19	18	17																		
EER					3.03	2.95	2.99	2.93	3.03	2.86	3.06	3	3.06	3.05	3.02	3.01	2.95	2.93	2.9	2.92	2.95	3.06	3.03	3.01	2.95	2.92	2.9	2.91	2.94																	
COP					3.295	3.345	3.405	3.411	3.484	3.363	3.444	3.425	3.448	3.441	3.405	3.473	3.395	3.369	3.327	3.308	3.38	3.44	3.433	3.397	3.466	3.388	3.362	3.32	3.301	3.386																
IPLV					4.75	4.69		4.87	4.72	4.87	4.64	4.94	4.96	5	5.1	5.08	5.05	4.66	4.97	5.16	5.16	5.16	5.3	5.29	5.22	5.16	4.99																			
Dimensions		Unit	Height	mm	1801																2,516																									
			Width	mm	1,211																2,224																									
			Length	mm	2,776	3,426	4,024	5,625	4,628	6,223		4,316	5,211	6,112		7,010		4,125		5,025		5,925		6,825																						
Weight (XS)		Unit		kg	927	930	996	1,367	2,099	1,522	1,766	1,797	3,073	3,254	3,618	3,933	4,208	4,457	4,791	4,957	2,830	3,080	3,650	3,750	4,206	4,296	4,760	4,860																		
		Operation weight		kg	938	941	1,007	1,393	2,185	1,564	1,796	1,827	3,103	3,289	3,648	3,945	4,270	4,527	4,861	5,087	2,865	3,115	3,685.37	3,811.88	4,267.88	4,366.2	4,830.2	4,930.2																		
Weight (XL)		Unit		kg	927	930	996	1,367	2,099	1,522	1,766	1,797	3,181	3,367	3,716	4,035	4,337	4,586	4,922	5,089	3,140	3,240	3,650	3,750	4,206	4,296	4,760	4,860																		
		Operation weight		kg	938	941	1,007	1,393	2,185	1,564	1,796	1,827	3,216	3,402	3,751	4,097	4,399	4,656	4,992	5,159	3,175	3,275	3,685.37	3,811.88	4,267.88	4,366.2	4,830.2	4,930.2																		
Water heat exchanger		Type	Plate heat exchanger																																											
		Water volume		l	11				16	35	16	35				62				70				35				62				70														
		Water flow rate	Cooling	Nom.	l/s	3.8	5	6	7.9	9.8	10.9	11.9	13.7	15.7	17.7	19.4	22.3	24.7	26.7	28.5	29.1	13.7	15.7	17.7	19.4	22.3	24.7	26.7	28.5	29.1																
		Water pressure drop	Cooling	Nom.	kPa	9.49	15.2	21.5	20.1	12	29.6	14.6	17.1	22	27.9	34.7	23.6	30.4	33.6	38.6	43.2	45	22	27.9	34.7	23.6	30.4	33.6	38.6	43.2	45															
Air heat exchanger		Type	High efficiency fin and tube type																																											
Compressor		Type	Scroll compressor																																											
		Quantity	2				4				2				4				5				6				4				5				6											
Fan		Type	Direct propeller																																											
		Quantity	6				8				10				14				12				14				7				8				10				12				14			
		Air flow rate	Nom.	l/s	9.039	12.644	12.052	15.065	21.090	18.078	24.104	29.393	33.820	43.351	42.276	52.021	50.730	60.692	59.886	78.410	29.593	33.820	43.351	42.276	52.021	50.730	60.692	59.886	78.410																	
		Speed		rpm	1200								700				900				700								900																	
Sound power level (XS)		Cooling	Nom.	dBA	81	86	88	90	89	91	90	91	92	93	94.2	94.8	95.3	95.6	96.1	96.5	98.4	92.4	93.4	94.2	94.8	95.3	95.6	96.1	96.5	98.4																
Sound power level (XL)		Cooling	Nom.	dBA	79.5	82.6	84.1	86.2	85.4	87.5	86.4	87.1	86	87	88	88.2	88.9	89	89.6	89.7	95.3	86.4	87.1	88	88.2	88.9	89	89.6	89.7	95.3																
Sound pressure level (XS)		Cooling	Nom.	dBA	63	67	69	71	69	73	70	71	72	73	73.8	74.4	74.5	74.8	75	75.4	77.3	72.4	73.4	73.8	74.4	74.5	74.8	75	75.4	77.3																
Sound pressure level (XL)		Cooling	Nom.	dBA	61	64	65	67	66	68	66	67	66	67	67.6	67.8	68.1	68.2	68.5	68.6	74.2	66.4	67.1	67.6	67.8	68.1	68.2	68.5	68.6	74.2																
Refrigerant		Type	R-32																																											
		Charge		kg	17.7	183	22	33.7	42.4	51.6	48.6	46	52.4	60.4	70.5	84	87.5	92	111	100	118	52.4	60.4	70.5	84	87.5	92	111	100	118																
		Circuits	Quantity		1				2				1				2				1				2				1				2													
Piping connections		Evaporator water inlet/outlet (OD) mm					88.9								114.3								88.9								114.3															
Unit		Starting current	Max	A	213.0	329.0	343.0	465.0	412.0	497.0	429.0	443.0	562.0	594.0	629.0	659.0	710.0	755.0	790.0	820.0	841.0	572	606	644	674	728	773	811	841																	
		Running current	Cooling	Nom.	A	53.0	65.0	75.0	99.0	122.0	123.0	132.0	143.0	170.0	192.0	215.0	236.0	276.0	310.0	338.0	358.0	361.0	170	198	216	237	277	313	339	362																
		Max	A	70.0	87.0	101.0	133.0	170.0	165.0	186.0	201.0	229.0	262.0	297.0	327.0	370.0	423.0	458.0	488.0	509.0	240	274	312	342	395	441	479	509																		
Power supply		Phase/Frequency/Voltage		Hz/V	3~50/400																																									



EWYT-B

- | Heating & Cooling | | | | EWT-B-XR | | 085 | 115 | 135 | 175 | 215 | 215 | 235 | 265 | 310 | 350 | 400 | 440 | 500 | 560 | 600 | 630 | 650 |
|---|-----------------------------------|-----------------------------------|------|----------|-----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|
| SEER | | | | | 4.21 | 4.37 | 4.21 | 4.41 | 4.16 | 4.42 | 4.43 | 4.13 | 4.74 | 4.8 | 4.82 | 4.63 | 4.92 | 4.89 | 4.83 | 4.79 | 4.72 | |
|  Space heating | Average climate water outlet 35°C | General | SCOP | | 3.66 | 3.71 | 3.65 | 3.83 | 3.74 | 3.70 | 3.82 | 3.81 | 4.06 | 4.01 | 3.95 | 4.03 | 3.99 | 4.04 | 4.00 | 3.98 | 3.88 | |
| | | Seasonal space heating eff. class | | A+ | - | | | | | | | | | | | | | | | | | |
| Cooling capacity | Nom. | | | kW | 79 | 103 | 124 | 164 | 203 | 204 | 227 | 247 | 282 | 321 | 364 | 398 | 458 | 507 | 548 | 583 | 600 | |
| Heating capacity | Nom. | | | kW | 84.9 | 110.32 | 132.02 | 174.14 | 216.57 | 213.48 | 237.57 | 256.58 | 301.04 | 344.8 | 395.81 | 438.23 | 494.13 | 549.6 | 588.57 | 620.71 | 637.4 | |
| Power input | Cooling | Nom. | | kW | 26.6 | 35.4 | 42.6 | 57.4 | 72.9 | 68.8 | 75.7 | 84.4 | 95.2 | 111 | 124 | 136 | 160 | 180 | 196 | 208 | 203 | |
| | Heating | Nom. | | kW | 25.87 | 32.94 | 38.82 | 51.3 | 64.51 | 62.13 | 68.99 | 75.49 | 86.19 | 98.95 | 114.46 | 124.61 | 143.5 | 161.2 | 175.33 | 186.93 | 198.22 | |
| Capacity control | Method | | | | Step | | | | | | | | | | | | | | | | | |
| | Minimum capacity | | | % | 50 | 38 | 50 | 38 | 50 | 19 | 17 | 25 | 22 | 19 | 17 | 25 | 22 | 19 | 18 | 17 | | |
| EER | | | | | 2.98 | 2.9 | 2.92 | 2.86 | 2.79 | 2.97 | 3 | 2.93 | 2.96 | 2.95 | 2.93 | 2.91 | 2.85 | 2.81 | 2.8 | | 2.94 | |
| COP | | | | | 3.282 | 3.349 | 3.401 | 3.394 | 3.357 | 3.436 | 3.443 | 3.399 | 3.493 | 3.485 | 3.458 | 3.517 | 3.443 | 3.409 | 3.357 | 3.321 | 3.299 | |
| IPLV | | | | | 4.73 | 4.67 | 4.65 | 4.67 | 4.86 | 4.82 | 4.62 | 4.92 | 5.12 | 5.26 | 5.12 | 5.34 | 5.32 | 5.22 | 5.23 | 5.23 | 5.19 | |
| Dimensions | Unit | Height | | mm | 1801 | | | | | | | | 2,514 | | | | 2,527 | | | | | |
| | | Width | | mm | 1,211 | | | | | | | | 2,224 | | | | | | | | | |
| | | Length | | mm | 2,776 | 3,426 | 4,024 | | 4,628 | 5,625 | 6,223 | | 4,316 | | 5,211 | | 6,112 | | 7,010 | | | |
| Weight | Unit | | | kg | 927 | 930 | 996 | 1,367 | 1,522 | 2,099 | 1,766 | 1,797 | 3,181 | 3,367 | 3,716 | 4,035 | 4,337 | 4,586 | 4,922 | 5,089 | | |
| | Operation weight | | | kg | 938 | 941 | 1,007 | 1,393 | 1,564 | 2,135 | 1,796 | 1,827 | 3,216 | 3,402 | 3,751 | 4,097 | 4,399 | 4,656 | 4,992 | 5,159 | | |
| Water heat exchanger | Type | | | | Plate heat exchanger | | | | | | | | | | | | | | | | | |
| | Water volume | | | l | 11 | | | 16 | | | 35 | | | | 62 | | | | 70 | | | |
| | Water flow rate | Cooling | Nom. | l/s | 3.8 | 4.9 | 5.9 | 7.8 | 9.7 | | 10.8 | 11.8 | 13.4 | 15.3 | 17.3 | 19 | 21.8 | 24.2 | 26.2 | 27.8 | 28.6 | |
| | Water pressure drop | Cooling | Nom. | kPa | 9.33 | 14.9 | 21.1 | 19.6 | 28.9 | | 11.8 | 14.3 | 16.8 | 21.2 | 26.8 | 33.5 | 22.7 | 29.2 | 32.2 | 37.1 | 41.4 | 43.7 |
| Air heat exchanger | Type | | | | High efficiency fin and tube type | | | | | | | | | | | | | | | | | |
| Compressor | Type | | | | Scroll compressor | | | | | | | | | | | | | | | | | |
| | Quantity | | | | 2 | | | | | 4 | | | | | 5 | | | | | 6 | | |
| Fan | Type | | | | Direct propeller | | | | | | | | | | | | | | | | | |
| | Quantity | | | | 6 | 8 | 10 | 12 | 14 | 16 | 7 | 8 | 10 | 12 | 14 | | | | | | | |
| | Air flow rate | Nom. | | l/s | 8.298 | 11.630 | 11.064 | 13.830 | 16.596 | 19.362 | 22.128 | 25.074 | 28.656 | 36.808 | 35.820 | 44.169 | 42.984 | 51.531 | 50.148 | 66.104 | | |
| | Speed | | | rpm | 1,108 | | | | | | | | | | 600 | | | | | | | 780 |
| Sound power level | Cooling | Nom. | | dBA | 77 | 81 | 83 | 85 | 87 | 84 | 85 | 86 | 84 | | 85.2 | 85.5 | 86.2 | 86.3 | 86.9 | 87.1 | 91.6 | |
| Sound pressure level | Cooling | Nom. | | dBA | 59 | 63 | 65 | 67 | 68 | 65 | | 66 | 64 | | 64.8 | 65.1 | 65.4 | 65.5 | 65.8 | 66 | 70.5 | |
| Refrigerant | Type | | | | | | | | | | | | | | | | | | | | | |

Air cooled scroll inverter heat pump, split version

- Inverter Heat Pump in Split version
- Daikin scroll compressor
- High part load efficiency for low running cost
- Glycol free application
- Wide operation range and hot water production up to 60°C
- Integrated hydronic module as standard



EWYT-CZI



Inverter technology



Scroll compressor

Indoor Unit		EWYT	021CZI-A1	032CZI-A1	040CZI-A1	064CZI-A2
Casing	Colour		Ivory white			
	Material		Galvanized and painted steel sheet			
Dimensions	Unit	HeightxWidthxDepth	mm	700x1,120x830		
Weight	Unit		kg	133	144	172
Operation range	Heating	Ambient	Min.~Max.	-20 ~35		
		Water side	Min.~Max.	20 ~60		
	Cooling	Ambient	Min.~Max.	-20 ~45		
		Water side	Min.~Max.	4 ~20		
Sound power level	Nom.		dBA	63.0	64.5	66.0

Air cooled scroll inverter heat pump, split version

- Inverter Heat Pump in Split version
- Daikin scroll compressor
- High part load efficiency for low running cost
- Glycol free application
- Wide operation range and hot water production up to 60°C
- Integrated hydronic module as standard



EWYT-CZO



Inverter technology



Scroll compressor

Outdoor Unit		EWYT	021CZO-A1	032CZO-A1	040CZO-A1	064CZO-A2
Dimensions	Unit	HeightxWidthxDepth	mm	1,878x1,152x802	1,878x1,175x802	1,878x2,906x814
Weight	Unit		kg	265	357	620
Compressor	Quantity			1		2
	Type			Scroll compressor		
Refrigerant	Type			R-32		
	GWP			675.0		
	Charge	kg	7.3	9.5	9.8	16.6
	Charge	TCO2Eq	4,928.0	6,422.0	6,635.0	11,255.0
Sound power level	Cooling	Nom.	dBA	76.0	79.0	83.0
Sound pressure level	Cooling	Nom.	dBA	59.6	62.2	65.4
Power supply	Phase/Frequency/Voltage	Hz/V		3N~/50/400		

