

360°
efficiency

installation
efficiency



design
efficiency

operational
efficiency



VRV IV heat
recovery

REYQ-T

Best efficiency & comfort solution

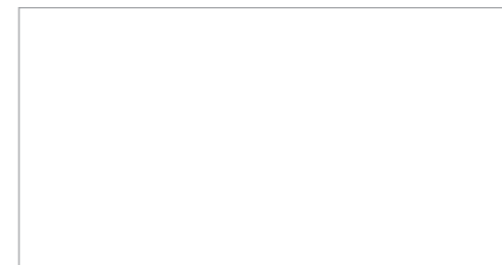
- › Fully integrated solution with heat recovery for maximum efficiency with COPs of up to 8!
- › Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, hot water, air handling units and Biddle air curtains
- › „Free“ heating and hot water production provided by transferring heat from areas requiring cooling to areas requiring heating or hot water
- › The perfect personal comfort for guests/tenants via simultaneous cooling and heating
- › Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature, continuous heating, VRV configurator, 7 segment display and full inverter compressors, 4-side heat exchanger, refrigerant cooled PCB, new DC fan motor



FAST design + **QUICK** installation + **MORE** free heat + **MAX** comfort

Our new VRV IV heat recovery systems sets pioneering standards in all-round climate comfort efficiency. Total design simplicity, rapid installation, full flexibility with absolute efficiency and comfort. Find out about all revolutionary changes on www.daikineurope.com/vrviv

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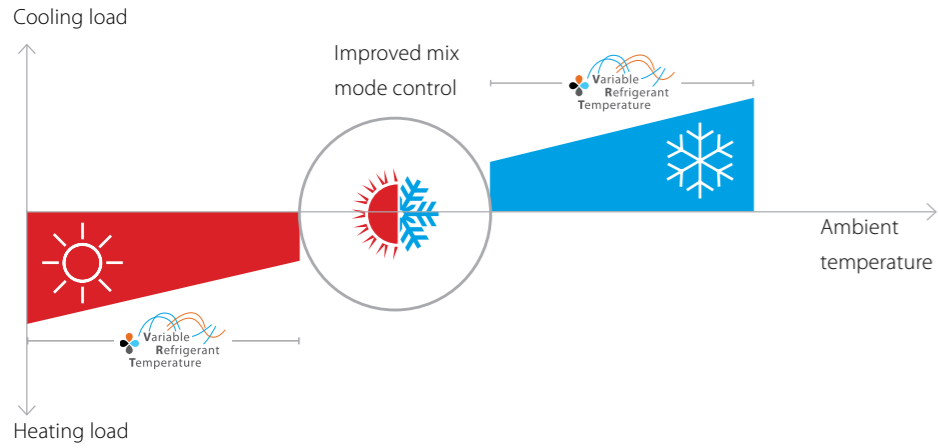
ECPEN15-230 03/15



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REYQ-T



Outdoor system		REYQ	8T	10T	12T	14T	16T	18T	20T	
Capacity range		HP	8	10	12	14	16	18	20	
Cooling capacity	Nom.	KW	22.4 (1) / 22.4 (2)	28.0 (1) / 28.0 (2)	33.5 (1) / 33.5 (2)	40.0 (1) / 40.0 (2)	45.0 (1) / 45.0 (2)	50.4 (1)	56.0 (1)	
	Nom.	KW	22.4 (3) / 22.40 (4)	28.0 (3) / 28.00 (4)	33.5 (3) / 33.5 (4)	40.0 (3) / 40.00 (4)	45.0 (3) / 45.00 (4)	50.4 (3)	56.0 (3)	
Heating capacity	Max.	KW	25.0 (3)	31.5 (3)	37.5 (3)	45.0 (3)	50.0 (3)	56.5 (3)	63.0 (3)	
		KW	25.0 (3)	31.5 (3)	37.5 (3)	45.0 (3)	50.0 (3)	56.5 (3)	63.0 (3)	
Power input - 50Hz	Cooling	Nom.	KW	5.31 (1) / 4.56 (2)	7.15 (1) / 6.19 (2)	9.23 (1) / 8.31 (2)	10.7 (1) / 9.61 (2)	12.8 (1) / 11.9 (2)	15.2	18.6
		Nom.	KW	4.75 (3) / 4.47 (4)	6.29 (3) / 5.47 (4)	8.05 (3) / 6.83 (4)	9.60 (3) / 9.37 (4)	11.2 (3) / 9.88 (4)	12.3	14.9
	Heating	Max.	KW	5.51 (3)	7.38 (3)	9.43 (3)	11.3 (3)	12.9 (3)	14.3	17.5
EER			4.22 (1) / 4.92 (2)	3.92 (1) / 4.52 (2)	3.63 (1) / 4.03 (2)	3.74 (1) / 4.16 (2)	3.52 (1) / 3.79 (2)	3.32	3.01	
ESEER - Automatic			7.41	7.37	6.84	7.05	6.63	6.26	5.68	
ESEER - Standard			6.25	5.78	5.36	5.45	5.14	4.84	4.39	
COP - Max.			4.54 (3)	4.27 (3)	3.98 (3)	4.17 (3) / 4.27 (4)	3.88 (3)	3.95	3.60	
COP - Nom.			4.72 (3) / 5.01 (4)	4.45 (3) / 5.12 (4)	4.16 (3) / 4.90 (4)	4.17 (3) / 4.27 (4)	4.02 (3) / 4.56 (4)	4.10	3.76	
Maximum number of connectable indoor units			64							
Indoor index connection	Min./Nom./Max.		100/200/260	125/250/325	150/300/390	175/350/455	200/400/520	225/450/585	250/500/650	
Dimensions	Unit	HeightxWidthxDepth	mm		1,685x930x765					
Weight	Unit		kg	210	218	304	305	337		
Fan	Air flow rate	Cooling	Nom.	m³/min		162	175	185	223	261
				Sound power level	Nom.	dB(A)	78	79	81	86
Sound pressure level	Cooling	Nom.	dB(A)		58		61	64	65	66
			Operation range	Cooling	Min.~Max.	°CDB		-5.0~43.0		
Heating	Min.~Max.	°CWB				-20~15.5				
		Refrigerant	Type/ GWP	R-410A/ 2,087.5						
Charge	kg/ TCO ₂ eq			9.7/ 20.2	9.8/ 20.5	9.9/ 20.7		11.8/ 24.6		
	Piping connections	Liquid	OD	mm		9.52		12.7		15.9
Gas				OD	mm		19.1	22.2	28.6	
		Discharge gas	OD		mm		15.9	19.1		22.2
Total piping length				System	Actual	m		1,000		
Power supply	Phase/Frequency/Voltage	3N~/50/380-415								
Current - 50Hz	Maximum fuse amps (MFA)	A	20	25		32		40		50

Outdoor system		REYQ	10T	13T	16T	18T	20T	22T	24T	26T	28T	30T	32T	
System	Outdoor unit module 1		REMQ5T		REYQ8T		REYQ10T		REYQ8T		REYQ12T		REYQ16T	
	Outdoor unit module 2		REMQ5T	REYQ8T	REYQ10T	REYQ12T	REYQ16T	REYQ14T	REYQ16T	REYQ18T	REYQ18T	REYQ16T		
Capacity range		HP	10	13	16	18	20	22	24	26	28	30	32	
Cooling capacity	Nom.	KW	28.0	36.4	44.8	50.4	55.9	61.5	67.4	73.5	78.5	83.9	90.0	
	Nom.	KW	28.0	36.4	44.8	50.4	55.9	61.5	67.4	73.5	78.5	83.9	90.0	
Heating capacity	Max.	KW	32.0	41.0	50.0	56.5	62.5	69.0	75.0	82.5	87.5	94.0	100.0	
		KW	32.0	41.0	50.0	56.5	62.5	69.0	75.0	82.5	87.5	94.0	100.0	
Power input - 50Hz	Cooling	Nom.	KW	6.34	8.48	10.62	12.46	14.54	16.38	18.11	19.93	22.03	24.43	25.6
		Nom.	KW	5.42	7.46	9.50	11.04	12.80	14.34	15.95	17.65	19.25	20.35	22.4
	Heating	Max.	KW	6.50	8.76	11.02	12.89	14.94	16.81	18.41	20.73	22.33	23.73	25.8
EER			4.42	4.29	4.22	4.04	3.84	3.75	3.72	3.69	3.56	3.43	3.52	
ESEER - Automatic			7.77	7.54	7.41	7.38	7.06	7.07	6.87	6.95	6.72	6.48	6.63	
ESEER - Standard			6.55	6.36	6.25	5.98	5.68	5.54	5.46	5.41	5.23	5.03	5.14	
COP - Max.			4.92	4.68	4.54	4.38	4.18	4.10	4.07	3.98	3.92	3.96	3.88	
COP - Nom.			5.17	4.88	4.72	4.57	4.37	4.29	4.23	4.16	4.08	4.12	4.02	
Maximum number of connectable indoor units			64											
Indoor index connection	Min./Nom./Max.		125/250/325	162.5/325.0/422.5	200/400/520	225/450/585	250/500/650	275/550/715	300/600/780	325/650/845	350/700/910	375/750/975	400/800/1,040	
Piping connections	Liquid	OD	mm		9.52		12.7		15.9		19.1			
			Gas	OD	mm		22.2		28.6		34.9			
	Discharge gas	OD			mm		19.1		22.2		28.6			
			Total piping length		System	Actual	m		1,000					
Current - 50Hz	Maximum fuse amps (MFA)	A	40			50		63		80				
Continuous heating			v											

Outdoor system		REYQ	34T	36T	38T	40T	42T	44T	46T	48T	50T	52T	54T	
System	Outdoor unit module 1		REYQ16T	REYQ8T	REYQ10T	REYQ12T	REYQ14T	REYQ16T		REYQ18T				
	Outdoor unit module 2		REYQ18T	REYQ20T	REYQ12T		REYQ16T		REYQ18T					
	Outdoor unit module 3		-		REYQ18T		REYQ16T		REYQ18T					
Capacity range		HP	34	36	38	40	42	44	46	48	50	52	54	
Cooling capacity	Nom.	KW	95.4	101.0	106.3	111.9	118.0	123.5	130.0	135.0	140.4	145.8	151.2	
	Nom.	KW	95.4	101.0	106.3	111.9	118.0	123.5	130.0	135.0	140.4	145.8	151.2	
Heating capacity	Max.	KW	106.5	113.0	119.0	125.5	131.5	137.5	145.0	150.0	156.5	163.0	169.5	
		KW	106.5	113.0	119.0	125.5	131.5	137.5	145.0	150.0	156.5	163.0	169.5	
Power input - 50Hz	Cooling	Nom.	KW	28.0	31.4	29.74	31.58	32.75	34.83	36.3	38.4	40.8	43.2	45.6
		Nom.	KW	23.5	26.1	25.10	26.64	28.69	30.45	32.00	33.6	34.7	35.8	36.9
	Heating	Max.	KW	27.2	30.4	29.24	31.11	33.18	35.23	37.1	38.7	40.1	41.5	42.9
EER			3.41	3.22	3.57	3.54	3.60	3.55	3.58	3.52	3.44	3.38	3.32	
ESEER - Automatic			6.43	6.06	6.66	6.68	6.79	6.68	6.75	6.63	6.49	6.37	6.26	
ESEER - Standard			4.97	4.70	5.25	5.20	5.28	5.20	5.23	5.14	5.03	4.93	4.84	
COP - Max.			3.92	3.72	4.07	4.03	3.96	3.90	3.91	3.88	3.90	3.93	3.95	
COP - Nom.			4.06	3.87	4.24	4.20	4.11	4.06	4.02	4.05	4.07	4.10		
Maximum number of connectable indoor units			64											
Indoor index connection	Min./Nom./Max.		425/850/1,105	450/900/1,170	475/950/1,235	500/1,000/1,300	525/1,050/1,365	550/1,100/1,430	575/1,150/1,495	600/1,200/1,560	625/1,250/1,625	650/1,300/1,690	675/1,350/1,755	
Piping connections	Liquid	OD	mm		19.1									
			Gas	OD	mm		34.9		41.3					
	Discharge gas	OD			mm		28.6		34.9					
			Total piping length		System	Actual	m		1,000					
Current - 50Hz	Maximum fuse amps (MFA)	A	80			100			125					
Continuous heating			v											

Outdoor unit module		REMQ	5T		
Dimensions	Unit	Height/Width/Depth	mm	1,685/930/765	
Weight	Unit		kg	210	
Fan	Air flow rate	Cooling	Nom.	m³/min	162
Sound power level	Cooling	Nom.	dB(A)		77
			Sound pressure level	Nom.	dB(A)
Operation range	Cooling	Min.~Max.	°CDB		-5.0~43.0
			Heating	Min.~Max.	°CWB
Refrigerant	Type/ GWP	R-410A/ 2,087.5			
		Charge	kg/TCO ₂ eq		9.7/ 20.2
Power supply	Phase/Frequency/Voltage		3N~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)	A	20		

(1) Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. Data for standard efficiency series (2) Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. Data for high efficiency series, Eurovent certified (3) Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. Data for standard efficiency series (4) Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. Data for high efficiency series, Eurovent certified (5) Actual number of connectable indoor units depends on the indoor unit type (VRV indoor, Hydrobox, RA indoor, etc.) and the connection ratio restriction for the system (50% ≤ CR ≤ 130%) | Contains fluorinated greenhouse gases