

				EWYQ005ADVP	EWYQ006ADVP	EWYQ007ADVP	
Sound pressure level	Heating		Nom.	dBa	50 (5)	50 (5)	50 (5)
	Cooling		Nom.	dBa	50 (5)	50 (5)	50 (5)
Hydraulic components	Anti freeze heater (optional)			W	75	75	75
	Expansion vessel		Volume	l	6	6	6
			Pre pressure	bar	1	1	1
	Safety valve			bar	3	3	3
	Water filter		Diameter	inch	1"	1"	1"
	Unit water volume			l	5.50 (4)	5.50 (4)	5.50 (4)
Operation range	Air side	Cooling	Min.	°CDB	10	10	10
			Max.	°CDB	43	43	43
		Heating	Max.	°CDB	25	25	25
			Min.	°CDB	-15	-15	-15
	Water side	Heating	Min.	°CDB	30	30	30
			Max.	°CDB	50	50	50
		Cooling	Max.	°CDB	20	20	20
			Min.	°CDB	5.00	5.00	5.00
Refrigerant charge	Per circuit			kg	1.70	1.70	1.70
	Per circuit			TCO2Eq	3.55	3.55	3.55
Compressor	Output			W	1,920	1,920	1,920
	Quantity				1	1	1
	Starting method				Inverter driven	Inverter driven	Inverter driven
	Compressor--Type				Hermetically sealed swing compressor	Hermetically sealed swing compressor	Hermetically sealed swing compressor
	Model				2YC63BXD#C	2YC63BXD#C	2YC63BXD#C
Space heating general	Air to water unit		Rated airflow (outdoor)	m³/h	2,820	2,820	2,820
	Other		Psb (Standby mode)	kW	0.011	0.011	0.011
			Poff (Off mode)	kW	0.011	0.011	0.011
			Pto (Thermostat off)	kW	0.054	0.054	0.054
			Pck (Crankcase heater mode)	kW	0.032	0.032	0.032
				Capacity control	Inverter	Inverter	Inverter
				Space heating general--Other--Cdh degradation heating	1.00	1.00	1.00
	Integrated supplementary heater		Psup	kW	0.00	0.00	0.00
			NOx emission	mg/kWh	0.00	0.00	0.00

		Type of energy input	Electrical	Electrical	Electrical
Weight	Packed unit	kg	108	108	108
	Operation weight	kg	104	104	104
	Unit	kg	100	100	100
Air heat exchanger	Stages	Quantity	32	32	32
	Fin pitch	mm	1,8	1,8	1,8
	Rows	Quantity	2	2	2
	Type		Tube type	Tube type	Tube type
Refrigerant oil	Charged volume	l	0.750	0.750	0.750
	Type		FVC50K	FVC50K	FVC50K
General	Supplier/Manufacturer details	Name and address	Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium	Daikin Europe N.V. - Zandvoordestraat 300, 8400 Oostende, Belgium
		Name or trademark	Daikin Europe N.V.	Daikin Europe N.V.	Daikin Europe N.V.
	Product description	General==Product description==Low temperature heat pump	Yes	Yes	Yes
		Supplementary heater integrated	Yes	Yes	Yes
		General==Product description==Air to water heat pump	Yes	Yes	Yes
		General==Product description==Water to water heat pump	no	no	no
		General==Product description==Brine to water heat pump	no	no	no
		Heat pump combination heater	no	no	no
Pump Standard	Power input	W	130	130	130
	Nominal ESP unit	Cooling	kPa	51.8	49.3
		Heating	kPa	48.9	46.4
	Quantity		1	1	1
	Type		Water cooled	Water cooled	Water cooled
	Model		YONOS PARA GT25/7.5 RKC130	YONOS PARA GT25/7.5 RKC130	YONOS PARA GT25/7.5 RKC130
LW(A) Sound power level (according to EN14825)	dB(A)		62.0	62.0	63.0
Refrigerant	Circuits	Quantity	1.00	1.00	1.00
	Refrigerant==Refrigerant control		Inverter	Inverter	Inverter
	Refrigerant==Refrigerant type		R-410A	R-410A	R-410A
	Refrigerant==Refrigerant gwp		2,087.5	2,087.5	2,087.5
Fan motor	Output	W	53	53	53
Cooling capacity	Nom.	kW	5.28 (1)	6.08 (1)	7.18 (1)
	Min.	kW	4.09 (1)	4.09 (1)	4.09 (1)
	Max.	kW	5.28 (1)	6.08 (1)	7.18 (1)
Piping connections	Water heat exchanger drain		5/16 SAE flare	5/16 SAE flare	5/16 SAE flare

Water heat exchanger	Minimum water volume in the system			l	10	10	10
	Model			Quantity	1	1	1
				Type	ACH30-48	ACH30-48	ACH30-48
Filter		Diameter perforations		mm	1.00	1.00	1.00
				Type	Brass Y-strainer	Brass Y-strainer	Brass Y-strainer
Water flow rate	Heating	Nom.		l/min	17.5	19.5	23.5
				Min.	l/min	12	12
Insulation material					Polyethylene foam	Polyethylene foam	Polyethylene foam
Type					Brazed plate	Brazed plate	Brazed plate
Power input	Cooling		Nom.	kW	1.94 (1)	2.40 (1)	3.00 (1)
	Heating		Nom.	kW	1.65 (2), 2.02 (3)	1.89 (2), 2.29 (3)	2.41 (2), 2.88 (3)
Sound power level	Cooling		Nom.	dB(A)	62.0	62.0	63.0
Safety devices	Item			01	Fan motor thermal protection	Fan motor thermal protection	Fan motor thermal protection
				02	Fuse	Fuse	Fuse
				03	Safety valve	Safety valve	Safety valve
				04	Flowswitch	Flowswitch	Flowswitch
Dimensions	Packed unit		Width	mm	1,265	1,265	1,265
			Height	mm	915	915	915
			Depth	mm	442	442	442
Unit			Width	mm	1,190	1,190	1,190
			Depth	mm	360	360	360
			Height	mm	805	805	805
Capacity control	Method				Inverter controlled	Inverter controlled	Inverter controlled
Casing	Colour				Ivory white	Ivory white	Ivory white
	Material				Polyester painted galvanised steel plate	Polyester painted galvanised steel plate	Polyester painted galvanised steel plate
Space heating	Average climate water outlet 35°C	A Condition (-7°CDB/-8°CWB)	PERd	%	92.8	91.2	88.4
			Pdh	kW	4.50	5.20	6.00
				Space heating-- Average climate water outlet 35°C-- =A Condition (-7°CDB/-8°CWB)-- =Cpd	2.32	2.28	2.21
		C Condition (7°CDB/6°CWB)	Pdh	kW	2.20	2.30	2.90
			PERd	%	178	183	190
				Space heating-- Average climate water outlet 35°C-- =C Condition (7°CDB/6°CWB)-- =Cpd	4.44	4.58	4.74
				Space heating-- Average climate water outlet 35°C-- =C Condition (7°CDB/6°CWB)-- =Cdh degradation heating	1.00	1.00	1.00
		D Condition	Pdh	kW	2.60	2.60	2.60

		(12°CDB/11°CWB)					
			PERd	%	244	250	262
				Space heating-- Average climate water outlet 35°C- --D Condition (12°CDB/11°CWB)- --Copd	6.11	6.24	6.55
				Space heating-- Average climate water outlet 35°C- --D Condition (12°CDB/11°CWB)- --Cdh degradation heating	1.00	1.00	1.00
		Rated heat output supplementary capacity	Psup (at Tdesign -10°C)	kW	2.10	2.10	2.80
		General	Annual energy consumption	kWh	3,710	4,120	4,950
			Annual energy consumption (GCV)	Gj	13.3	14.8	17.8
			ηs (Seasonal space heating efficiency)	%	133	133	134
			Prated at -10°C	kW	6.10	6.80	8.20
				Space heating-- Average climate water outlet 35°C- --General-- Seasonal space heating eff class	A+	A+	A+
				Space heating-- Average climate water outlet 35°C- --General--Scop	3.39	3.40	3.41
		B Condition (2°CDB/1°CWB)	Pdh	kW	3.40	3.60	4.40
			PERd	%	134	132	131
				Space heating-- Average climate water outlet 35°C- --B Condition (2°CDB/1°CWB)- --Copd	3.36	3.29	3.28
				Space heating-- Average climate water outlet 35°C- --B Condition (2°CDB/1°CWB)- --Cdh degradation heating	1.00	1.00	1.00
		Tbiv (bivalent temperature)	Pdh	kW	4.80	5.50	6.40
			PERd	%	98.8	97.6	94.0
			Tbiv	°C	-5.00	-5.00	-5.00
				Space heating-- Average climate water outlet 35°C- --Tbiv (bivalent temperature)- --Copd	2.47	2.44	2.35
		Tol (temperature operating limit)	PERd	%	84.0	83.6	81.2
			WTOL	°C	35.0	35.0	35.0
			Pdh	kW	4.00	4.70	5.50

			TOL	°C	-10.0	-10.0	-10.0
				Space heating-- Average climate water outlet 35°C-- --Tol (temperature operating limit)-- Coppd	2.10	2.09	2.03
	Cold climate water outlet 35°C	General	Space heating-- Cold climate water outlet 35°C-- General-- Qhe Annual energy consumption (GCV)--Gj	Gj	17.5	21.5	24.6
			Annual energy consumption	kWh	4,850	5,980	6,850
			η_s (Seasonal space heating efficiency)	%	113	109	108
			Prated at -22°C	kW	5.70	6.80	7.70
	Warm climate water outlet 35°C	General	Prated at 2°C	kW	6.20	7.40	8.00
			η_s (Seasonal space heating efficiency)	%	177	173	173
			Annual energy consumption	kWh	1,770	2,190	2,370
			Annual energy consumption (GCV)	Gj	6.37	7.89	8.52
Fan	Quantity				1	1	1
	Type				Propeller fan	Propeller fan	Propeller fan
	Discharge direction				Horizontal	Horizontal	Horizontal
Heating capacity	Nom.			kW	6.02 (2), 5.57 (3)	6.72 (2), 6.27 (3)	8.18 (2), 7.67 (3)
	Min.			kW	4.42 (2), 4.01 (3)	4.42 (2), 4.01 (3)	4.42 (2), 4.01 (3)
	Max.			kW	7.19 (2), 6.75 (3)	8.50 (2), 8.05 (3)	9.10 (2), 8.65 (3)
Water circuit	Piping connections diameter			inch	1" MBSP	1" MBSP	1" MBSP
Template					Chillers air cooled	Chillers air cooled	Chillers air cooled
Sound condition ecodesign and energy label					Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825	Sound power in heating mode, measured according to the EN12102 under conditions of the EN14825
Cop					3.65 (2), 2.76 (3)	3.58 (2), 2.74 (3)	3.39 (2), 2.66 (3)
Eer					2.72 (1)	2.53 (1)	2.39 (1)
Fans	Voltage			V	230	230	230
	Quantity				1	1	1
	Phase				1~	1~	1~
Power supply	Voltage range		Max.	%	10	10	10
			Min.	%	-10	-10	-10

	Frequency		Hz	50	50	50
	Voltage		V	230	230	230
	Phase			1~	1~	1~
Unit	Starting current	Nom.	A	11.0	11.0	11.0
	Running current	Max	A	19.0	19.0	19.0
	Unit--Minimum ssc value			Equipment complying with EN/IEC 61000-3-12	Equipment complying with EN/IEC 61000-3-12	Equipment complying with EN/IEC 61000-3-12
	Unit--Recommended fuses according to iec standard 269 2			20	20	20
Evaporator heater tape	Capacity		W	75	75	75
	Voltage range	Min.	%	-10	-10	-10
		Max.	%	10	10	10
	Supply voltage		V	230	230	230
	Recommended fuses			25A	25A	25A
Pump Standard	Power input		kW	0.130	0.130	0.130
	Speed	Max.	rpm	2,450	2,450	2,450
		Min.	rpm	1,050	1,050	1,050
		Nom.	rpm	2,250	2,250	2,250
	Voltage		V	230	230	230
	Maximum running current		A	0.580	0.580	0.580
	Pump Standard--Pump standard phase			1~	1~	1~
Notes				Tamb 35°C - LWE 7°C (DT=5°C)	Tamb 35°C - LWE 7°C (DT=5°C)	Tamb 35°C - LWE 7°C (DT=5°C)
				DB/WB 7°C/6°C - LWC 35°C (DT=5°C)	DB/WB 7°C/6°C - LWC 35°C (DT=5°C)	DB/WB 7°C/6°C - LWC 35°C (DT=5°C)
				DB/WB 7°C/6°C - LWC 45°C (Dt=5°C)	DB/WB 7°C/6°C - LWC 45°C (Dt=5°C)	DB/WB 7°C/6°C - LWC 45°C (Dt=5°C)
				Including piping + PHE; excluding expansion vessel	Including piping + PHE; excluding expansion vessel	Including piping + PHE; excluding expansion vessel
				The sound pressure level is measured via a microphone at a certain distance from the unit. It is a relative value depending on the distance and acoustic environment. Refer to sound spectrum drawing for more information.	The sound pressure level is measured via a microphone at a certain distance from the unit. It is a relative value depending on the distance and acoustic environment. Refer to sound spectrum drawing for more information.	The sound pressure level is measured via a microphone at a certain distance from the unit. It is a relative value depending on the distance and acoustic environment. Refer to sound spectrum drawing for more information.
				Contains fluorinated greenhouse gases	Contains fluorinated greenhouse gases	Contains fluorinated greenhouse gases