

				EWAQ005ADVP	EWAQ006ADVP	EWAQ007ADVP
Sound pressure level	Cooling	Nom.	dB(A)	48	48	50
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	5.5 (5)	5.5 (5)	5.5 (5)
Operation range	Air side	Cooling	Min.	°CDB	10	10
			Max.	°CDB	43	43
	Water side	Cooling	Max.	°CDB	20	20
			Min.	°CDB	5	5
Refrigerant charge	Per circuit		kg	1.7	1.7	1.7
	Per circuit		TCO2Eq	3.5	3.5	3.5
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
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	0.75	0.75	0.75
	Type			FVC50K	FVC50K	FVC50K
Pump Standard	Power input		W	130	130	130
	Nominal ESP unit	Cooling	kPa	49.4	45.1	38.3

	Quantity			1	1	1
	Type			Water cooled	Water cooled	Water cooled
	Model			RS 25/7 3 PL 130 12	RS 25/7 3 PL 130 12	RS 25/7 3 PL 130 12
Refrigerant	Circuits		Quantity	1	1	1
	Refrigerant==Gwp			2,087.5	2,087.5	2,087.5
	Type			R-410A	R-410A	R-410A
	Control			Inverter	Inverter	Inverter
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	1
			Type	Brass Y-strainer	Brass Y-strainer	Brass Y-strainer
	Water flow rate	Cooling	Nom.	l/min	14.9	17.2
			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)
Sound power level	Cooling	Nom.	dBA	62	62	63
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	Method			Inverter	Inverter	Inverter

control				controlled	controlled	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
Fan	Quantity			1	1	1
	Type			Propeller fan	Propeller fan	Propeller fan
	Discharge direction			Horizontal	Horizontal	Horizontal
Water circuit	Piping connections diameter	inch	1" MBSP	1" MBSP	1" MBSP	
Template				Chillers air cooled	Chillers air cooled	Chillers air cooled
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	11	11
	Running current	Max	A	17.3	17.3	17.3
	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			20A	20A	20A
Pump Standard	Power input		kW	0.13	0.13	0.13
	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	0.58	0.58	0.58
	Pump Standard==Pump standard phase			1~	1~	1~
	Pump Standard==Pump standard type			Water cooled	Water cooled	Water cooled

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)
	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.
	Including piping + PHE; excluding expansion vessel	Including piping + PHE; excluding expansion vessel	Including piping + PHE; excluding expansion vessel
	PED: assembly = category I : excluded from scope of PED due to article 1, item 3.6 of 97/23/EC	PED: assembly = category I : excluded from scope of PED due to article 1, item 3.6 of 97/23/EC	PED: assembly = category I : excluded from scope of PED due to article 1, item 3.6 of 97/23/EC
	Equipment contains fluorinated greenhouse gases. Actual refrigerant charge depends on the final unit construction, details can be found on the unit labels.	Equipment contains fluorinated greenhouse gases. Actual refrigerant charge depends on the final unit construction, details can be found on the unit labels.	Equipment contains fluorinated greenhouse gases. Actual refrigerant charge depends on the final unit construction, details can be found on the unit labels.