

Aquami All in Split heat pump

AQS40X10^[R14] / AQS100T240X13i^[R14]



Device features

1

Efficient

heating

Smart Grid

functionality

* ↓ 30m

Maximum



Environmentally friendly refrigerant R32



Energy

meter



Compact indoor split unit housing



Multilanguage menu



Integrated DHW tank



Integrated temperature modes (climate curve)



Tank of stainless steel

 Δ_{a}^{μ}

 Δ_{c}^{s}

Energy efficiency

class at 35°C

A+++

Twin rotary

compressor

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Silent

mode

Weather operating

Built-in switching

valve

Energy efficiency class at 55°C A++



Integrated electric heater

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COP

5,20

Maximum

COP 5,20





Built-in Wi-Fi module



2 heating control zones



Dedicated

application







water temperature of 60°C (in DHW mode)

DHW circulation pump operation



Operating range down to -25°C Ċ



Compressor

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Configurable

WIE

-25°C

drip tray





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Integrated USB

port for updates

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Menu

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crankcase heater



Vacation





in English

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Notes: DHW – Domestic hot water, LWT – Leaving water temperature The sound pressure level is measured 1m in front of the unit and (1+H)/2m (where H is the height of the unit) above the floor in semi-anechoic room. During on-site operation sound pressure levels can be higher as a result of ambient noise. Sound pressure level and sound power level reflect the maximum value tested under three conditions specified respectively in notes A7W35, ΔT=5; A7W45, ΔT=5; A7W55, ΔT=8; relative humidit 8%. The figures specified above refer to the following standards: EN14511; EN14825; EN50564; EN12102; (EU) Np, 811/2013; (EU) No, 813/2013; Journal of Laws 2014 / C 207/02: 2014.



▲ 65°C

M

Supply water

temperature

of 65°C











Disinfection

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weekly schedules

COTENSσ[®]

Specification indoor unit

Model				AQ\$100T240X13i R14
EAN code				5905567602153
Operation modes				Heating and cooling
	Surface cooling	Surface cooling		5-25
Leaving water temperature	Surface heating		°C	25-65
temperature	DHW (tank)		°C	30~60
Power supply			V-Hz, Ø	220-240-50, 1f / 380-420-50, 3f
Rated input / Operatir	ng current		W/A	9095 / 13,5
Sound power level			dB(A)	38
	Power supply		V-Hz, Ø	220-240-50, 1f / 380-420-50, 3f
Electric heater	Number of heating sta	ges / Power	pcs. / kW	3 / 9 (3+3+3)
	Maximum operating cu	urrent	A	13,3
Net dimensions		(W×D×H)	mm	600×600×1943
Gross dimensions		(W×D×H)	mm	653×653×2160
Net weight / Gross we	ight		kg	156/171
	Water connections		inch	R1* external
	Pressure relief valve	Pressure relief valve		0,3
	Condensate drain		mm	Φ25
	Expansion tank	Total volume / Actual volume	I	8 / 4,8
	Expansion tank	Maximum pressure / Initial pressure	MPa	0,3 / 0,1
	PHE / plate heat	Туре		PHE / plate heat exchanger
	exchanger	Minimum flow	l/min	6
Water circuit	Water pump head	Water pump head		9
	Water pump head	Water pump head		DC
		Tank material		Stainless steel 316L
		Housing material/colour		Polyurethane foam, steel / white
		Tank capacity	I.	240
	DHW tank	Maximum water temperature (disinfection mode)	°C	70
		Insulation thickness	mm	45
		Maximum pressure	bar	10
Refrigerant circuit	Liquid / Gas		mm	Φ9.52 (3/8°) / Φ15,9 (5/8°)
Minimal wire pcs and	dimension of cords*		pcs × mm ²	5×2,5
Control cables: indoor	r unit to outdoor unit		pcs × mm ²	2×0.75 (shielded cable)

Specification outdoor unit

Model			AQ\$40X10 R14
EAN Code			5905567601071
Power supply			220-240-50. 1f
· • • • • • • • • • • • • • • • • • • •	Capacity	kW	4,25
Heating	Rated input	kW	0,82
(A7/W35)	COP		5,20
	Capacity	kW	4,35
Heating	Rated input	kW	
(A7/W45)	COP	KVV	3,80
	Capacity	kW	3,00 4,40
Heating	Rated input	kW	4,40
(A7/W55)	COP	KVV	
		1147	2,95
Cooling	Capacity	kW	4,50
(A35/W18)	Rated input	kW	0,81
	EER		5,55
Cooling	Capacity	kW	4,70
(A35/W7)	Rated input	kW	1,36
	EER		3,45
	SCOP (1)		4,85
Seasonal energy	Rated heat output	kW	5,5
efficiency	Seasonal energy efficiency ratio (ηS)	96	191
LWT 35°C	Annual energy consumption	kWh	2351
	Seasonal space heating energy efficiency class ⁽¹⁾		A+++
	SCOP (1)		3,31
Seasonal energy	Rated heat output	kW	4,4
efficiency	Seasonal energy efficiency ratio (ηS)	96	129,5
LWT 55°C	Annual energy consumption	kWh	2742
	Seasonal space heating energy efficiency class (1)		A++
	LWT at 7°C		4,99
SEER	LWT at 8°C		7,77
Minimum rated curr	rent of the overcurrent circuit breaker with breaker type	A	816
Compressor	Туре		Twin rotary inverter compressor DC
	Туре		Brushless DC mator / BLDC
Fan	Quantity		1
	Type/ GWP		R32/675
Refrigerant		kg	15
	Charged (<15m)	TCO2eq	1.02
	Liquid / Gas	mm	Φ6,35 (1/4") / Φ15,9 (5/8")
	Minimum installation length	m	2
Pipe connections	Maximum installation length	m	30
	Additional amount of refrigerant for over 15 linear meters	g/m	20
	Outdoor unit above the indoor unit	m	20
Maximum height difference	Outdoor unit above the indoor unit Outdoor unit below the indoor unit	m	20
Minimal wire pcs and dimension of cords*		pcs × mm ²	3×2,5
Control cables: indoor unit to outdoor unit		pcs × mm ²	2 × 0,75 (shielded cable)
Bracket spacing		(W×D)	663×375
Sound pressure level		dB(A)	44
Sound power level			56
Net dimensions	(W×D×H)	mm	1008×426×712
Gross dimensions	(W×D×H)	mm	1065×485×800
	et weight/Gross weight		58/63,5
	1	kg	
Net weight/Gross we	Cooling	°C	-5~43
	1		-5-43 -25-35 -25-43

1. Seasonal energy efficiency class measured under average climate conditions

The residual current circuit breaker used to protect the electrical circuit of the appliance shall be selected in view of the electrical regulations in force, assuming that the rated residual current is not greater than Idn: 30mA *The above values apply to supply cables with a maximum length of 20mb. If this value is exceeded, an electrical designer should be consulted.



Aquami All in Split heat pump

AQS60X10^[R14] / AQS100T240X13i^[R14]



Device features

1

Efficient

heating

Smart Grid

functionality

* ↓ 30m

Maximum



Environmentally friendly refrigerant R32



Energy

meter



Compact indoor split unit housing



Multilanguage menu



Integrated DHW tank

installation length up to 30m

Integrated

316L

Tank of stainless

steel



Built-in switching

valve



 Δ_{c}^{s}

Energy efficiency

class at 35°C

A+++

Twin rotary

compressor

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Silent

mode

Built-in Wi-Fi module

 Δ_{a}^{μ}

Energy efficiency

class at 55°C

A++

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Integrated electric

heater

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2 heating control zones

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COP

5,00

Maximum

COP 5,00

Compressor crankcase heater

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WHE

-25°C

Operating range

down to -25°C

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water temperature of 60°C (in DHW mode)



Notes: DHW – Domestic hot water, LWT – Leaving water temperature The sound pressure level is measured 1m in front of the unit and (1+H)/2m (where H is the height of the unit) above the floor in semi-anechoic room. During on-site operation sound pressure levels can be higher as a result of ambient noise. Sound pressure level and sound power level reflect the maximum value tested under three conditions specified respectively in notes A7W35, ΔT=5; A7W45, ΔT=5; A7W55, ΔT=8; relative humidit 8%. The figures specified above refer to the following standards: EN14511; EN14825; EN50564; EN12102; (EU) Np, 811/2013; (EU) No, 813/2013; Journal of Laws 2014 / C 207/02: 2014.

▲ 65°C

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Supply water

temperature

of 65°C

Indoor unit

drip tray

AV

Vacation

Integrated USB port for updates

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Easy installation and maintenance



Menu in English

Maximum leaving





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Daily operation schedule

Dedicated

application

Configurable weekly schedules

Disinfection

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mode



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schedules





COTENSσ[®]

Specification indoor unit

Model				AQ\$100T240X13i R14
EAN code				5905567602153
Operation modes				Heating and cooling
	Surface cooling	Surface cooling		5~25
Leaving water temperature	Surface heating		°C	25-65
temperature	DHW (tank)		°C	30-60
Power supply			V-Hz, Ø	220-240-50, 1f / 380-420-50, 3f
Rated input / Operatin	g current		W/A	9095 / 13,5
Sound power level			dB(A)	38
	Power supply		V-Hz, Ø	220-240-50, 1f / 380-420-50, 3f
Electric heater	Number of heating sta	iges / Power	pcs. / kW	3 / 9 (3+3+3)
	Maximum operating cu	urrent	A	13,3
Net dimensions		(W×D×H)	mm	600×600×1943
Gross dimensions		(W×D×H)	mm	653×653×2160
Net weight / Gross wei	ght		kg	156/171
	Water connections		inch	R1" external
	Pressure relief valve	Pressure relief valve		0,3
	Condensate drain		mm	Φ25
	Expansion tank	Total volume / Actual volume	I	8/4,8
	скранзіонталік	Maximum pressure / Initial pressure	MPa	0,3 / 0,1
	PHE / plate heat	Туре		PHE / plate heat exchanger
	exchanger	Minimum flow	l/min	6
Water circuit	Water pump head	Vater pump head		9
	Water pump head			DC
		Tank material		Stainless steel 316L
		Housing material/colour		Polyurethane foam, steel / white
		Tank capacity	I.	240
	DHW tank	Maximum water temperature (disinfection mode)	°C	70
		Insulation thickness	mm	45
		Maximum pressure	bar	10
Refrigerant circuit	Liquid / Gas		mm	Φ9,52 (3/8°) / Φ15,9 (5/8°)
Minimal wire pcs and o	dimension of cords*		pcs × mm ²	5×2,5
Control cables: indoor	Control cables: indoor unit to outdoor unit			2×0.75 (shielded cable)

Specification outdoor unit

Model			AQ\$60X10 R14	
EAN Code		5905567602054		
Power supply			220-240-50, 1f	
	Capacity	kW	6,20	
Heating	Rated input	kW	1,24	
(A7/W35)	COP		5,00	
	Capacity	kW	6,35	
Heating	Rated input	kW	1,69	
(A7/W45)	COP		3,75	
	Capacity	kW	6,00	
Heating	Rated input	kW	2,00	
(A7/W55)	COP		3,00	
	Capacity	kW	6,55	
Cooling	Rated input	kW	1,34	
(A35/W18)	EER		4,90	
	Capacity	kW	7,00	
Cooling	Rated input	kW	2,33	
(A35/W7)	EER		3,00	
	SCOP®		4,95	
Seasonal energy	Rated heat output	kW	6,8	
efficiency	Seasonal energy efficiency ratio (ŋS)	96	195	
LWT 35°C	Annual energy consumption	kWh	2845	
	Seasonal space heating energy efficiency class ⁽¹⁾		A+++	
	SCOP ⁽¹⁾		3,52	
Seasonal energy	Rated heat output	kW	5.7	
efficiency	Seasonal energy efficiency ratio (ŋS)	96	137.9	
LWT 55°C	Annual energy consumption	kWh	3343	
	Seasonal space heating energy efficiency class (1)		A++	
	LWT at 7°C		5,34	
SEER	LWT at 8°C		8,21	
Minimum rated cur	rrent of the overcurrent circuit breaker with breaker type	A	816	
Compressor	Туре		Twin rotary inverter compressor DC	
	Туре		Brushless DC motor / BLDC	
Fan	Quantity		1	
	Type/ GWP		R32 / 675	
Refrigerant		kg	1,5	
	Charged (<15m)	TCO2eq	1,02	
	Liquid / Gas	mm	Ф6,35 (1/4 [°]) / Ф15,9 (5/8 [°])	
	Minimum installation length	m	2	
Pipe connections	Maximum installation length	m	30	
	Additional amount of refrigerant for over 15 linear meters	g/m	20	
Maximum height	Outdoor unit above the indoor unit	m	20	
difference	Outdoor unit below the indoor unit	m	20	
Minimal wire pcs an	nd dimension of cords*	pcs × mm ²	3×2,5	
Control cables: indo	oor unit to outdoor unit	pcs × mm ²	2 × 0,75 (shielded cable)	
Bracket spacing		(W×D)	663×375	
Sound pressure level		dB(A)	45	
Sound power level			58	
		mm	1008×426×712	
Net dimensions	(W×D×H)			
		mm	1065×485×800	
Net dimensions	(W×D×H)		1065×485×800 58/63,5	
Net dimensions Gross dimensions Net weight/Gross w	(W×D×H) veight Cooling	mm		
Net dimensions Gross dimensions	(W×D×H) veight Cooling	mm kg	58/63,5	

1. Seasonal energy efficiency class measured under average climate conditions

The residual current circuit breaker used to protect the electrical circuit of the appliance shall be selected in view of the electrical regulations in force, assuming that the rated residual current is not greater than Idn: 30mA *The above values apply to supply cables with a maximum length of 20mb. If this value is exceeded, an electrical designer should be consulted.



Aquami All in Split heat pump

AQS80X10^[R14] / AQS100T240X13i^[R14]



Device features



Environmentally friendly refrigerant R32



Energy meter





Compact indoor split unit housing



Multilanguage menu



Integrated DHW tank

Smart Grid functionality

tl¹

Efficient

heating



Maximum installation length up to 30m



steel

Integrated temperature modes (climate curve) sensor



Built-in switching Tank of stainless valve

 Δ_{a}^{μ}

 Δ_{c}^{tr}

Energy efficiency

class at 35°C

A+++

Twin rotary

compressor

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Silent

mode

Weather operating

Energy efficiency class at 55°C A++



Integrated electric heater



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COP

5,20

Maximum

COP 5,20





2 heating control zones









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WIE

-25°C

down to -25°C

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Compressor

crankcase heater

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Configurable

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▲ 65°C

of 65°C



Indoor unit

drip tray

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AV

Easy installation



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Integrated USB

port for updates

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EN



in English



water temperature of 60°C (in DHW mode)

DATASHEET

٩ Built-in Wi-Fi module

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tray heater



Daily operation



Disinfection



DHW circulation pump operation





schedules

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Notes: DHW – Domestic hot water, LWT – Leaving water temperature The sound pressure level is measured 1m in front of the unit and (1+H)/2m (where H is the height of the unit) above the floor in semi-anechoic room. During on-site operation sound pressure levels can be higher as a result of ambient noise. Sound pressure level and sound power level reflect the maximum value tested under three conditions specified respectively in notes A7W35, ΔT=5; A7W45, ΔT=5; A7W55, ΔT=8; relative humidit 8%. The figures specified above refer to the following standards: EN14511; EN14825; EN50564; EN12102; (EU) Np, 811/2013; (EU) No, 813/2013; Journal of Laws 2014 / C 207/02: 2014.







Maximum leaving

Dedicated application

ZOTENSO[®]

Specification indoor unit

Model				AQ\$100T240X13i R14
EAN code				5905567602153
Operation modes				Heating and cooling
	Surface cooling	Surface cooling		5~25
Leaving water temperature	Surface heating		°C	25-65
temperature	DHW (tank)		°C	30-60
Power supply			V-Hz, Ø	220-240-50, 1f / 380-420-50, 3f
Rated input / Operatin	g current		W/A	9095 / 13,5
Sound power level			dB(A)	38
	Power supply		V-Hz, Ø	220-240-50, 1f / 380-420-50, 3f
Electric heater	Number of heating sta	iges / Power	pcs. / kW	3 / 9 (3+3+3)
	Maximum operating cu	urrent	A	13,3
Net dimensions		(W×D×H)	mm	600×600×1943
Gross dimensions		(W×D×H)	mm	653×653×2160
Net weight / Gross wei	ght		kg	156/171
	Water connections		inch	R1" external
	Pressure relief valve	Pressure relief valve		0,3
	Condensate drain		mm	Φ25
	Expansion tank	Total volume / Actual volume	I	8/4,8
	скранзіонталік	Maximum pressure / Initial pressure	MPa	0,3 / 0,1
	PHE / plate heat	Туре		PHE / plate heat exchanger
	exchanger	Minimum flow	l/min	6
Water circuit	Water pump head	Vater pump head		9
	Water pump head			DC
		Tank material		Stainless steel 316L
		Housing material/colour		Polyurethane foam, steel / white
		Tank capacity	I.	240
	DHW tank	Maximum water temperature (disinfection mode)	°C	70
		Insulation thickness	mm	45
		Maximum pressure	bar	10
Refrigerant circuit	Liquid / Gas		mm	Φ9,52 (3/8°) / Φ15,9 (5/8°)
Minimal wire pcs and o	dimension of cords*		pcs × mm ²	5×2,5
Control cables: indoor	Control cables: indoor unit to outdoor unit			2×0.75 (shielded cable)

Specification outdoor unit

Model			AQ\$80X10 R14
EAN Code			5905567602061
Power supply			220-240-50.1f
Toner supply	Capacity	kW	8,30
Heating	Rated input	kW	1,60
(A7/W35)	COP		5.20
	Capacity	kW	8,20
Heating	Rated input	kW	2,08
(A7/W45)	COP		3,95
		kW	5,55
Heating	Capacity Rated input	kW	2,36
(A7/W55)	COP	KVV	
		1147	3,18
Cooling	Capacity	kW	8,40
(A35/W18)	Rated input	kW	1,66
	EER		5,05
Cooling	Capacity	kW	7,40
(A35/W7)	Rated input	kW	2,19
	EER		3,38
	SCOP ⁽¹⁾		5,21
Seasonal energy	Rated heat output	kW	8,1
efficiency	Seasonal energy efficiency ratio (ηS)	96	205,6
LWT 35°C	Annual energy consumption	kWh	3218
	Seasonal space heating energy efficiency class ⁽¹⁾		A+++
	SCOP ⁽¹⁾		3,36
Seasonal energy	Rated heat output	kW	6,6
efficiency	Seasonal energy efficiency ratio (ŋS)	96	131,6
LWT 55°C	Annual energy consumption	kWh	4054
	Seasonal space heating energy efficiency class (1)		A++
	LWT at 7°C		5,83
SEER	LWT at 8°C		8,95
Minimum rated curr	ent of the overcurrent circuit breaker with breaker type	A	
Compressor	Туре		Twin rotary inverter compressor DC
compressor	Туре		Brushless DC compton 200
Fan	Quantity		urbaniesa bic motor / dibic
	Type/ GWP		R32 / 675
Refrigerant	Type GW	ker.	1,65
Reingeranit	Charged (<15m)	kg	1,11
		TCO ₂ eq	
	Liquid / Gas	mm	Φ9,52 (3/8") / Φ15,9 (5/8")
Pipe connections	Minimum installation length	m	2
	Maximum installation length	m	30
	Additional amount of refrigerant for over 15 linear meters	g/m	38
Maximum height	Outdoor unit above the indoor unit	m	20
difference	Outdoor unit below the indoor unit	m	20
Minimal wire pcs and dimension of cords*		pcs × mm²	3×4
Control cables: indoor unit to outdoor unit		pcs × mm²	2 × 0,75 (shielded cable)
Bracket spacing		(W×D)	656×456
Sound pressure level		dB(A)	46
Sound power level			59
Net dimensions			1118×523×865
Gross dimensions	(W×D×H)	mm	1180×560×890
Net weight/Gross we		kg	75/89
	Cooling	°C	-5-43
Operating outdoor	Heating	°C	-2535
temperature	DHW	•C	-25-43
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age climate condition 1. Seasonal energy efficiency class measured under ave

The residual current circuit breaker used to protect the electrical circuit of the appliance shall be selected in view of the electrical regulations in force, assu *The above values apply to supply cables with a maximum length of 20mb. If this value is exceeded, an electrical designer should be consulted. rent is not greater than I∆n: 30mA ning that the rated residual cu



Aquami All in Split heat pump AQS100X10^[R14] / AQS100T240X13i^[R14]



Device features

tl¹

Efficient

heating

Smart Grid

functionality

* ↓ 30m

Maximum



Environmentally friendly refrigerant R32



Energy meter







Multilanguage menu



Integrated DHW tank

installation length up to 30m



Weather operating temperature modes (climate curve) sensor



Built-in switching Tank of stainless steel



 Δ_{c}^{s}

Energy efficiency

class at 35°C

A+++

Twin rotary

compressor

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Silent

mode

valve

Energy efficiency class at 55°C A++



Integrated electric heater

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COP

5,20

Maximum

COP 5,20



Built-in Wi-Fi module



2 heating control zones



Dedicated application



Disinfection







water temperature of 60°C



Operating range down to -25°C



Compressor



▲ 65°C

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Supply water

temperature

of 65°C

Easy installation and maintenance

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Integrated USB

port for updates



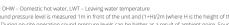
Menu

in English



DHW circulation

pump operation schedules



Notes: DHW – Domestic hot water, LWT – Leaving water temperature The sound pressure level is measured 1m in front of the unit and (1+H)/2m (where H is the height of the unit) above the floor in semi-anechoic room. During on-site operation sound pressure levels can be higher as a result of ambient noise. Sound pressure level and sound power level reflect the maximum value tested under three conditions specified respectively in notes A7W35, ΔT=5; A7W45, ΔT=5; A7W55, ΔT=8; relative humidit 8%. The figures specified above refer to the following standards: EN14511; EN14825; EN50564; EN12102; (EU) Np, 811/2013; (EU) No, 813/2013; Journal of Laws 2014 / C 207/02: 2014.

crankcase heater

Daily operation

Configurable

schedule weekly schedules



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Maximum leaving (in DHW mode)





COTENSσ[®]

Specification indoor unit

Model				AQ5100T240X13i R14
EAN code				5905567602153
Operation modes	Operation modes			Heating and cooling
	Surface cooling	Surface cooling		5-25
Leaving water temperature	Surface heating		°C	25~65
temperature	DHW (tank)		°C	30~60
Power supply			V-Hz, Ø	220-240-50, 1f / 380-420-50, 3f
Rated input / Operati	ing current		W/A	9095 / 13,5
Sound power level			dB(A)	38
	Power supply		V-Hz, Ø	220-240-50, 1f / 380-420-50, 3f
Electric heater	Number of heating sta	ages / Power	pcs. / kW	3 / 9 (3+3+3)
	Maximum operating c	urrent	A	13,3
Net dimensions		(W×D×H)	mm	600×600×1943
Gross dimensions		(W×D×H)	mm	653×653×2160
Net weight / Gross w	eight		kg	156/171
	Water connections		inch	R1" external
	Pressure relief valve	Pressure relief valve		0,3
	Condensate drain		mm	Φ25
	Expansion tank	Total volume / Actual volume	I	8 / 4,8
	Expension tenk	Maximum pressure / Initial pressure	MPa	0,3 / 0,1
	PHE / plate heat	Туре		PHE / plate heat exchanger
	exchanger	Minimum flow	l/min	6
Water circuit	Water pump head	np head		9
	Water pump head	Water pump head		DC
		Tank material		Stainless steel 316L
		Housing material/colour		Polyurethane foam, steel / white
		Tank capacity	1	240
	DHW tank	Maximum water temperature (disinfection mode)	°C	70
		Insulation thickness	mm	45
		Maximum pressure	bar	10
Refrigerant circuit	Liquid / Gas		mm	Φ9,52 (3/8") / Φ15,9 (5/8")
Minimal wire pcs and	d dimension of cords*		pcs × mm ²	5×2,5
Control cables: indoor unit to outdoor unit			pcs × mm ²	2 × 0,75 (shielded cable)

Specification outdoor unit

Model			AQ\$100X1o R14
EAN Code			5905567602078
Power supply			220-240-50, 1f
roner supply	Capacity	kW	10.00
Heating	Rated input	kW	2,00
(A7/W35)	COP	NI	5,00
	Capacity	kW	10,00
Heating	Rated input	kW	2,63
(A7/W45)	COP	RVV	2,03 3,80
		1447	
Heating	Capacity	kW	9,50
(A7/W55)	Rated input	kW	3,06
	COP		3,10
Cooling	Capacity	kW	10,00
(A35/W18)	Rated input	kW	2,08
	EER		4,80
Cooling	Capacity	kW	8,20
(A35/W7)	Rated input	kW	2,48
()	EER		3,30
	SCOP ⁽¹⁾		5,19
Seasonal energy	Rated heat output	kW	9,2
efficiency	Seasonal energy efficiency ratio (ŋS)	96	204,8
LWT 35°C	Annual energy consumption	kWh	3644
	Seasonal space heating energy efficiency class ⁽¹⁾		A+++
	SCOP®		3,49
Seasonal energy	Rated heat output	kW	7,7
efficiency	Seasonal energy efficiency ratio (ŋS)	96	135,7
LWT 55°C	Annual energy consumption	kWh	4567
	Seasonal space heating energy efficiency class (1)		A++
	LWT at 7°C		5,98
SEER	LWT at 8°C		8,78
Minimum rated curr	rent of the overcurrent circuit breaker with breaker type	A	B20
Compressor	Type		Twin rotary inverter compressor DC
compressor	Туре		Brushless DC motor / BLDC
Fan	Quantity		Brosniess DC mour 7 BLDC
	Type/ GWP		R32 / 675
Defriment	Type/ GWP	1	
Refrigerant	Charged (<15m)	kg	5,98
		TCO ₂ eq	8,78
	Liquid / Gas	mm	19
Pipe connections	Minimum installation length	m	17
	Maximum installation length	m	30
	Additional amount of refrigerant for over 15 linear meters	g/m	38
Maximum height	Outdoor unit above the indoor unit	m	20
difference	Outdoor unit below the indoor unit	m	20
Minimal wire pcs and dimension of cords*		pcs × mm²	3×4
Control cables: indoor unit to outdoor unit		pcs × mm²	2 × 0,75 (shielded cable)
Bracket spacing		(W×D)	656×456
Sound pressure level		dB(A)	49
Sound power level			60
Net dimensions	(W×D×H)	mm	1118×523×865
Gross dimensions	(W×D×H)	mm	1180×560×890
Net weight/Gross w	veight	kg	75/86
	Cooling	°C	-5~43
Operating outdoor	Heating	°C	-25-35
temperature	DHW	°C	
		~	40 m

1. Seasonal energy efficiency class measured under average climate conditions

The residual current circuit breaker used to protect the electrical circuit of the appliance shall be selected in view of the electrical regulations in force, assuming that the rated residual current is not greater than Idn: 30mA *The above values apply to supply cables with a maximum length of 20mb. If this value is exceeded, an electrical designer should be consulted.