































Aquami Multi Split heat pump

H100Xm4^[R15] / AQMS80X1i^[R13]



Device features

							
Environmentally friendly refrigerant R32	Efficient heating	Energy efficiency class at 35°C A++	Energy efficiency class at 55°C A+	Maximum COP 4,40	Operating range down to -20°C	Supply water temperature of 60°C	Integrated USB port for updates
							
Energy meter	Twin rotary compressor	Integrated electric heater	Outdoor unit drip tray heater	Compressor crankcase heater	Indoor unit drip tray	Easy installation and maintenance	Silent mode
							
Compact indoor split unit housing	Maximum installation length up to 80m	Built-in Wi-Fi module	Daily operation schedule	Configurable weekly schedules	Vacation mode	Menu in English	Multilanguage menu
							
Dedicated application	Disinfection	DHW circulation pump operation schedules	Maximum leaving water temperature of 55°C (in DHW mode)	Prepared to create a cascade system	Modbus Protocol		

Specification indoor unit

Indoor unit model				AQMS80X11 R13	
EAN product code				5905567602269	
Compatible outdoor unit model				H100xm4	
Operating mode				Heating and cooling	
Power supply			V-Hz, Ø	220-240-50, 1f	
Nett dimenton		(WxDxH)	mm	490 × 918 × 325	
Gross dimenton		(WxDxH)	mm	570 × 1055 × 415	
Net weight / Gross weight			kg	56 / 64	
Electric heater		Power	kW	3,1	
		Power consumption	A	13,5	
Sound pressure level			dB(A)	32	
Sound power level			dB(A)	44	
Leaving water temperature		Space heating	°C	25-60	
		DHW (tank)	°C	35-55	
Control cables: indoor unit to outdoor unit			pcs. × mm²	4 × 1,5 (shielded cable)	

Specification outdoor unit

Outdoor unit model				H100Xm4 R15	
EAN product code				5905567601675	
Power supply			V-Hz, Ø	220-240-50, 1f	
Air-air	Cooling	Capacity	kW	10,89	
		Rated input	kW	3,60	
		EER	W/W	3,01	
	Heating	Capacity	kW	12,03	
		Rated input	W/W	3,00	
		COP	kW	3,71	
	Seasonal cooling	Energy efficiency class		A++	
		Annual energy consumption	kWh	608,00	
		Design load in cooling mode		10,60	
	Seasonal heating	SEER		6,10	
		Energy efficiency class		A+	
		Annual energy consumption	kWh/a	3150	
		Design load in heating mode (Tbiv -7°C)	kW	9,00	
	Air-water	Heating (A7/W35)	Capacity	kW	8,00
Rated input			kW	1,80	
COP				4,40	
Heating (A7/W45)		Capacity	kW	8,00	
		Rated input	kW	2,50	
		COP		3,20	
Heating (A7/W55)		Capacity	kW	8,00	
		Rated input	kW	2,60	
		COP		3,10	
Seasonal energy efficiency LWT 35°C		SCOP ⁽¹⁾		4,45	
		Rated heat output	kW	8,0	
		Seasonal energy efficiency ratio (ηS)	%	175,12	
		Annual energy consumption	kWh	3712,00	
		Seasonal space heating energy efficiency class ⁽¹⁾	A++		
Seasonal energy efficiency LWT 55°C		SCOP ⁽¹⁾		2,99	
		Rated heat output	kW	8,0	
		Seasonal energy efficiency ratio (ηS)	%	156,6	
		Annual energy consumption	kWh	5524	
		Seasonal space heating energy efficiency class ⁽¹⁾	A+		
Maximum overcurrent protection (MOP)			A	13,5	
Minimum circuit amps (MCA)			A	12	
Compressor		Type	Rotary DC		
Fan		Type	DC		
Refrigerant	Quantity		1		
	Typ		R32		
	GWP		675		
	Charged (up to 30 mb)	kg	2,1		
		TCO2eq	1,42		
Pipe connections	Liquid	mm	4 × Ø6,35 / (4×1/4")		
	Gas	mm	3 × Ø9,52 + 1 × Ø12,7 (3 × 3/8" + 1× 1/2")		
	Minimum installation length	m	3		
	Maximum installation length	m	80		
	Additional amount of refrigerant for over 30 m	g/m	12		
Maximum height difference	Outdoor unit above the indoor unit	m	10		
	Outdoor unit below the indoor unit	m	15		
Power cables: outdoor unit			pcs. × mm²	3 × 4,0	
Control cables: indoor unit to outdoor unit			pcs. × mm²	4 × 1,5	
Spacing brackets		(W×D)	(mm)	673 × 403	
Sound pressure level			dB(A)	63	
Sound power level			dB(A)	68	
Nett weight		(W×D×H)	mm	946 × 410 × 810	
Gross weight		(W×D×H)	mm	1090 × 500 × 865	
Net weight / Gross weight			kg	68,8 / 75,6	
Operating outdoor temperature	Air-to-air	Cooling	°C	-15-50	
		Heating	°C	-20-24	
	Air-to-water	Heating	°C	-20-24	
		Domestic hot water	°C	-20-43	

(1) Seasonal energy efficiency class measured under average climate conditions.

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 humidity 85%. 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.