

Product fiche

HEAT PUMP SPACE HEATER		Model	AQM60X1
Unit sound power (*)	Average climate low temperature application	[dB(A)]	58.0
	Average climate medium temperature application	[dB(A)]	58.0
Capacity of the backup heater integrated in the unit	P _{sup} back-up heater (optional)	[kW]	0/3
Space heating	Energy efficiency class 35°C (Low temp. app.)	-	A+++
Space heating	Energy efficiency class 55°C (Medium temp. app.)	-	A++
Average climate (Design temperature = -10°C)			
Space heating 35°C	P _{rated} (declared heating capacity) @ -10°C	[kW]	6.8
	Seasonal space heating efficiency (η _s)	[%]	195.0
	Annual energy consumption	[kWh]	2,845
Space heating 55°C	P _{rated} (declared heating capacity) @ -10°C	[kW]	5.7
	Seasonal space heating efficiency (η _s)	[%]	137.9
	Annual energy consumption	[kWh]	3,343
Part load conditions space heating average climate low temperature application			
(A) condition (-7°C)	P _{dh} (declared heating capacity)	[kW]	6.03
	COP _d (declared COP)	-	3.09
	C _{dh} (degradation coefficient)	-	0.00
(B) condition (2°C)	P _{dh} (declared heating capacity)	[kW]	3.88
	COP _d (declared COP)	-	4.85
	C _{dh} (degradation coefficient)	-	0.00
(C) condition (7°C)	P _{dh} (declared heating capacity)	[kW]	2.39
	COP _d (declared COP)	-	6.63
	C _{dh} (degradation coefficient)	-	0.00
(D) condition (12°C)	P _{dh} (declared heating capacity)	[kW]	1.39
	COP _d (declared COP)	-	7.93
	C _{dh} (degradation coefficient)	-	0.90
(E) TOL (temperature operating limit)	TOL (temperature operating limit)	[°C]	-10.00
	P _{dh} (declared heating capacity)	[kW]	5.36
	COP _d (declared COP)	-	2.76
	W _{TOL} (Heating water Operation Limit)	[°C]	60.00
(F) Tivalent temperature	T _{blv}	[°C]	-7.00
	P _{dh} (declared heating capacity)	[kW]	6.03
	COP _d (declared COP)	-	3.09
Supplementary capacity at P _{design}	P _{sup} (@Tdesignh: -10°C)	[kW]	1.45
Part load conditions space heating average climate medium temperature application			
(A) condition (-7°C)	P _{dh} (declared heating capacity)	[kW]	5.04
	COP _d (declared COP)	-	2.17
	C _{dh} (degradation coefficient)	-	0.00
(B) condition (2°C)	P _{dh} (declared heating capacity)	[kW]	3.12
	COP _d (declared COP)	-	3.51
	C _{dh} (degradation coefficient)	-	0.00
(C) condition (7°C)	P _{dh} (declared heating capacity)	[kW]	2.08
	COP _d (declared COP)	-	4.54
	C _{dh} (degradation coefficient)	-	0.00
(D) condition (12°C)	P _{dh} (declared heating capacity)	[kW]	1.28
	COP _d (declared COP)	-	5.59
	C _{dh} (degradation coefficient)	-	0.90
(E) TOL (temperature operating limit)	TOL (temperature operating limit)	[°C]	-10.00
	P _{dh} (declared heating capacity)	[kW]	4.52
	COP _d (declared COP)	-	1.91
	W _{TOL} (Heating water Operation Limit)	[°C]	60.00
(F) Tivalent temperature	T _{blv}	[°C]	-7.00
	P _{dh} (declared heating capacity)	[kW]	5.04
	COP _d (declared COP)	-	2.17
Supplementary capacity at P _{design}	P _{sup} (@Tdesignh: -10°C)	[kW]	1.18