

SMA-07HRDN1C							
Function							
Cooling			YES	Average Zone			YES
Heating			YES	Warmer Zone			-
				Colder Zone			-
Design load				Seasonal efficiency			
Cooling	Pdc	2.1	Kw	Cooling	SEER	5.8	Kw
Heating/Average Zone	Pdc	1.8	Kw	Heating/Average Zone	SCOP/A	3.9	Kw
Heating/Warmer Zone	Pdc	/	Kw	Heating/Warmer Zone	SCOP/W	/	Kw
Heating/Colder Zone	Pdc	/	Kw	Heating/Colder Zone	SCOP/C	/	Kw
Cooling							
Declared capacity for cooling at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio,at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°	Pdc	2.19	Kw	Tj=35°	EERd	3.62	
Tj=30°	Pdc	1.66	Kw	Tj=30°	EERd	4.49	
Tj=25°	Pdc	1.04	Kw	Tj=25°	EERd	8.76	
Tj=20°	Pdc	1.00	Kw	Tj=20°	EERd	7.84	
Heating							
Declared capacity for cooling at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency ratio,at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=-7°	Pdc	1.68	Kw	Tj=-7°	COPd	2.84	
Tj=2°	Pdc	1.03	Kw	Tj=2°	COPd	4.07	
Tj=7°	Pdc	0.80	Kw	Tj=7°	COPd	4.60	
Tj=12°	Pdc	0.77	Kw	Tj=12°	COPd	5.71	
Tj=bivalent temperature	Pdc	1.68	Kw	Tj=bivalent temperature	COPd	2.84	
Tj=operation limit	Pdc	1.58	Kw	Tj=operation limit	COPd	2.62	
Bivalent temperature				Operation limit temperature			
Heating/Average Zone	Tbiv	-7	°C	Heating/Average Zone	Tbiv	-15	°C
Heating/Warmer Zone	Tbiv	/	°C	Heating/Warmer Zone	Tbiv	/	°C
Electric power input in power modes other than active mode				Annual electricity consumption			
	Poff	0	Kw	Cooling	Qct	126	KWh/a
	Pss	0.001	Kw	Heating/Average Zone	Qhe	643	KWh/a
	Pto	0.033	Kw	Heating/Warmer Zone	Qhe	/	KWh/a
	Psk	0	Kw	Heating/Colder Zone	Qhe	/	KWh/a
Capacity control				Annual electricity consumption			
	symbol	vale	unit		symbol	vale	unit
fixed	-			Sound power level(indoor/outdoor)	Lwa	37/50	dB(A)
staged	-			Global warming potential	GWP	2088	kgCO2eq.
variable	YES			Rated air flow(indoor unit)	—	450	m ³ /h
				Rated air flow(outdoor unit)	—	/	m ³ /h