

SMA-18HRDN1C							
Function							
Cooling		YES	Average Zone			YES	
Heating		YES	Warmer Zone			-	
			Colder Zone			-	
Design load				Seasonal efficiency			
Cooling	Pdc	5.1	Kw	Cooling	SEER	5.7	Kw
Heating/Average Zone	Pdc	4.1	Kw	Heating/Average Zone	SCOP/A	3.8	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 radio,at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=35°	Pdc	5.06	Kw	Tj=35°	EERd	3.20	
Tj=30°	Pdc	3.72	Kw	Tj=30°	EERd	4.60	
Tj=25°	Pdc	2.33	Kw	Tj=25°	EERd	6.84	
Tj=20°	Pdc	1.70	Kw	Tj=20°	EERd	9.00	
Heating							
Declared capacity for cooling at indoor temperature 27(19)°C and outdoor temperature Tj				Declared energy efficiency radio,at indoor temperature 27(19)°C and outdoor temperature Tj			
Tj=-7°	Pdc	3.75	Kw	Tj=-7°	COPd	2.56	
Tj=2°	Pdc	2.25	Kw	Tj=2°	COPd	3.90	
Tj=7°	Pdc	1.40	Kw	Tj=7°	COPd	4.63	
Tj=12°	Pdc	1.34	Kw	Tj=12°	COPd	5.37	
Tj=bivalent temperature	Pdc	3.75	Kw	Tj=bivalent temperature	COPd	2.56	
Tj=operation limit	Pdc	3.52	Kw	Tj=operation limit	COPd	2.26	
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			
off mode	Poff	0	Kw	Cooling	Qct	312	KWh/a
Standby mode	Pss	1.1	Kw	Heating/Average Zone	Qhe	1509	KWh/a
Thermostat off mode	Pto	0.055	Kw	Heating/Warmer Zone	Qhe	/	KWh/a
Crankcase heater mode	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	42/55	dB(A)
staged	-			Global warming potential	GWP	2088	kgCO2eq.
variable	YES			Rated air flow(indoor unit)	—	850	m³/h
				Rated air flow(outdoor unit)	—	/	m³/h