	MODE			MV-E18BI + MV-H09BIF 2x				
FUNCTION				FUNCTION				
Cooling		Yes		Average season Yes				
Heating	Yes			Warmer season	No			
				Colder season	No			
Design load				Seasonal efficiency				
Item	symbol	value	unit	Item	symbol	value	unit	
Cooling	Pdesignc	5,2	kW	Cooling	SEER	6,1		
Heating / Average	Pdesignh	3,8	kW	Heating / Average	SCOP/A	4,0		
Heating / Warmer	Pdesignh	-	kW	Heating / Warmer	SCOP/W	-		
Heating / Colder	Pdesignh	-	kW	Heating / Colder	SCOP/C	-		
Declared capacity for coolin temperature Tj	g, at indoor ter	nperature 27(19)°C and	outdoor	Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor temperature Tj				
Item	symbol	value	unit	Item	symbol	value	unit	
Tj = 35 °C	Pdc	5,23	kW	Tj = 35 °C	EERd	3,29		
Tj = 30 °C	Pdc	3,86	kW	Tj = 30 °C	EERd	4,37		
Tj = 25 °C	Pdc	2,48	kW	Tj = 25 °C	EERd	7,51		
Tj = 20 °C	Pdc	1,63	kW	Tj = 20 °C	EERd	12,83		
Declared capacity for heatin outdoor temperature Tj	g/Average sea	ison, at indoor temperat	ure 20 °C and	Declared coefficient of performance / Average season, at indoor temperature 20 °C and outdoor temperature Tj				
Item	symbol	value	unit	Item	symbol	value	unit	
Tj = - 7 °C	Pdh	3,45	kW	Tj = - 7 °C	COPd	3,08		
Tj = 2 °C	Pdh	2,09	kW	Tj = 2 °C	COPd	4,12		
Tj = 7 °C	Pdh	1,34	kW	Tj = 7 °C	COPd	4,25		
Tj = 12 °C	Pdh	1,26	kW	Tj = 12 °C	COPd	6,11		
Tj = bivalent temperature	Pdh	3,05	kW	Tj = bivalent temperature	COPd	2,79		
Tj = operating limit	Pdh	3,45	kW	Tj = operating limit	COPd	3,08		
Declared capacity for heatin and outdoor temperature Tj	g / Warmer se	ason, at indoor tempera	ture 20 °C	Declared coefficient of performance / Warmer season, at indoor temperature 20 °C and outdoor temperature Tj				
	overbol	value	unit	Item	ov/mbol	value	unit	
Item Tj = 2 °C	symbol Pdh	value	unit kW	Tj = 2 °C	symbol COPd	value	unit 	
Tj = 7 °C	Pdh	-	kW	Tj = 7 °C	COPd	-		
	Pdh	-		Tj = 7 C Tj = 12 °C	COPd	-		
Tj = 12 °C	Pdh		kW kW	,	COPd			
Tj = bivalent temperature Tj = operating limit	Pdh	-	kW	Tj = bivalent temperature	COPd	-		
				Tj = operating limit				
Declared capacity for heatin outdoor temperature Tj		· ·		Declared coefficient of performance / Colder season, at indoor temperature 20 °C and outdoor temperature Tj				
Item	symbol	value	unit	Item	symbol	value	unit	
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-		
Tj = 2 °C	Pdh	-	kW	Tj = 2 °C	COPd	-		
Tj = 7 °C	Pdh	-	kW	Tj = 7 °C	COPd	-		
Tj = 12 °C	Pdh	-	kW	Tj = 12 °C	COPd	-		
Tj = bivalent temperature	Pdh	-	kW	Tj = bivalent temperature	COPd	-		
Tj = - 15 °C	Pdh	-	kW	Tj = - 15 °C	COPd			
Bivalent temperature	t t			Operating limit temperature	a salad		- 11	
Item	symbol	value	unit	Item	symbol	value	unit	
Heating / Average	Tbiv	-7	°C	Heating / Average	Tol	-10	°C	
Heating / Warmer	Tbiv	-	°C	Heating / Warmer	Tol	-	°C	
Heating / Colder	Tbiv	-	°C	Heating / Colder	Tol	-	°C	
Cycling interval capacity	or			Cycling interval efficiency	o,			
Item	symbol	value	unit	Item	symbol	value	unit	
For cooling	Pcycc	X,X	kW	For cooling	EERcyc	Х,Х		
For heating	Pcych	X,X	kW	For heating	COPcyc	X,X		
Degradation co-efficient cooling	Cdc	x,x		Degradation co-efficient heating	Cdh	x,x		
Electric power input in powe	r modes other	than 'active mode'	ļ	Annual electricity consumption		· I		
Off mode		0,009198	kW	Cooling	0	298	kWh/a	
	P _{OFF}	0,009198	kW		Q _{CE}	1330	kWh/a	
Standby mode	P _{SB}			Heating / Average	Q _{HE}			
Thermostat-off mode	P _{TO}	0,004283/,0,008314	kW	Heating / Warmer	Q _{HE}	-	kWh/a	
Crankcase heater mode	Р _{ск}	0,000	kW	Heating / Colder	Q _{HE}	-	kWh/a	
Capacity control				Other items	symbol	value	unit	
Fixed		No		Sound power level (indoor/outdoor)	L_{WA}	55/65	dB(A)	
Staged	No			Global warming potential	GWP	675	kgCO ₂ eq.	
Variable		Yes		Rated air flow (indoor/outdoor)		560/2600	m ³ /h	
	L							
Name and address of the m	anutacturor or			Manufacturer: SINCLAIR Corp. Ltd., 1-4 Argyll St., London, UK Representive: SINCLAIR EUROPE spol. s r.o., Purkynova 45, 612 00 Brno, CZ				
Name and address of the m								
Name and address of the m of its authorised representat Contact details for obtaining	ive.	ion			OPE spol. s r.o	., Purkynova 45		

* Device contains fluorinated greenhouse gases covered by the Kyoto Protocol.

	MODE	L		MV-E18BI + MV-H07BIF, MV-H09BIF					
FUNCTION				FUNCTION					
Cooling	Yes			Average season Yes					
Heating		Yes		Warmer season		No			
				Colder season		No			
Design load		· ·		Seasonal efficiency					
Item	symbol	value	unit	Item	symbol	value	unit		
Cooling	Pdesignc	5,2	kW	Cooling	SEER	6,1			
Heating / Average Heating / Warmer	Pdesignh Pdesignh	3,8	kW kW	Heating / Average Heating / Warmer	SCOP/A SCOP/W	4,0			
Heating / Colder	Pdesignh		kW	Heating / Colder	SCOP/C	-			
Declared capacity for cooling	· · · ·	operature 27(19)°C and		Declared energy efficiency ratio, at indoor temperature 27(19)°C and outdoor					
temperature Tj	g, at matter		outdoo.	temperature Tj					
Item	symbol	value	unit	Item	symbol	value	unit		
Tj = 35 °C	Pdc	5,24	kW	Tj = 35 °C	EERd	3,25			
Tj = 30 °C	Pdc	3,89	kW	Tj = 30 °C	EERd	4,32			
Tj = 25 °C	Pdc	2,65	kW	Tj = 25 °C	EERd	7,44			
Tj = 20 °C	Pdc	1,46	kW	Tj = 20 °C	EERd	12,54			
Declared capacity for heating outdoor temperature Tj	g/Average sea	son, at indoor temperatu	are 20 °C and	Declared coefficient of performance / Average season, at indoor temperature 20 °C and outdoor temperature Tj					
Item	symbol	value	unit	Item	symbol	value	unit		
Tj = - 7 °C	Pdh	3,36	kW	Tj = - 7 °C	COPd	2,84			
Tj = 2 °C	Pdh	2,06	kW	Tj = 2 °C	COPd	4,13			
Tj = 7 °C	Pdh	1,38	kW	Tj = 7 °C	COPd	4,59			
Tj = 12 °C	Pdh	0,93	kW	Tj = 12 °C	COPd	5,61			
Tj = bivalent temperature	Pdh	2,79	kW	Tj = bivalent temperature	COPd	2,53			
Tj = operating limit	Pdh	3,36	kW	Tj = operating limit	COPd	2,84			
Declared capacity for heating / Warmer season, at indoor temperature 20 $^\circ\text{C}$ and outdoor temperature Tj				Declared coefficient of performa and outdoor temperature Tj		1			
Item	symbol	value	unit	Item	symbol	value	unit		
Tj = 2 °C	Pdh	-	kW	Tj = 2 °C	COPd	-			
Tj = 7 °C	Pdh	-	kW	Tj = 7 °C	COPd	-			
Tj = 12 °C Tj = bivalent temperature	Pdh Pdh	-	kW kW	Tj = 12 °C Tj = bivalent temperature	COPd COPd	-			
Tj = operating limit	Pdh	-	kW	Tj = operating limit	COPd	-			
Declared capacity for heating		son at indoor temperatu		Declared coefficient of performa		season at indoo	r temperature 20 °C ar		
outdoor temperature Tj	97 001001 000			outdoor temperature Tj					
Item	symbol	value	unit	Item	symbol	value	unit		
Tj = - 7 °C	Pdh	-	kW	Tj = - 7 °C	COPd	-			
Tj = 2 °C	Pdh	-	kW	Tj = 2 °C	COPd	-			
Tj = 7 °C	Pdh	-	kW	Tj = 7 °C	COPd	-			
Tj = 12 °C	Pdh	-	kW	Tj = 12 °C	COPd	-			
Tj = bivalent temperature	Pdh	-	kW	Tj = bivalent temperature	COPd	-			
Tj = - 15 °C Bivalent temperature	Pdh	-	kW	Tj = - 15 °C Operating limit temperature	COPd				
Item	symbol	value	unit	Item	symbol	value	unit		
Heating / Average	Tbiv	-7	°C	Heating / Average	Tol	-10	°C		
Heating / Warmer	Tbiv	-	°C	Heating / Warmer	Tol	-	°C		
Heating / Colder	Tbiv	-	°C	Heating / Colder	Tol	-	°C		
Cycling interval capacity				Cycling interval efficiency	1				
Item	symbol	value	unit	Item	symbol	value	unit		
For cooling	Pcycc	X,X	kW	For cooling	EERcyc	X,X			
For heating	Pcych	X,X	kW	For heating	COPcyc	X,X			
Degradation co-efficient cooling	Cdc	x,x		Degradation co-efficient heating	Cdh	x,x			
Electric power input in power	r modes other	than 'active mode'		Annual electricity consumption		•			
Off mode	P _{OFF}	0,0083122	kW	Cooling	Q _{CE}	298	kWh/a		
Standby mode	P _{SB}	0,0083122	kW	Heating / Average	Q _{HE}	1330	kWh/a		
Thermostat-off mode	P _{TO}	0,0031362/0,018415	kW	Heating / Warmer	Q _{HE}	-	kWh/a		
Crankcase heater mode	Р _{ск}	0,000	kW	Heating / Colder	Q _{HE}	-	kWh/a		
Capacity control				Other items	symbol	value	unit		
Fixed	No			Sound power level (indoor/outdoor)	L _{WA}	55/65	dB(A)		
Staged	No			Global warming potential	GWP	675	kgCO ₂ eq.		
Verieble		Yes		Rated air flow (indoor/outdoor)		560/2600	m ³ /h		
Variable									
	anufacturer or			Manufacturer: SINCI AIR Corp	Ltd., 1-4 Arovi	II St., London II	ĸ		
Name and address of the m of its authorised representat				Manufacturer: SINCLAIR Corp. Representive: SINCLAIR EURO					

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