



Technical documentation-1/3

General description of the appliance		
	Multi-split	
Outdoor side heat exchanger		
	air	
Type of compressor driven		
	Vapor compression	
Outdoor unit (1)		
TypeName	XCT8 12HP	
	38VS335188JCEE	
Indoor unit (1)		
TypeName	4-way Cassette	
	40VU018S-8S-TEE	
Indoor unit (3)		
TypeName	4-way Cassette	
	40VU018S-8S-TEE	
Indoor unit (5)		
TypeName	4-way Cassette	
	40VU018S-8S-TEE	

Indoor side heat exchanger	
	air
Driver of compressor	
	electric motor
Outdoor unit (2)	
TypeName	-
	-
Indoor unit (2)	
TypeName	4-way Cassette
	40VU018S-8S-TEE
Indoor unit (4)	
TypeName	4-way Cassette
	40VU018S-8S-TEE
Indoor unit (6)	
TypeName	4-way Cassette
	40VU018S-8S-TEE

Technical documentation-2/3

Function		
cooling	Y	
heating	Y	

Average	Y
Warmer	N
Colder	N

Item	symbol	value	unit
Design load			
Cooling	Pdesignc	33.5	kW
Heating	Pratedh	33.5	kW
heating/Average	Pdesignh	25.1	kW
heating/Warmer	Pdesignh	-	kW
heating/Colder	Pdesignh	-	kW

Item	symbol	value	unit
Seasonal efficiency			
Cooling	η_{sc}	257.00	%
	SEER	6.50	-
heating/Average	$\eta_{sh(A)}$	161.00	%
	SCOP(A)	4.10	-
heating/Warmer	$\eta_{sh(W)}$	-	%
	SCOP(W)	-	-
heating/Colder	$\eta_{sh(C)}$	-	%
	SCOP(C)	-	-

Declared capacity for cooling at indoor temperature 27(19)°C and outdoor temperature Tj.			
Tj=35°C	Pdc	33.50	kW
Tj=30°C	Pdc	25.00	kW
Tj=25°C	Pdc	16.50	kW
Tj=20°C	Pdc	8.20	kW
Degradation co-effici	Cdc	0.25	

Declared Energy efficiency ratio for cooling at indoor temperature 27(19)°C and outdoor temperature Tj.			
Tj=35°C	EERd	2.70	-
Tj=30°C	EERd	4.40	-
Tj=25°C	EERd	7.16	-
Tj=20°C	EERd	15.50	-

Declared capacity for heating/Average season, at indoor temperature 20 °C and outdoor temperature Tj			
Tj=-7°C	Pdh	23.00	kW
Tj=2°C	Pdh	14.50	kW
Tj=7°C	Pdh	8.50	kW
Tj=12°C	Pdh	5.85	kW
Tj=bivalent temperatu	Pdh	23.00	kW
Tj=operation limit	Pdh	16.00	kW
Degradation co-effici	Cdh	0.25	

Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj.			
Tj=-7°C	COPd	2.40	-
Tj=2°C	COPd	3.58	-
Tj=7°C	COPd	6.95	-
Tj=12°C	COPd	8.50	-
Tj=bivalent temperatu	COPd	2.40	-
Tj=operation limit	COPd	2.05	-

Bivalent temperature		
heating/Average	Tbiv	-7 °C
heating/Warmer	Tbiv	- °C
heating/Colder	Tbiv	- °C

Operation limit temperature		
heating/Average	Tol	-20 °C
heating/Warmer	Tol	- °C
heating/Colder	Tol	- °C

Electric power input in power modes other than active mode		
off mode	Poffc	0.010 kW
standby mode	Psbc	0.010 kW
thermostat-off mode	Ptoc	0.000 kW
crankcase heater mo	Pckc	0.000 kW

Electric power input in power modes other than active mode		
off mode	Poffh	0.016 kW
standby mode	Psbh	0.016 kW
thermostat-off mode	Ptoh	0.016 kW
crankcase heater mo	Pckh	0.000 kW

Capacity control		
Fixed		N
Strage		N
Variable		Y

Refrigerant		
Type	R410A	
Weight	4.40	kg
Global warming poter GWP	2088	kgCO2eq

Technical documentation-3/3

Sound power level		
outdoor unit (cooling)	76	dB(A)
outdoor unit (heating)	77	dB(A)
outdoor unit (cooling)	-	dB(A)
outdoor unit (heating)	-	dB(A)
outdoor unit (cooling)	-	dB(A)
outdoor unit (heating)	-	dB(A)

Rated air flow		
outdoor unit (cooling) elbu	9590	m3/h
outdoor unit (heating) elbu	9590	m3/h
outdoor unit (cooling) elbu	-	m3/h
outdoor unit (heating) elbu	-	m3/h
outdoor unit (cooling) elbu	-	m3/h
outdoor unit (heating) elbu	-	m3/h

Outdoor unit dimension		
height	1740	mm
width	990	mm
depth	390	mm
weight	156	kg

Outdoor unit dimension		
height	-	mm
width	-	mm
depth	-	mm
weight	-	kg

Harmonised standard	EN14511:2022, EN14825:2022, EN12102:2013
Calculation methods	EN14511:2022, EN14825:2022, EN12102:2013
Measurement standards	
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