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General description of the appliance	
	Multi-split

Outdoor side heat exchanger	
	air

Type of compressor driven	
	Vapor compression

Outdoor unit (1)	
TypeName	XCT8 4HP 38VS140C8SJCEE

Indoor unit (1)	
TypeName	4-way Cassette 40VU012S-8S-TEE

Indoor unit (3)	
TypeName	4-way Cassette 40VU012S-8S-TEE

Indoor side heat exchanger	
	air

Driver of compressor	
	electric motor

Outdoor unit (2)	
TypeName	- -

Indoor unit (2)	
TypeName	4-way Cassette 40VU012S-8S-TEE

Indoor unit (4)	
TypeName	4-way Cassette 40VU012S-8S-TEE

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Function	
cooling	Y
heating	Y

Average		Y
Warmer		N
Colder		N

Item	symbol	value	unit
Design load			
Cooling	Pdesignc	14.0	kW
Heating	Pratedh	16.0	kW
heating/Average	Pdesignh	11.2	kW
heating/Warmer	Pdesignh	-	kW
heating/Colder	Pdesignh	-	kW

Item	symbol	value	unit
Seasonal efficiency			
Cooling	η_{sc}	305.80	%
	SEER	7.72	-
heating/Average	$\eta_{sh(A)}$	147.00	%
	SCOP(A)	3.75	-
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	14.00	kW
Tj=30°C	Pdc	10.38	kW
Tj=25°C	Pdc	6.63	kW
Tj=20°C	Pdc	4.23	kW
Degradation co-efficient	Cdc	0.25	

Declared Energy efficiency ratio for cooling at indoor temperature 27(19)°C and outdoor temperature Tj.			
Tj=35°C	EERd	3.23	-
Tj=30°C	EERd	5.19	-
Tj=25°C	EERd	9.01	-
Tj=20°C	EERd	18.43	-

Declared capacity for heating/Average season, at indoor temperature 20 °C and outdoor temperature Tj			
Tj=-7°C	Pdh	9.93	kW
Tj=2°C	Pdh	6.05	kW
Tj=7°C	Pdh	3.93	kW
Tj=12°C	Pdh	3.96	kW
Tj=bivalent temperature	Pdh	9.93	kW
Tj=operation limit	Pdh	5.66	kW
Degradation co-efficient	Cdh	0.25	

Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj.			
Tj=-7°C	COPd	2.16	-
Tj=2°C	COPd	3.38	-
Tj=7°C	COPd	6.18	-
Tj=12°C	COPd	7.29	-
Tj=bivalent temperature	COPd	2.16	-
Tj=operation limit	COPd	1.90	-

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	Poff	0.010	kW
standby mode	Psb	0.010	kW
thermostat-off mode	Pto	0.000	kW
crankcase heater mode	Pck	0.000	kW

Supplementary heater	
elbu	- kW

Capacity control	
Fixed	N
Strage	N
Variable	Y

Refrigerant			
Type		R410A	
Weight		3.30	kg
Global warming potential	GWP	2088	kgCO2eq

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Sound power level	
outdoor unit (cooling)	73 dB(A)
outdoor unit (heating)	74 dB(A)
outdoor unit (cooling)	
outdoor unit (heating)	
outdoor unit (cooling)	
outdoor unit (heating)	

Rated air flow			
outdoor unit (cooling)	elbu	4260	m3/h
outdoor unit (heating)	elbu	4260	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		910	mm
width		990	mm
depth		390	mm

Outdoor unit dimension			
height			mm
width			mm
depth			mm

weight kg

weight kg

Outdoor unit dimension	height	<input type="text"/>	mm
	width	<input type="text"/>	mm
	depth	<input type="text"/>	mm
	weight	<input type="text"/>	kg

Harmonised standard	EN 14511-3:2013
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Calculation methods Measurement standards	PrEN 14825:2016
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