Model(s): FDC125VSA-W / F	-DT125VH									
Outdoor side heat exchanger of air condi	tioner :	air								
Indoor side heat exchanger of air condition	oner:	air								
Type : vapour compression										
if applicable : electric motor										
Item	Symbol	Value	Unit	Item	Symbo		Value	Unit		
Rated cooling capacity	,			Seasonal space	•					
	Prated,c	12.5	kW	cooling energy	η s,c		258.0	%		
				efficiency						
Declared cooling capacity for part load at	Declared energy ef	fficiency ratio	o or gas utilization	efficiency /	¥					
Declared cooling capacity for part load at given outdoor temperatures  Tj and indoor 27°C/19°C(dry/wet bulb)				Declared energy efficiency ratio or gas utilization efficiency / auxiliary energy factor for part load at given outdoor temperatures Tj						
					oto: .o. pait.			.,		
Γj=+35℃	Pdc	12.5	kW	Tj=+35°C	EERd or					
			_	1, .000		n / AEFc,bin	309.0	%		
Tj=+30°C	Pdc	9.0	kW	Tj=+30°C	EERd or	I / ALI C,DIII				
				113-130 0		/ AFFa bin	486.0	%		
Tj=+25°C	Pdc	5.8	kW	Ti- + 25°C		n / AEFc,bin				
	. 45		7	Tj=+25°C	EERd or		773.0	%		
Tj=+20°C	Pdc	3.1	kW	Ti . 0000		n / AEFc,bin		1		
1, 120 0	1 40	0.1	],,,,	Tj=+20°C	EERd or		1164.0	%		
			7		GUEc,bin	n / AEFc,bin		_		
Degradation	0.1	0.25								
coefficient for	Cdc	0.23	-							
air conditioners**										
Power consumption in other than 'active	mode'									
Off mode	$P_{OFF}$	0.007	kW	Crankcase heater r	mada	P <sub>CK</sub>	0.005	kW		
Thermostat-off mode		0.007	kW	Standby mode	illoue		0.003	kW		
memostat-on mode	P <sub>TO</sub>	0.022		Staridby mode		$P_SB$	0.007			
Other items								7		
One site and the			7	For air-to-air air co	4500	m3/h				
Capacity control		variable	1	air flow-rate,outdoo	or measured			_		
			7							
Sound power level,	$L_WA$	71.0	dB							
outdoor										
			7							
If engine driven:	NOx		mg/kWh							
Emissions of nitrogen	***	-	fuel input							
oxides			GCV							
			7							
GWP of the		675	kg CO <sub>2eq</sub>							
refrigerant			(100years)							
Т										
•	shi heavy indu									
** If Cdc is not determined by measurement	ent then the de	efault degra	adation coeffi	cient air conditioners	shall be 0,2	5.				
*** from 26 September 2018										

Where information relates to multi-spilt air conditioners, the test result and performance data be obtained on the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.

Information to identify the model(s) to which the	ne information	relates :		FDC125VS	A-W / FDT125VH					
Outdoor side heat exchanger of heat pump :		air								
Indoor side heat exchanger of heat pump :		air								
Indication if the heater is equipped with a supplementary heater : No										
if applicable : electric motor										
Parameters shall be declared for the average	heating seaso	n , paramete	ers for the w	warmer and c	older heating seasons	are optional.				
Item	Symbol	Value	Unit		Item	Symbol		Value	Unit	
Rated heating capacity					Seasonal space heating	ng energy efficiency ηs,h				
	Prated,h	14.0	kW					172.1	%	
Declared heating capacity for part load at indoor temperature 20°C					Declared coefficient of	f performance or gas utilization	on efficiend	cy /		
and outdoor temperature Tj					auxiliary energy factor	for part load at given outdoo	r temperat	ures Tj		
	į		1				_		7	
T <sub>j</sub> =-7°C	Pdh	8.7	kW		T <sub>j</sub> =-7°C	COPd or		300.0	%	
	ı		1			GUEh,bin / AEFh,bin			1	
T <sub>j</sub> =+2°C	Pdh	5.3	kW		T <sub>j</sub> =+2°C	COPd or		425.0	%	
	i		1			GUEh,bin / AEFh,bin			1	
T <sub>j</sub> =+7°C	Pdh	3.4	kW		T <sub>j</sub> =+7°C	COPd or		545.0	%	
	ı		1			GUEh,bin / AEFh,bin	_		1	
T <sub>j</sub> =+12°C	Pdh	2.9	kW		T <sub>j</sub> =+12°C	COPd or		719.0	%	
	i		1			GUEh,bin / AEFh,bin			1	
T <sub>biv</sub> =bivalent temperature	Pdh	9.8	kW		T <sub>biv</sub> =bivalent temperature	COPd or		270.0	%	
	i		1		,	GUEh,bin / AEFh,bin	_		1	
T <sub>OL</sub> =operation limit	Pdh	7.4	kW		T <sub>OL</sub> =operation limit	COPd or		220.0	%	
	İ		1			GUEh,bin / AEFh,bin	-		1	
For air-to-water heat pumps :	Pdh		kW		For air-to-water heat	COPd or		-	%	
T <sub>j</sub> =-15°C					pumps:T <sub>j</sub> =-15°C	GUEh,bin / AEFh,bin	L			
(if T <sub>OL</sub> <-20°C)					(if T <sub>OL</sub> <-20°C)					
Divolent temperature	- I	-10.0	°c		For water-to-air heat				1	
Bivalent temperature	T <sub>biv</sub>	-10.0			pumps:Operation limit			_	°C	
Degradation			1		T <sub>ol</sub> temperature	•				
coefficient	$C_{dh}$	0.25			1 of temperature		L			
heat pumps**	Odh									
			Į							
				_						
Power consumption in modes other than 'activ	re mode'				Supplementary heater				1	
ower concumption in modes caller than deat	o modo				back-up heating capac		elbu	-	kW	
Off mode	P <sub>OFF</sub>	0.007	kW		back up floating capac	sity	L		4	
Thermostat-off mode	P <sub>TO</sub>	0.034	kW		Type of energy input		_ [		]	
Crankcase heater mode	P <sub>CK</sub>	0.005	kW		Standby mode		P <sub>SB</sub>	0.007	kW	
	!		4		,		_		4	
Other items										
	_		_		For air-to-air heat pum	nps:		4380	m3/h	
Capacity control		variable			air flow-rate,outdoor m	neasured		4300	1113/11	
	•		-				_		_	
Sound power level,	$L_{WA}$	71.0	dB		For water-/brine-to-air	heat pumps :				
outdoor measured	-WA				Rated brine or water f	low-rate,		-	m3/h	
	•		1		outdoor side heat excl	nanger			_	
Emissions of nitrogen	NOx		mg/kWh							
oxides(if applicable)	***	-	fuel input							
			GCV							
	Ī		1							
GWP of the		675	kg CO <sub>2eq</sub> (100years)	\						
refrigerant			(Todycais)	<u>'</u>						
I		141		<u> </u>						
Contact details Mitsubish  ** If Cdh is not determined by measurement the	i heavy industr		•		ners shall he 0.25					
	ion uie ueiaull	acgradation	, oodmoleill	. an condition	1013 311all DC 0,20.					
*** from 26 September 2018										
Where information relates to multi-spilt air conditioners, the test result and performance data be obtained on the basis of the performance of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.										
or the outdoor unit, with a combination of indo	or unit(s) recor	imieriaea by	y une manufa	acturer or im	porter.					

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