Model(s) : FDC140VNA- Outdoor side heat exchanger of air o	W / FDT140VH										
		air									
Indoor side heat exchanger of air co		air									
Type : vapour compression											
if applicable : electric motor											
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit				
Rated cooling capacity				Seasonal space			a./				
	Prated,c	13.6	kW	cooling energy	η s,c	243.6	%				
				efficiency							
Declared cooling capacity for part load at given outdoor temperatures				Declared energy efficiency ratio or gas utilization efficiency /							
Tj and indoor 27°C/19°C(dry/wet bulk	auxiliary energy factor for part load at given outdoor temperatures Tj										
			-				1				
Tj=+35℃	Pdc	13.6	kW	Tj=+35°C	EERd or	284.0	%				
			_		GUEc,bin / AEFc,bin		,.				
Tj=+30°C	Pdc	10.0	kW	Tj=+30°C	EERd or	443.0	%				
					GUEc,bin / AEFc,bin	445.0	70				
Tj=+25°C	Pdc	6.4	kW	Tj=+25°C	EERd or	717.0	0/				
			-	-	GUEc,bin / AEFc,bin	/1/.0	%				
Tj=+20°C	Pdc	3.1	kW	Tj=+20℃	EERd or						
			4	1]=120 0	GUEc,bin / AEFc,bin	1164.0	%				
Degradation	I		7				1				
coefficient for	Cdc	0.25									
	Cuc		-								
air conditioners**			1								
Power consumpiton in other than 'ac	tive mode'										
			- Т				1				
Off mode	P _{OFF}	0.007	kW	Crankcase heater	r mode P _{CK}	0.005	kW				
Thermostat-off mode	P _{TO}	0.022	kW	Standby mode	P _{SB}	0.007	kW				
Other items							_				
				For air-to-air air c	onditioner:	4500	m3/h				
Capacity control		variable		air flow-rate,outdo	por measured	4300	1113/11				
			_				-				
Sound power level,]								
outdoor	L _{WA}	72.0	dB								
			4								
If engine driven:	NOx	_	mg/kWh								
Emissions of nitrogen	***	_	fuel input								
oxides			GCV								
			- Г								
GWP of the		675	kg CO _{2eq}								
refrigerant			(100years)								
Contact details Mit	tsubishi heavy indu	stries therr	nal systems,L	TD							
** If Cdc is not determined by measu	rement then the de	fault degra	adation coeffi	cient air conditioner	s shall be 0,25.						
*** from 26 September 2018											
	oilt air conditioners.	the test res	sult and perfo	rmance data be obt	tained on the basis of the perf	formance					
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.											
	2										

Information to identify the model(s) to which the information relates :				FDC140VNA-W / FDT140VH									
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 h	eating seaso	on, paramet	ters for the v	varmer and o	colder heating seasons	are optional.							
Item	Symbol	Value	Unit		Item	Symbol	Value	Unit					
Rated heating capacity					Seasonal space heati	ng energy efficiency ηs,h							
	Prated,h	15.5	kW				173.9	%					
Declared heating capacity for part load at indoor temperature 20°C					Declared coefficient o	f performance or gas utilization efficie	ency /						
and outdoor temperature Tj					auxiliary energy factor for part load at given outdoor temperatures Tj								
Tj=-7°C	Pdh	9.0	kW		Tj=-7℃	COPd or GUEh,bin / AEFh,bin	305.0	%					
T _j =+2°C	Pdh	5.6	kW		T _j =+2°C	COPd or	430.0	%					
T _j =+7°C	Pdh	3.7	kW		T _j =+7°C	GUEh,bin / AEFh,bin COPd or	550.0	%					
T _j =+12°C	Pdh	2.9	kW		T _j =+12℃	GUEh,bin / AEFh,bin COPd or	719.0	%					
T _{biv} =bivalent temperature	Pdh	10.5	kW		T _{biv} =bivalent	GUEh,bin / AEFh,bin COPd or	250.0	%					
T _{oL} =operation limit	Pdh	7.9	kW		temperature T _{OL} =operation limit	GUEh,bin / AEFh,bin COPd or	210.0	%					
For air-to-water heat pumps :	Pdh	-	kW		For air-to-water heat	GUEh,bin / AEFh,bin COPd or	-	%					
Tj=-15℃					pumps:T _j =-15°C	GUEh,bin / AEFh,bin							
(if T _{OL} <-20°C)					(if T _{OL} <-20°C)								
Bivalent temperature	T _{biv}	-10.0	℃		For water-to-air heat pumps:Operation limit	t	-	°C					
Degradation					T _{ol} temperature								
coefficient	C_{dh}	0.25	-										
heat pumps**													
Power consumpiton in modes other than 'active	e mode'				Supplementary heater	elbu	-	kW					
Off mode	P _{OFF}	0.007	kW			,		-					
Thermostat-off mode	P _{TO}	0.034	kW		Type of energy input	D	0.007	L/A/					
Crankcase heater mode	Р _{ск}	0.005	kW		Standby mode		0.007	kW					
Other items				-				1					
Capacity control		variable]		For air-to-air heat pun air flow-rate,outdoor n		4380	m3/h					
Sound power level,		70.0			For water-/brine-to-air	heat pumps :]					
outdoor measured	L _{WA}	73.0	dB		Rated brine or water f		-	m3/h					
			4		outdoor side heat exc								
Emissions of nitrogen			mg/kWh					4					
oxides(if applicable)	NOx ***	-	fuel input										
			GCV										
]	1									
GWP of the		675	kg CO _{2eq} (100years)	,									
refrigerant		L											
Contact details Mitsubishi	heavy indust	tries thermal	l systems,L1	rd									
** If Cdh is not determined by measurement the					ners shall be 0,25.								
*** from 26 September 2018													
Where information relates to multi-spilt air cond	ditioners,the	test result a	nd performa	nce data be	obtained on the basis o	of the performance							

of the outdoor unit, with a combination of indoor unit(s) recommended by the manufacturer or importer.