FDE125VNAVH

Model(s): FDC125VNA /	FDE125VI	Н										
Outdoor side heat exchanger of air conditioner : air												
Indoor side heat exchanger of air conditioner : air												
Type: vapour compression												
if applicable : electric motor												
Item	Symbol	Value	Unit	Item	Symbol		Value	Unit				
Rated cooling capacity				Seasonal space cool								
reacouring capacity	Prated,c	12.5	kW	efficiency ηs,c	mig chorgy		238.1	%				
				Cindicitoy 1/5,0								
Declared cooling capacity for part load at gi	roc	Doclared energy office	cionav ratio o	r and utilization official	nov /							
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											
Try and indeed 27 6/13 G(dry/wet bailb)		auxiliary chergy facto	or for part loa	a at given outdoor tem	iperatures	' j						
Tj=+35°C	Pdc	12.5	kW	Tj=+35°C	EERd or			1				
, , , , , , , , , , , , , , , , , , , ,]	1]=+35 C		AFFa bia	281.0	%				
Tj=+30°C	Pdc	9.2	kW	T' . 00°0	GUEc,bin / A	AEFC,DIN						
11,-130 0	1 40	J.2],,,,	Tj=+30°C	EERd or		448.0	%				
Tj=+25°C	Pdc	5.9	kW	T: .05°0	GUEc,bin / A	AEFC,DIN		-				
113-120 0	1 46	3.3	7,744	Tj=+25°C	EERd or		735.0	%				
Tj=+20°C	Pdc	3.4	kW		GUEc,bin / A	AEFc,bin		+				
11j=+20 C	Fuc	3.4	IKVV	Tj=+20°C	EERd or		1,097.0	%				
			7		GUEc,bin / A	AEFc,bin]				
Degradation		0.05										
coefficient for	Cdc	0.25	-									
air conditioners**												
Power consumpiton in other than 'active mo	ode'											
			1			_		1				
Off mode	P_{OFF}	0.008	kW	Crankcase heater mo		P _{CK}	0.008	kW				
Thermostat-off mode	P _{TO}	0.030	kW	Standby mode		P _{SB}	0.008	kW				
Other items							Г	7				
			ا ا	For air-to-air air cond	ditioner:		4,500	m³/h				
Capacity control		variable		air flow-rate,outdoor	measured		·					
		1	-									
Sound power level,	L_WA	71.0	dB									
outdoor	-WA	•										
			_									
If engine driven:			mg/kWh									
Emissions of nitrogen	NOx ***	-	fuel input									
oxides			GCV									
			_									
GWP of the		0.000	kg CO _{2eq}									
refrigerant		2,088	(100years)									
3			-									
Contact details Mitsubish	i heavy indu	stries thern	nal systems.l	.TD								
Contact details Mitsubishi heavy industries thermal systems,LTD ** If Cdc is not determined by measurement then the default degradation coefficient air conditioners shall be 0,25.												
*** from 26 September 2018												
Where information relates to multi-spilt air of	conditioners	the test rec	sult and perfo	rmance data he obtoin	ned on the ha	sis of the performance	<u> </u>					
Transis inionnation relates to multi-spill all t	, or iditiol ici 5	, 1031 103	an and peno	imanoc dala DE Ubialli	iou on the ba	olo ol tile periorillarice	•					

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

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FDE125VNAVH												
Information to identify the model(s) to which	the informa	tion relates	:	FDC125VNA /	FDE125VH							
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 :												
if applicable : electric motor												
Parameters shall be declared for the averag	e heating s	eason , para	ameters for th	he warmer and colder hea	ating seasons are optional.							
Item	Symbol	Value	Unit	Item	Symbol	Value	Unit					
	Symbol	value	OTIII.			value	Offic					
Rated heating capacity	Prated,h	14.0	kW	Seasonal space nealing	g energy efficiency ηs,h	169.1	%					
Declared heating capacity for part load at in- and outdoor temperature Tj		performance or gas utilization of for part load at given outdoor te	-	: Tj								
			_									
T _j =-7°C	Pdh	8.7	kW	T _j =-7°C	COPd or GUEh,bin / AEFh,bin	298.0	%					
T _j =+2°C	Pdh	5.3	kW	T _j =+2°C	COPd or	412.0	%					
T _j =+7°C	Pdh	3.4	kW	T _j =+7°C	GUEh,bin / AEFh,bin COPd or	567.0	%					
T _j =+12°C	Pdh	2.7	kW	T _j =+12°C	GUEh,bin / AEFh,bin COPd or	639.0	%					
T _{biv} =bivalent temperature	Pdh	9.8	kW	T _{biv} =bivalent	GUEh,bin / AEFh,bin COPd or	247.0	%					
T _{OL} =operation limit	Pdh	7.7	kw	temperature T _{OL} =operation limit	GUEh,bin / AEFh,bin COPd or							
			1		GUEh,bin / AEFh,bin	214.0	%					
For air-to-water heat pumps : T _j =-15°C	Pdh		kW	For air-to-water hear pumps:T _j =-15°C	t COPd or GUEh,bin / AEFh,bin	_	%					
(if T _{OL} <-20°C)			,	(if T _{OL} <-20°C)			T					
Bivalent temperature	T _{biv}	-10.0	<u>]</u> ℃	For water-to-air hear pumps:Operation lin		_	°C					
Degradation				T _{ol} temperature								
coefficient	C_{dh}	0.25	-									
heat pumps**												
Power consumpiton in modes other than 'act	Supplementary heat	Cibu	_	kW								
0#	В	0.000	1,,,,	back-up heating cap	pacity]					
Off mode	P _{OFF}	0.008	kW				T					
Thermostat-off mode	P _{TO}	0.043	kW	Type of energy inpu	t P _{SB}	0.008	kW					
Crankcase heater mode	P _{CK}	800.0	kW	Standby mode			l					
Other items							7					
			,	For air-to-air heat pu	umps:	4,380	m ³ /h					
Capacity control		variable]	air flow-rate,outdoor	r measured							
Sound power level,	L_{WA}	71.0	dB	For water-/brine-to-a	air heat pumps :							
outdoor measured	-wa	71.0	ub	Rated brine or water	r fiow-rate,	_	m ³ /h					
			-	outdoor side heat ex	changer							
Emissions of nitrogen			mg/kWh		· ·		•					
oxides(if applicable)	NOx	_	fuel input									
oxides(ii applicable)			GCV									
			1									
GWP of the		2,088	kg CO _{2eq} (100years)									
refrigerant			(100years)									
Contact details Mitsubishi	heavy indu	stries therm	nal systems,L	.TD								
** If Cdh is not determined by measurement	then the de	fault degrad	dation coeffic	cient air conditioners shall	I be 0,25.							
*** 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.												
	. ,		•	•								
						PFA004	Z102-54					