

Inverter Kaset Tipleri

Set model name			FDT71VNV	FDT100VNV	FDT125VNV	FDT140VNV	FDT100VSV	FDT125VSV	FDT140VSV
Indoor name			FDT71V	FDT100V	FDT125V	FDT140V	FDT100V	FDT125V	FDT140V
Outdoor name			FDC71VN	FDC100VN	FDC125VN	FDC140VN	FDC100VS	FDC125VS	FDC140VS
Power source			1Phase 220-240V 50Hz , 1Phase 220V 60Hz				3phase,380-415V 50Hz/380V 60Hz		
Type			Inverter						
Nominal cooling capacity (Min~Max)	ISO-T1 (JIS)	kW	7.1 (3.2~8.0)	10.0 (4.0~11.2)	12.5 (5.0~14.0)	14.0 (5.0~16.0)	10.0 (4.0~11.2)	12.5 (5.0~14.0)	14.0 (5.0~16.0)
Nominal heating capacity (Min~Max)	ISO-T1 (JIS)	kW	8.0 (3.6~9.0)	11.2 (4.0~12.5)	14.0 (4.0~16.0)	16.0 (4.0~18.0)	11.2 (4.0~12.5)	14.0 (4.0~16.0)	16.0 (4.0~18.0)
Input	Cooling/Heating	kW	1.90/2.07	2.76/2.74	4.05/3.77	4.65/4.54	2.76/2.74	4.05/3.77	4.65/4.54
COP	Cooling/Heating		3.74/3.86	3.62/4.09	3.09/3.71	3.01/3.52	3.62/4.09	3.09/3.71	3.01/3.52
Energy label	Cooling/Heating		A/A	A/A	B/A	B/B	A/A	B/A	B/B
Inrush current			5						
Sound level*1	Indoor	dB(A)	Hi:35 Me:33 Lo:31	Hi:40 Me:37 Lo:35	Hi:42 Me:40 Lo:37	Hi:43 Me:41 Lo:38	Hi:40 Me:37 Lo:35	Hi:42 Me:40 Lo:37	Hi:43 Me:41 Lo:38
	Outdoor		48	49	Cooling:50 Heating:51	51	49	Cooling:50 Heating:51	51
Air flow	Indoor	CMM	Hi:21 Me:19 Lo:17	Hi:27 Me:24 Lo:20	Hi:30 Me:27 Lo:23	Hi:30 Me:27 Lo:23	Hi:27 Me:24 Lo:20	Hi:30 Me:27 Lo:23	Hi:30 Me:27 Lo:23
	Outdoor		Cooling:60 Heating:50	Cooling:76 Heating:74	Cooling:75	Heating:73	Cooling:76 Heating:74	Cooling:75	Heating:73
Indoor unit	Exterior dimensions	Height x Width x Depth	mm 246x840x840		298x840x840				
	Panel	Height x Width x Depth	mm 35x950x950						
	Net weight	Unit+Panel	kg 24+5.5		27+5.5				
	Panel+Remote control	T-PSA-36W-E+RCN-T-36W-E, T-PSA-36W-E+RC-E3							
Outdoor unit	Exterior dimensions	Height x Width x Depth	mm 750x880(+88)x340		845x970x370				
	Net weight	kg	60		74				
	Type of compressor	Rotary							
	Ref.control	EEV							
Range of usage	Ref.amount precharged	kg(m)	2.95(30)		3.8(30)				
	Ref.piping size	Liquid/Gas	ø		9.52/15.88				
	Ref.piping length	m	50						
	Vertical height difference	between O/U and I/U	<O/U		30				
Limitations	Air temp.	Cooling	I/U	18~30					
			O/U	-15~43*2					
		Heating	I/U	18~30					
			O/U	-10~24	-15~24				

Inverter Tavan Tipleri

Set model name			FDEN71VNV	FDEN100VNV	FDEN125VNV	FDEN140VNV	FDEN100VSV	FDEN125VSV	FDEN140VSV
Indoor name			FDEN71V	FDEN100V	FDEN125V	FDEN140V	FDEN100V	FDEN125V	FDEN140V
Outdoor name			FDC71VN	FDC100VN	FDC125VN	FDC140VN	FDC100VS	FDC125VS	FDC140VS
Power source			1Phase 220-240V 50HZ , 1Phase 220V 60Hz				3phase,380-415V 50Hz/380V 60Hz		
Type			Inverter						
Nominal cooling capacity (Min~Max)	ISO-T1 (JIS)	kW	7.1 (3.2~8.0)	10.0 (4.0~11.2)	12.5 (5.0~14.0)	14.0 (5.0~16.0)	10.0 (4.0~11.2)	12.5 (5.0~14.0)	14.0 (5.0~16.0)
Nominal heating capacity (Min~Max)	ISO-T1 (JIS)	kW	8.0 (3.6~9.0)	11.2 (4.0~12.5)	14.0 (4.0~16.0)	16.0 (4.0~18.0)	11.2 (4.0~12.5)	14.0 (4.0~16.0)	16.0 (4.0~18.0)
Input	Cooling/Heating	kW	2.01/2.21	2.85/2.97	4.10/3.65	4.95/4.69	2.85/2.97	4.10/3.65	4.95/4.69
COP	Cooling/Heating		3.53/3.62	3.51/3.77	3.05/3.84	2.83/3.41	3.51/3.77	3.05/3.84	2.83/3.41
Energy label	Cooling/Heating		A/A	A/A	B/A	C/B	A/A	B/A	C/B
Inrush current			5						
Sound level*1	Indoor	dB(A)	Hi:41 Me:39 Lo:38	Hi:44 Me:41 Lo:39	Hi:46 Me:44 Lo:43		Hi:44 Me:41 Lo:39	Hi:46 Me:44 Lo:43	
	Outdoor		48	49	Cooling:50 Heating:51	51	49	Cooling:50 Heating:51	51
Air flow	Indoor	CMM	Hi:18 Me:14 Lo:12	Hi:26 Me:23 Lo:21	Hi:29 Me:26 Lo:23		Hi:26 Me:23 Lo:21	Hi:29 Me:26 Lo:23	
	Outdoor		Cooling:60 Heating:50	Cooling:76 Heating:74	Cooling:75 Heating:73		Cooling:76 Heating:74	Cooling:75 Heating:73	
Indoor unit	Exterior dimensions	Height x Width x Depth	mm 210x1,320x690		250x1,620x690				
	Net weight	kg	36		46				
	Remote control	RCN-E1R, RC-E3							
	Exterior dimensions	Height x Width x Depth	mm 750x880(+88)x340		845x970x370				
Outdoor unit	Net weight	kg	60		74				
	Type of compressor	Rotary							
	Ref.control	EEV							
	Ref.amount precharged	kg(m)	2.95(30)		3.8(30)				
Range of usage	Ref.piping size	Liquid/Gas	ø		9.52/15.88				
	Ref.piping length	m	50						
	Vertical height difference	between O/U and I/U	<O/U		30				
	>O/U	15							
Limitations	Air temp.	Cooling	I/U	18~30					
			O/U	-15~43*2					
		Heating	I/U	18~30					
			O/U	-10~24	-15~24				

The data are measured under the following conditions(ISO-T1).

Cooling:Indoor temp. of 27°CDB, 19°CWB, and outdoor temp. of 35°CDB.

Heating:Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

*1 : Indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

*2 : If a cooling operation is conducted when the outdoor air temperature is -5°C or lower, the outdoor unit should be installed at a place where it is not influenced by natural wind. If wind blows, the low pressure will drop and compressor frequency will increase, this will cause the capacity to drop and may cause the unit to break down.