SPECIFICATIONS -FDT-

R32				Micro Inverter		
Set model name				FDT100VNAWVH	FDT125VNAWVH	FDT140VNAWVH
Indoor unit				FDT100VH	FDT125VH	FDT140VH
Outdoor unit				FDC100VNA-W	FDC125VNA-W	FDC140VNA-W
Power source				1 Phase 220-240V, 50Hz / 220V, 60Hz		
Nominal cooling capacity (Min~Max)			kW	10.0 (4.0 ~ 11.2)	12.5 (5.0 ~ 14.0)	13.6 (5.0 ~ 14.5)
Nominal heating capacity (Min~Max)			kW	11.2 (4.0 ~ 12.5)	14.0 (4.0 ~ 16.0)	15.5 (4.0 ~ 16.5)
Power consumption		Cooling/Heating	kW	2.73 / 2.54	4.05 / 3.59	4.79 / 4.18
EER/COP		Cooling/Heating		3.66 / 4.41	3.09 / 3.90	2.84 / 3.71
Inrush current			A	5	5	5
Max. current				24	24	24
Sound power level*1	Indoor	Cooling/Heating	dB(A)	62 / 62	63 / 64	63 / 64
	Outdoor	Cooling/Heating		69 / 70	71 / 71	72 / 73
Sound pressure level*1	Indoor	Cooling (P-Hi/Hi/Me/Lo)		47 / 39 / 36 / 30	48 / 41 / 39 / 31	48 / 42 / 39 / 32
		Heating (P-Hi/Hi/Me/Lo)		47 / 39 / 36 / 29	48 / 41 / 38 / 31	48 / 41 / 38 / 31
	Outdoor	Cooling/Heating		54 / 55	54 / 56	56 / 58
Air flow	Indoor	Cooling (P-Hi/Hi/Me/Lo)	m^3/min	37 / 26 / 23 / 17	38 / 28 / 25 / 18	38 / 29 / 26 / 19
		Heating (P-Hi/Hi/Me/Lo)		37 / 26 / 23 / 17	38 / 28 / 25 / 18	38 / 29 / 26 / 19
	Outdoor	Cooling/Heating		75 / 73	75 / 73	75 / 73
Exterior dimensions	Indoor	HeightxWidthxDepth	mm	Unit: 298 x 840 x 840 Panel: 35 x 950 x 950		
	Outdoor			845 x 970 x 370		
Net weight	Indoor		kg	30(Unit:25 Standard Panel:5)		
	Outdoor			77		
Ref.piping size	Liquid/Gas		ømm	9.52(3/8") / 15.88(5/8")		
Refrigerant line (one way) length			m	Max.50		
Vertical height differences		Outdoor is higher/lower	m	Max.50 / Max.15		
Outdoor operating temperature range		Cooling	°C	-15~50*2		
		Heating		-20~20		
Panel				T-PSA-5AW-E, T-PSAE-5AW-E		
Air filter, Q'ty				Pocket plastic net x 1(Washable)		
Remote control (option)				wired:RC-EX3A, RC-E5, RCH-E3 wireless:RCN-T-5AW-E2		

R32				Micro Inverter		
Set model name				FDT100VSAWVH	FDT125VSAWVH	FDT140VSAWVH
Indoor unit				FDT100VH	FDT125VH	FDT140VH
Outdoor unit				FDC100VSA-W	FDC125VSA-W	FDC140VSA-W
Power source				3 Phase 380-415V, 50Hz / 380V, 60Hz		
Nominal cooling capacity (Min~Max)			kW	10.0 (4.0 ~ 11.2)	12.5 (5.0 ~ 14.0)	13.6 (5.0 ~ 14.5)
Nominal heating capacity (Min~Max)			kW	11.2 (4.0 ~ 12.5)	14.0 (4.0 ~ 16.0)	15.5 (4.0 ~ 16.5)
Power consumption		Cooling/Heating	kW	2.73 / 2.54	4.05 / 3.59	4.79 / 4.18
EER/COP		Cooling/Heating		3.66 / 4.41	3.09 / 3.90	2.84 / 3.71
Inrush current			A	5	5	5
Max. current				15	15	15
Sound power level*1	Indoor	Cooling/Heating	dB(A)	62 / 62	63 / 64	63 / 64
	Outdoor	Cooling/Heating		69 / 70	71 / 71	73 / 73
Sound pressure level*1	Indoor	Cooling (P-Hi/Hi/Me/Lo)		47 / 39 / 36 / 30	48 / 41 / 39 / 31	48 / 42 / 39 / 32
		Heating (P-Hi/Hi/Me/Lo)		47 / 39 / 36 / 29	48 / 41 / 38 / 31	48 / 41 / 38 / 31
	Outdoor	Cooling/Heating		54 / 55	54 / 56	56 / 58
Air flow	Indoor	Cooling (P-Hi/Hi/Me/Lo)	m^3/min	37 / 26 / 23 / 17	38 / 28 / 25 / 18	38 / 29 / 26 / 19
		Heating (P-Hi/Hi/Me/Lo)		37 / 26 / 23 / 17	38 / 28 / 25 / 18	38 / 29 / 26 / 19
	Outdoor	Cooling/Heating		75 / 73	75 / 73	75 / 73
Exterior dimensions	Indoor	HeightxWidthxDepth	mm	Unit: 298 x 840 x 840 Panel: 35 x 950 x 950		
	Outdoor			845 x 970 x 370		
Net weight	Indoor		kg	30(Unit:25 Standard Panel:5)		
	Outdoor			78		
Ref.piping size	Liquid/Gas		ømm	9.52(3/8") / 15.88(5/8")		
Refrigerant line (one way) length			m	Max.50		
Vertical height differences		Outdoor is higher/lower	m	Max.50 / Max.15		
Outdoor operating temperature range		Cooling	°C	-15~50*2		
		Heating		-20~20		
Panel				T-PSA-5AW-E, T-PSAE-5AW-E		
Air filter, Q'ty				Pocket plastic net x 1(Washable)		
Remote control (option)				wired:RC-EX3A, RC-E5, RCH-E3 wireless:RCN-T-5AW-E2		

NOTES:

The data are measured under the following conditions(ISO-T1, H1).
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.
*3 : The values are for one indoor unit operation. (Multi system only)