

PRODUCT SPECIFICATIONS

FDT SERIES



FDT140-140VH

SRC-60Z5XA-W

FDC471NWX-W
FDC4100NWX-W

FDC4100NA-W FDC4100SA-W
FDC4125NWP-W



FDC4125-140NWX-W
FDC4125-100SX-W

Images are for illustration purposes and actual product labels may differ.

CAPACITY		5.6kW	7.1kW	10.0kW	10.0kW	12.1kW	12.5kW	14.0kW	10kW	12.5kW	14.0kW	14.0kW
Set	Indoor	FDT60Z5SAWH	FDT71ANXWH	FDT100ANWH	FDT100ANWH	FDT125ANWH	FDT125ANWH	FDT140ANWH	FDT10ANWH	FDT125ANWH	FDT140ANWH	FDT140ANWH
	Outdoor	SR06Z5SA-W	FDC471NWX	FDT100VH	FDT100VH	FDT125VH	FDT125VH	FDT140VH	FDT100VH	FDT125VH	FDT140VH	FDT140VH
Power Source (Outdoor Unit)												
Nominal Capacity (Range)	Cooling T1	5.6 (1.1-6.3)	7.1 (3.2-8.0)	10.0 (4.0-11.2)	10.0 (4.0-11.2)	12.1 (5.0-12.1)	12.5 (5.5-14.0)	14.0 (5.5-16.0)	10.0 (4.0-11.2)	12.5 (5.5-14.0)	14.0 (5.5-16.0)	14.0 (5.5-16.0)
	Heating H1	6.7 (0.6-6.7)	8.0 (3.6-9.0)	11.2 (4.0-12.5)	11.2 (4.0-12.5)	12.1 (4.0-13.3)	14.0 (2.7-17.0)	16.0 (2.7-18.0)	11.2 (4.0-12.5)	14.0 (2.7-18.0)	16.0 (2.7-20.0)	16.0 (2.7-20.0)
Power Consumption	Cooling T1	6.30	7.40	10.00	7.60	8.50	14.70	15.50	10.00	14.70	15.50	15.50
	Heating H1	1.33	1.69	2.73	2.84	3.69	3.21	3.87	2.73	3.81	3.87	3.87
Maximum Power Consumption	Cooling T1	1.56	1.75	2.54	2.33	3.20	3.72	4.20	2.54	3.72	4.20	4.20
	Heating H1	2.90	4.11	6.40	4.46	7.10	7.10	8.90	10.20	8.90	8.90	8.90
Running Current	Cooling T1	5.9	7.5	13.2	12.1	15.5	14.2	17.0	4.2	6.4	6.2	6.2
	Heating H1	6.9	7.8	12.4	9.9	13.5	15.1	18.3	3.9	6.3	6.3	6.7
Inrush Current, Maximum Current	Cooling T1	5.15	5.19.1	5.24	5.19	5.18	5.27	5.27	5.15	5.14	5.14	5.14
	Heating H1	4.21	4.20	3.66	3.52	3.28	3.69	3.62	3.66	3.89	3.62	3.62
COP	Cooling T1	4.29	4.58	4.41	4.29	3.78	4.08	3.81	4.41	4.08	3.81	3.81
	Heating H1	65	66	69	68	73	68	69	69	68	69	69
Sound Power Level (ISO 38612)	Indoor	P-Hi:44 Hi:34 Me:30 Lo:27	P-Hi:46 Hi:34 Me:31 Lo:26	P-Hi:47 Hi:39 Me:36 Lo:30	P-Hi:47 Hi:39 Me:36 Lo:30	P-Hi:48 Hi:41 Me:39 Lo:31	P-Hi:48 Hi:41 Me:39 Lo:31	P-Hi:48 Hi:42 Me:39 Lo:32	P-Hi:47 Hi:39 Me:36 Lo:30	P-Hi:48 Hi:41 Me:39 Lo:31	P-Hi:48 Hi:42 Me:39 Lo:32	P-Hi:48 Hi:42 Me:39 Lo:32
	Outdoor	53	51	54	56	57	53	54	54	53	54	54
External dimensions (HxWxD)	Indoor	236x640x640	236x640x640	236x640x640	236x640x640	236x640x640	236x640x640	236x640x640	236x640x640	236x640x640	236x640x640	236x640x640
	Outdoor	640x800x710x20	750x800x480x40	845x800x700	845x800x700	845x800x700	845x800x700	845x800x700	845x800x700	845x800x700	845x800x700	845x800x700
Net weight	Indoor	Unit 21 Panel 5	Unit 21 Panel 5	Unit 25 Panel 5	Unit 25 Panel 5	Unit 25 Panel 5	Unit 25 Panel 5	Unit 25 Panel 5	Unit 25 Panel 5	Unit 25 Panel 5	Unit 25 Panel 5	Unit 25 Panel 5
	Outdoor	45	60	77	57	73	97	97	78	99	99	99
Airflow	Cooling (Indoor)	P-Hi:467 Hi:300 Me:250 Lo:200	P-Hi:467 Hi:300 Me:250 Lo:200	P-Hi:467 Hi:300 Me:250 Lo:200	P-Hi:467 Hi:300 Me:250 Lo:200	P-Hi:467 Hi:300 Me:250 Lo:200	P-Hi:467 Hi:300 Me:250 Lo:200	P-Hi:467 Hi:300 Me:250 Lo:200	P-Hi:467 Hi:300 Me:250 Lo:200	P-Hi:467 Hi:300 Me:250 Lo:200	P-Hi:467 Hi:300 Me:250 Lo:200	P-Hi:467 Hi:300 Me:250 Lo:200
	Heating (Indoor)	Me:233 Lo:183	Me:233 Lo:183	Me:233 Lo:183	Me:233 Lo:183	Me:233 Lo:183	Me:233 Lo:183	Me:233 Lo:183	Me:233 Lo:183	Me:233 Lo:183	Me:233 Lo:183	Me:233 Lo:183
Installation	Refrigerant (R32)	kg	1.3	2.75	3.3	1.7	2.25	4.0	3.3	4.0	4.0	4.0
	Pre-Charged to Pipe	m	15	30	15	15	30	30	30	30	30	30
Connection Method	Refrigerant Piping	mm	Ø6.35	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52
	Liquid Line	mm	Ø12.7	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88	Ø15.88
Max Vertical Height Diff. Between O.U. and I.U.	Connection Method											
	Maximum Pipe Length (One Way)	m	30	50	50	30	30	100	50	100	100	100
Controller	Motion Sensor (Optional)											
	Demand Response (AS4715)											
Outdoor air temperature (upper, lower limits)	Cooling	°C	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Heating	°C	-15 to 46	-15 to 50	-15 to 46	-15 to 46	-15 to 50	-15 to 50	-15 to 50	-15 to 50	-15 to 50	-15 to 50
Nominal Capacity (Range)	Cooling T1	kW	2.5 (0.9-3.9)	3.4 (0.9-4.6)	4.25 (0.9-4.6)	4.25 (0.9-4.6)	5.0 (1.1-5.6)	5.6 (1.1-6.3)	5.0 (1.1-5.6)	5.6 (1.1-6.3)	5.6 (1.1-6.3)	5.6 (1.1-6.3)
	Heating H1	kW	3.45	3.45	3.85	3.85	4.80	4.80	4.80	4.80	4.80	4.80
Power Consumption	Cooling T1	kW	0.54 (0.18-0.89)	0.77 (0.18-1.36)	0.91 (0.18-1.37)	0.91 (0.18-1.37)	1.40	1.73	1.40	1.73	1.73	1.73
	Heating H1	kW	1.65	1.65	1.65	1.65	2.90	2.90	2.90	2.90	2.90	2.90
Running Current	Cooling T1	A	2.7	3.6	4.1	4.1	6.2	7.6	6.2	9.4	9.4	9.4
	Heating H1	A	3.6	3.6	3.6	3.6	6.7	9.4	6.7	9.4	9.4	9.4
Inrush Current, Maximum Current	Cooling T1	A	3.6, 9	4.63	4.8	4.8	5.15	5.15	5.15	5.15	5.15	5.15
	Heating H1	A	4.42	4.42	4.42	4.42	3.53	3.53	3.53	3.53	3.53	3.53
Sound Power Level (ISO 38612)	Indoor	dBA	59	59	62	62	63	66	63	66	66	66
	Outdoor	dBA	P-Hi:38 Hi:34 Me:30 Lo:27	P-Hi:38 Hi:34 Me:30 Lo:27	P-Hi:39 Hi:35 Me:32 Lo:29	P-Hi:39 Hi:35 Me:32 Lo:29	P-Hi:44 Hi:40 Me:35 Lo:27	P-Hi:44 Hi:40 Me:35 Lo:27	P-Hi:44 Hi:40 Me:35 Lo:27	P-Hi:44 Hi:40 Me:35 Lo:27	P-Hi:44 Hi:40 Me:35 Lo:27	P-Hi:44 Hi:40 Me:35 Lo:27
External dimensions (HxWxD)	Indoor	mm	248x570x570	248x570x570	248x570x570	248x570x570	248x570x570	248x570x570	248x570x570	248x570x570	248x570x570	248x570x570
	Outdoor	mm	640x800x710x20	640x800x710x20	640x800x710x20	640x800x710x20	640x800x710x20	640x800x710x20	640x800x710x20	640x800x710x20	640x800x710x20	640x800x710x20
Net weight	Indoor	kg	Unit 13.5 Panel 2.5	Unit 13.5 Panel 2.5	Unit 13.5 Panel 2.5	Unit 13.5 Panel 2.5	Unit 13.5 Panel 2.5	Unit 13.5 Panel 2.5	Unit 13.5 Panel 2.5	Unit 13.5 Panel 2.5	Unit 13.5 Panel 2.5	Unit 13.5 Panel 2.5
	Outdoor	kg	34.5	34.5	34.5	34.5	45	45	45	45	45	45
Airflow	Cooling (Indoor)	l/s	P-Hi: 142 Hi: 125 Me: 117 Lo: 100	P-Hi: 142 Hi: 125 Me: 117 Lo: 100	P-Hi: 142 Hi: 125 Me: 117 Lo: 100	P-Hi: 142 Hi: 125 Me: 117 Lo: 100	P-Hi: 142 Hi: 125 Me: 117 Lo: 100	P-Hi: 142 Hi: 125 Me: 117 Lo: 100	P-Hi: 142 Hi: 125 Me: 117 Lo: 100	P-Hi: 142 Hi: 125 Me: 117 Lo: 100	P-Hi: 142 Hi: 125 Me: 117 Lo: 100	P-Hi: 142 Hi: 125 Me: 117 Lo: 100
	Heating (Indoor)	l/s	P-Hi: 175 Hi: 142 Me: 125 Lo: 108	P-Hi: 175 Hi: 142 Me: 125 Lo: 108	P-Hi: 175 Hi: 142 Me: 125 Lo: 108	P-Hi: 175 Hi: 142 Me: 125 Lo: 108	P-Hi: 175 Hi: 142 Me: 125 Lo: 108	P-Hi: 175 Hi: 142 Me: 125 Lo: 108	P-Hi: 175 Hi: 142 Me: 125 Lo: 108	P-Hi: 175 Hi: 142 Me: 125 Lo: 108	P-Hi: 175 Hi: 142 Me: 125 Lo: 108	P-Hi: 175 Hi: 142 Me: 125 Lo: 108
Installation	Refrigerant (R32)	kg	0.78	0.78	0.78	0.78	1.3	1.3	1.3	1.3	1.3	1.3
	Pre-Charged to Pipe	m	15	15	15	15	15	15	15	15	15	15
Connection Method	Refrigerant Piping	mm	Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø6.35	Ø6.35
	Liquid Line	mm	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52	Ø9.52
Max Vertical Height Diff. Between O.U. and I.U.	Connection Method											
	Maximum Pipe Length (One Way)	m	20	20	20	20	30	30	20	30	30	30
Controller	Motion Sensor (Optional)											
	Demand Response (AS4715)											
Outdoor air temperature (upper, lower limits)	Cooling	°C	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Heating	°C	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46	-15 to 46

Item	Indoor Air Temperature		Outdoor Air Temperature	
	DB	WB	DB	WB
Operation	27°C	19°C	35°C	24°C
Cooling	20°C	-	7°C	6°C
Heating				

(1) The data is measured at the conditions mentioned in the table.
(2) The data is measured at the conditions mentioned in the table.
(3) Sound level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.
(4) Select the breaker size according to applicable national standard.
(5) The operation data indicates when the air conditioner is operated at 240V 50Hz.
(6) *Reducer set 09.52 > Ø6.35 is included in the outdoor unit as accessory for FDC4100VNP-W.

PRODUCT SPECIFICATIONS

FDTC SERIES



FDTC25-60VH

SRC25-53Z5A-W



SRC50-40Z5A-W

Images are for illustration purposes and actual product labels may differ.

CAPACITY		2.5kW	3.5kW	5.0kW	5.6kW	
Set	Indoor	FDTC25Z5AWWH1	FDTC35Z5AWWH1	FDTC50Z5AWWH	FDTC60Z5AWWH	
	Outdoor	FDTC25VH1	FDTC35VH1	FDTC50VH	FDTC60VH	
Power Source (Outdoor Unit)		SRC25ZSA-W	SRC35ZSA-W	SRC50ZSA-W	SRC60ZSA-W	
		1 Phase 240V 50Hz				
*Operation Data	Nominal Capacity (Range)	Cooling T1	2.5 (0.9-3.9)	3.5 (0.9-4.3)	5.0 (1.1-5.6)	5.6 (1.1-6.3)
		Heating H1	3.4 (0.9-4.6)	4.25 (0.9-4.6)	5.4 (0.6-6.3)	6.7 (0.6-6.7)
	Power Consumption	Heating H2	3.45	3.95	4.80	5.90
		Cooling T1	0.54 (0.18-0.89)	0.91 (0.18-1.37)	1.40	1.73
	Heating H1	0.77 (0.18-1.36)	1.08 (0.19-1.33)	1.53	2.14	
	Maximum Power Consumption		1.65	1.65	2.90	2.90
		Running Current	2.7	4.1	6.2	7.6
	Inrush Current, Maximum Current	Heating H1	3.6	4.8	6.7	9.4
			3.6, 9	4.8, 9	5, 15	5, 15
	Sound Power Level (JIS C5612)	EER	4.63	3.85	3.58	3.23
COP		4.42	3.94	3.53	3.13	
Indoor		59	62	63	65	
Outdoor		P-Hi:38 Hi:34 Me:30 Lo:27	P-Hi:39 Hi:36 Me:32 Lo:29	P-Hi:44 Hi:40 Me:35 Lo:27	P-Hi:46 Hi:42 Me:38 Lo:31	
External dimensions (HxWxD)		47	50	52	53	
		248x570x570	248x570x570	248x570x570	248x570x570	
Net weight		540x780x450x230	540x780x450x230	640x800x710x290	640x800x710x290	
Airflow	Indoor	Unit 13.5 Panel 2.5	Unit 13.5 Panel 2.5	Unit 14 Panel 2.5	Unit 14 Panel 2.5	
	Outdoor	34.5	34.5	45	45	
	Cooling (Indoor)	P-Hi: 142 Hi: 125 Me: 117 Lo: 100	P-Hi: 150 Hi: 133 Me: 125 Lo: 108	P-Hi: 217 Hi: 183 Me: 150 Lo: 117	P-Hi: 233 Hi: 200 Me: 167 Lo: 133	
	Heating (Indoor)	P-Hi: 175 Hi: 142 Me: 125 Lo: 108	P-Hi: 183 Hi: 150 Me: 133 Lo: 117			
Installation Data	Quantity	0.78	0.78	1.3	1.3	
	Pre-Charged to Pipe	15	15	15	15	
	Liquid Line	Ø6.35	Ø6.35	Ø6.35	Ø6.35	
	Gas Line	Ø8.52	Ø9.52	Ø12.7	Ø12.7	
Connection Method		Flare Connection				
Controller	Maximum Pipe Length (One Way)	20	20	30	30	
	Max Vertical Height Diff. Between O.U. and I.U.	10' (O.U. above I.U.) / 10' (O.U. below I.U.)				
Motion Sensor (Optional)		RC-E5, RC-EX23A, RCH-E3 or RCN-TC-5AW-E2 / RCN-TC-5AW-E3 (Fire Alarm)				
Demand Response (ASHI-55)		LB-TC-3W-E				
Outdoor air temperature (upper, lower limits)	Cooling	Yes	Yes	Yes	Yes	
	Heating	-15 to 46	-15 to 46	-15 to 46	-15 to 46	
		-15 to 24	-15 to 24	-20 to 20	-20 to 20	