## (2) 4-way ceiling cassette type (FDTC)

	Item			FDTC25VH1 Outdoor unit SDC257S W1			
Item Payer and Item				Indoor unit FDTC25VH1 Outdoor unit SRC25ZS-W1  1 Phase, 220 - 240V, 50Hz			
Power source			1.147				
	Nominal cooling capacity (ran	<u> </u>	kW	, ,	.) - 3.2 (Max.))		
Operation data	Nominal heating capacity (ran	ge)	kW	2.9 ( 0.9 (Min.) - 4.0 (Max.))			
	Heating capacity (H2)	To 1:	kW				
	Dawey consumption	Cooling	14/4/	0.61 ( 0.18 - 0.98 ) 0.71 ( 0.19 - 1.31 )			
	Power consumption	Heating	kW	0.71 (0.	19 - 1.31)		
	Heating (H2)						
	Max power consumption			1.65			
	Running current	Cooling	A	3.2 / 3.1 / 3.0 (220/ 230/ 240 V) 3.6 / 3.4 / 3.3 (220/ 230/ 240 V)			
	Lawrence and the second	Heating					
	Inrush current, max current	0 11		,	(230/240V) Max. 9		
	Power factor	Cooling	- %		36		
	FFD	Heating		90			
	EER	Cooling	-				
	COP	Heating	-	4.08			
		Heating (H2)					
	Sound power level	Cooling	-	51	58		
		Heating	-10(4)	52	59		
	Sound pressure level	Cooling	dB(A)	P-Hi: 38 Hi: 34 Me: 30 Lo: 27	47 47		
	Cilent and de complete and a	Heating	-	P-Hi: 39 Hi: 36 Me: 32 Lo: 28	**		
	Silent mode sound pressure le	evel		— — — — — — — — — — — — — — — — — — —	Cooling:41 / Heating:42		
Exterior dime	ensions (Height x Width x Depth	1)	mm	Unit 248 x 570 x 570 Panel 10 x 620 x 620	540 x 780(+62) x 290		
Exterior app	parance			Fine snow	Stucco white		
	color : Munsell, RAL)			(8.0Y 9.3/0.1) near equivalent	(4.2Y 7.5/1.1), (7044)		
Net weight			kg	Unit 13.5 Panel 2.5	31.0		
	type & Quantity		1.5	=	RM-C5077SBE71( Rotary type ) x 1		
	motor (Starting method)		kW	_	0.75 (Inverter driven)		
	oil (Amount, type)		L	_	0.30 ( DIAMOND FREEZE MB75 )		
	(Type, amount, pre-charge lengt	h)	kg	B32 0.62 in outdoor unit (Incl. th	ne amount for the piping of 15m)		
Heat exchan		,	1.19	Louver fins & inner grooved tubing	M fins & inner grooved tubing		
Refrigerant o	<u> </u>				etronic expansion valve		
Fan type & C				Tangential fan x 1	Propeller fan x 1		
	Starting method)		W	50 (Direct line start)	24 x1 (Direct drive)		
r arr motor (c	Starting metrica)	Cooling		P-Hi: 8.5 Hi: 7.5 Me: 7.0 Lo: 6.0	27.4		
Air flow		Heating	m³/min	P-Hi: 9.5 Hi: 8.5 Me: 7.5 Lo: 6.5	27.4		
Available ext	ternal static pressure	Trouting	Pa	0	0		
Outside air ir	<u>'</u>		1 4	Possible			
	ality / Quantity			Pocket plastic net x 1 (Washable)	_		
	ration absorber			Rubber sleeve (for fan motor)	Rubber sleeve (for fan motor & compressor)		
Electric heat					—		
<u>Licoti io ricat</u>	Remote control			(Option) Wired: RC-EX3A RC-E5 F	RCH-E3 Wireless: RCN-TC-5AW-E2		
Operation	Room temperature control			Thermostat by electronics			
control	Operation display						
	operation display			Compressor overheat protect	ction, Overcurrent protection,		
Safety equip	oments				ection, Indoor fan motor error protection,		
				Heating overload protection( High press	ure control), Cooling overload protection		
	Refrigerant piping size (O.D.)		mm	Liquid line: φ6.35 (1/4")	Gas line: φ 9.52 (3/8")		
	Connecting method			Flare connection	Flare connection		
	Attached length of piping		m				
Inotallati	Insulation for piping			Necessary (Both sides), independent			
	Refrigerant line (one way) length		m	Max.20			
	3	Vertical height diff. between O/U and I/U		Max.10 ( Outdoor unit is higher )	/ Max.10 ( Outdoor unit is lower )		
	. , , , ,	/U and I/U	m				
	. , , , ,	)/U and I/U		Hose connectable with VP25 ( O.D.32 )	Hole size φ20 x 2 pcs		
data	Vertical height diff. between C	I/U and I/U	mm	Hose connectable with VP25 (O.D.32)  Built-in drain pump, 850	Hole size φ20 x 2 pcs –		
data Drain pump,	Vertical height diff. between C Drain hose	0/U and I/U		Built-in drain pump, 850	Hole size φ20 x 2 pcs  — 6		
Recommend	Vertical height diff. between C Drain hose max lift height	7/U and I/U	mm	Built-in drain pump, 850	_		
data Drain pump, Recommenc	Vertical height diff. between C Drain hose max lift height ded breaker size ed rotor ampere)		mm A	Built-in drain pump, 850	6		
data Drain pump, Recommenc L.R.A. (Locke	Vertical height diff. between C Drain hose max lift height ded breaker size ed rotor ampere)		mm A	Built-in drain pump, 850	6 220/ 230/ 240V)		
Drain pump, Recommend L.R.A. (Lock Interconnect	Vertical height diff. between C Drain hose max lift height ded breaker size ded rotor ampere) ting wires  Size x Core		mm A	Built-in drain pump, 850  3.7 / 3.6 / 3.4 (  1.5mm² x 4 cores (Including earth cab	- 6 220/ 230/ 240V) ble) / Terminal block (Screw fixing type)		

Notes (1) The data are measured at the following conditions.

The	pipe	length	is	5m.

Item	Indoor air temperature		Outdoor air	temperature	Standards
Operation	DB	WB	DB	WB	Staridards
Cooling	27°C	19°C	35°C	24°C	ISO5151-T1
Heating	20°C	_	7°C	6°C	ISO5151-H1
Heating (H2)	20°C	_	2°C	1°C	ISO5151-H2

<sup>(2)</sup> This air-conditioner is manufactured and tested in conformity with the ISO.

<sup>(3)</sup> Sound level indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.

<sup>(4)</sup> Select the breaker size according to the own national standard.

			Model					
Item				Indoor unit FDTC35VH1 Outdoor unit SRC35ZS-W1				
Power source				1 Phase, 220	- 240V, 50Hz			
	Nominal cooling capacity (range	e)	kW	3.5 ( 0.9 (Min	.) - 4.3 (Max.))			
	Nominal heating capacity (range	e)	kW	4.25 ( 0.9 (Min.) - 4.6 (Max.))				
	Heating capacity (H2)		kW	<del>-</del>				
		Cooling	] ]	0.91 ( 0.18 - 1.37 )				
	Power consumption	Heating	kW	1.15 ( 0.19 - 1.33 )				
		Heating (H2)		=				
	Max power consumption			1.65				
	Running current	Cooling Heating	A	4.4 / 4.3 / 4.1 (220/ 230/ 240 V)				
				5.5 / 5.3 / 5.0 (220/ 230/ 240 V)				
Operation	Inrush current, max current			5.5 / 5.3 / 5.0 (220/ 230/ 240V) Max. 9				
data	Power factor Cooling		%	93				
		Heating		95				
	EER	Cooling		3.85				
	COP	Heating		3.70				
		Heating (H2)			- -			
	Sound power level	Cooling		52	62			
		Heating	ļ <u></u> ļ	53	62			
	Sound pressure level	Cooling	dB(A)	P-Hi: 39 Hi: 36 Me: 32 Lo: 29	50			
		Heating		P-Hi: 41 Hi: 38 Me: 34 Lo: 30	50			
	Silent mode sound pressure lev	el		-	Cooling:45 / Heating:43			
	ensions (Height x Width x Depth)		mm	Unit 248 x 570 x 570 Panel 10 x 620 x 620	540 x 780(+62) x 290			
Exterior app				Fine snow	Stucco white			
` '	color : Munsell, RAL)		1	(8.0Y 9.3/0.1) near equivalent	(4.2Y 7.5/1.1), (7044)			
Net weight	the second of th		kg	Unit 13.5 Panel 2.5	34.5			
	type & Quantity		1.387		RM-B5077SBE2( Rotary type ) x 1			
	motor (Starting method)		kW		0.90 (Inverter driven)			
	oil (Amount, type)		L		0.30 ( DIAMOND FREEZE MB75 )			
	Type, amount, pre-charge length)		kg	,	ne amount for the piping of 15m)			
Heat exchan	<u> </u>			Louver fins & inner grooved tubing	M fins & inner grooved tubing			
Refrigerant o					tronic expansion valve			
Fan type & C	<u> </u>		W	Tangential fan x 1 50 (Direct line start)	Propeller fan x 1			
ran motor (3	Starting method)	Cooling	VV	P-Hi: 9.0 Hi: 8.0 Me: 7.5 Lo: 6.5	24 x1 (Direct drive) 31.5			
Air flow		Cooling Heating	m³/min	P-Hi: 10.0 Hi: 9.0 Me: 8.0 Lo: 7.0	31.5			
Available ovt	ternal static pressure	rieating	Pa	0	0			
Outside air ir	<u> </u>		га	Possible	_			
	ality / Quantity			Pocket plastic net x 1 (Washable)	_			
	ration absorber			Rubber sleeve (for fan motor)	Rubber sleeve (for fan motor & compressor)			
Electric heat				Trubber sleeve (for fair friotor)				
Remote control			(Ontion) Wired: BC-EX3A BC-E5 E	RCH-E3 Wireless: RCN-TC-5AW-E2				
Operation	Room temperature control				by electronics			
control	Operation display			—				
Safety equipments			Compressor overheat protection, Overcurrent protection, Frost protection, Serial signal error protection, Indoor fan motor error protection Heating overload protection( High pressure control ), Cooling overload protectio					
	Refrigerant piping size (O.D.)		mm	Liquid line: φ6.35 (1/4") Gas line: φ 9.52 (3/8")				
Installation	Connecting method			Flare connection Flare connection				
	Attached length of piping		m					
data	Insulation for piping			Necessary (Both sides), independent				
	Refrigerant line (one way) length		m	Max.20				
	Vertical height diff. between O/U and I/U		m	Max.10 ( Outdoor unit is higher ) / Max.10 ( Outdoor unit is lower )				
	Drain hose			Hose connectable with VP25 ( O.D.32 )	Hole size φ20 x 2 pcs			
Drain pump, max lift height		mm	Built-in drain pump, 850 —					
	led breaker size		Α		6			
	ed rotor ampere)		Α		220/ 230/ 240V)			
Interconnect	ing wires Size x Core nu	ımber		, ,	ele) / Terminal block (Screw fixing type)			
IP number				IPX0	IPX4			
Standard accessories					t, Drain hose			
Option parts				O4 TO 040 F0 TO 04F	D-E, Motion sensor: LB-TC-5W-E			

Notes (1) The data are measured at the following conditions.

The pipe length is 5m.

(.)	The pipe length is sin.					
	Item	Indoor air temperature		Outdoor air temperature		Standards
Operation		DB	WB	DB	WB	Stanuarus
Cooling		27°C	19°C	35°C	24°C	ISO5151-T1
Heating		20°C	_	7°C	6°C	ISO5151-H1
Heating (H2)		20°C	_	2°C	1°C	ISO5151-H2

- (2) This air-conditioner is manufactured and tested in conformity with the ISO.
- (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 the own national standard.