

PRODUCT SPECIFICATIONS

WERA™ SERIES

CAPACITY				2.5kW		3.5kW		5.0kW	
Indoor				SRF25ZS-W		SRF35ZS-W		SRF50ZSX-W	
Outdoor				SRC25ZSA-W		SRC35ZSA-W		SRC50ZSXA-W	
Power Source (Outdoor Unit)				1 Phase 240V 50Hz					
*Operation Data	Nominal Capacity (Range)	Cooling T1	kW	2.5 (0.9-3.2)		3.5 (0.9-4.1)		5.0 (1.1-5.6)	
		Heating H1		3.4 (0.9-4.7)		4.5 (0.8-5.2)		6.0 (0.8-7.4)	
	Heating H2	3.45		3.80		5.60			
	Power Consumption	Cooling T1		0.50 (0.17-0.82)		0.82 (0.18-1.33)		1.32 (0.19-1.90)	
		Heating H1		0.74 (0.19-1.29)		1.12 (0.19-1.53)		1.58 (0.19-2.34)	
	Maximum Power Consumption			1.65		1.65		2.90	
	Running Current	Cooling T1	A	2.5		3.7		5.6	
		Heating H1		3.4		4.9		6.6	
	Inrush Current, Maximum Current		3.6, 9.0		5.0, 9.0		5.0, 15.0		
	EER	Cooling T1	dB(A)	5.00		4.27		3.79	
		COP		4.59		4.02		3.80	
	Sound Power Level (JIS C9612)		Outdoor	dB(A)	60		63		63
Sound Pressure Level (JIS C9612)		Indoor	37-32-29-26		40-35-33-29		46-38-33-28		
		Outdoor	46		50		51		
Energy Label (GEMS 2019)		Hot	Stars	★★★★★ (4)		★★★★★ (4)		★★★★★ (3.5)	
				★★★★★ (3.5)		★★★★★ (3)		★★★★★ (3)	
		Average		★★★★★ (3.5)		★★★★★ (3.5)		★★★★★ (3)	
				★★★★★ (3)		★★★★★ (2.5)		★★★★★ (2.5)	
		Cold		★★★★★ (3.5)		★★★★★ (3.5)		★★★★★ (3)	
				★★★★★ (2.5)		★★★★★ (2)		★★★★★ (2)	
External dimensions (HXWXD)		Indoor	mm	600x860x238		600x860x238		600x860x238	
		Outdoor		540x780(+62)x290		540x780(+62)x290		640x800(+71)x290	
Net weight		Indoor	kg	18		19		19	
		Outdoor		34.5		34.5		45	
Airflow		Cooling (Indoor)	l/s	150-126-111-96		153-130-121-106		192-160-123-110	
		Heating (Indoor)		175-136-128-110		178-138-135-123		200-167-157-127	
Installation Data	Refrigerant (Type, Amount, Pre-charge Length)	Quantity	kg	(R32) 0.78		(R32) 0.78		(R32) 1.30	
		Pre-Charged to Pipe	m	15		15		15	
		Refrigerant Piping	Liquid line	mm	Ø6.35 (1/4")		Ø6.35 (1/4")		Ø6.35 (1/4")
	Gas line		Ø9.52 (3/8")		Ø9.52 (3/8")		Ø12.7 (1/2")		
	Connection Method		Flare connection						
	Maximum Pipe Length (One Way)		m	20				30	
Max Vertical Height Diff. Between O.U. and I.U.		10 (O.U. above I.U.) / 10 (O.U. below I.U.)				20 (O.U. above I.U.) / 20 (O.U. below I.U.)			
Standard accessories				Allergen Clear & Photocatalytic Washable Deodorizing Filter					
Optional parts				Interface kit (SC-BIKN2-E) / Wi-Fi Kit					
Demand Response (AS4755)				Yes		Yes		Yes	

* Operation data has been gathered in accordance with AS/NZS 3823 standards. For testing conditions please refer to Page 22.

PRODUCT SPECIFICATIONS

AKARI™ SERIES

CAPACITY				2.5kW		3.5kW		5.0kW		5.6kW			
Indoor				SRR25ZS-W		SRR35ZS-W		SRR50ZS-W		SRR60ZS-W			
Outdoor				SRC25ZSA-W		SRC35ZSA-W		SRC50ZSXA-W		SRC60ZSXA-W			
Power Source (Outdoor Unit)				1 Phase 240V 50Hz									
*Operation Data	Nominal Capacity (Range)	Cooling T1	kW	2.5 (0.9-3.4)		3.5 (0.9-4.1)		5.0 (1.2-6.0)		5.6 (1.2-6.5)			
		Heating H1		3.4 (0.9-5.0)		4.2 (1.0-5.2)		5.4 (1.0-8.2)		6.7 (1.0 -8.6)			
		Heating H2		3.55		4.1		6.0		6.8			
	Power Consumption	Cooling T1	kW	0.56 (0.20-0.90)		0.93 (0.19-1.26)		1.42 (0.22-2.02)		1.70 (0.22-2.57)			
		Heating H1		0.75 (0.20-1.42)		1.01 (0.20-1.45)		1.39 (0.2-2.86)		1.89 (0.2-2.89)			
	Maximum Power Consumption		A	1.65		1.65		2.9		2.9			
	Running Current	Cooling T1		2.7		4.2		6		7.2			
		Heating H1		3.5		4.5		5.9		8			
	Inrush Current, Maximum Current		dB(A)	3.5, 9.0		4.5, 9.0		5.0, 15.0		5.0, 15.0			
	EER	Cooling T1		4.46		3.76		3.52		3.29			
	COP	Heating H1		4.53		4.16		3.88		3.54			
	Sound Power Level (JIS C9612)		Outdoor	dB(A)	59		62		63		65		
Sound Pressure Level (JIS C9612)		Indoor	37-33-30-24		38-34-31-25		41-37-34-29		44-38-35-30				
		Outdoor	47		50		51		52				
Energy Label (GEMS 2019)			Hot	Cooling	Stars	★★★★ (3.5)		★★★★ (3.5)		★★★★ (3)		★★★★ (3)	
				Heating		★★★ (3.5)		★★★ (3)		★★★★ (3.5)		★★★ (3)	
			Average	Cooling		★★★★ (3)		★★★★ (3)		★★★★ (3)		★★★★ (2.5)	
				Heating		★★★ (3)		★★★ (2.5)		★★★ (2.5)		★★★ (2.5)	
			Cold	Cooling		★★★★ (3)		★★★★ (3)		★★★★ (3)		★★★★ (3)	
				Heating		★★★ (2.5)		★★★ (2.5)		★★★ (2)		★★★ (2)	
External dimensions (HXWXD)			Indoor	mm	200x750(+120)x500		200x750(+120)x500		200x950(+120)x500		200x950(+120)x500		
			Outdoor		540x780(+62)x290		540x780(+62)x290		640x800(+71)x290		640x800(+71)x290		
Net weight			Indoor	kg	20.5		20.5		24		24		
			Outdoor		34.5		34.5		45		45		
Airflow			Cooling (Indoor)	l/s	158-133-108-75		167-142-117-83		225-183-167-125		242-192-175-133		
			Heating (Indoor)		167-150-133-100		175-158-142-108		233-208-183-142		250-217-192-150		
Installation Data	Refrigerant (Type, Amount, Pre-charge Length)	Quantity	kg	(R32) 0.78		(R32) 0.78		(R32) 1.3		(R32) 1.3			
		Pre-Charged to Pipe	m	15		15		15		15			
	Refrigerant Piping	Liquid line	mm	Ø6.35		Ø6.35		Ø6.35		Ø6.35			
		Gas line		Ø9.52		Ø9.52		Ø12.7		Ø12.7			
	Connection Method			m	Flare connection								
	Maximum Pipe Length (One Way)				20				30				
Max Vertical Height Diff. Between O.U. and I.U.			10 (O.U. above I.U.) / 10 (O.U. below I.U.)				20 (O.U. above I.U.) / 20 (O.U. below I.U.)						
Standard accessories				Polypropylene net x1									
Optional parts				Interface kit (SC-BIKN2-E) / Wi-Fi Kit									
Demand Response (AS4755)				Yes		Yes		Yes		Yes			

Item	Indoor Air Temperature		Outdoor Air Temperature		Standards
	DB	WB	DB	WB	
Operation					
Cooling	27°C	19°C	35°C	24°C	AS/NZ 3823.2
Heating	20°C	-	7°C	6°C	

- (1) The data is measured at the conditions mentioned in the table to the left.
- (2) The air-conditioner is manufactured and tested in conformity with the AS/NZS.
- (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.

*(1) The data is measured at the following conditions: