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Owned and Designed

VEEC REPS ESC PRC

SPT VALKYRIE
WALL SPLIT SYSTEM
AIR CONDITIONER

Smart PowerTech

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Smart PowerTech

SPECIFICATIONS

Indoor Model			AW028E	AW052E	AW073E
Outdoor Model			AW028C-1	AW052C-1	AW073C-1
Cooling	Rated Capacity	kW	2.80	5.20	7.30
	Capacity Range	kW	(1.2 - 2.9)	(2.1 - 7.2)	(3.2 - 8.0)
	Rated Power Input	kW	0.51	1.21	1.88
	Star Rating ZERL (Residential)	Hot	7.0	4.5	4.0
		Mixed	6.5	4.5	3.5
		Cold	7.0	4.5	4.0
	TCSPF (Hot / Mix / Cold)		8.72 / 8.15 / 8.55	6.36 / 6.03 / 6.29	5.66 / 5.44 / 5.69
	AEER	W/W	5.45	4.29	3.88
	EER	W/W	5.49	4.30	3.88
Heating	Rated Capacity	kW	2.85	5.60	8.10
	Capacity Range	kW	(1.0 - 3.0)	(2.5 - 7.8)	(2.3 - 8.8)
	Rated Power Input	kW	0.51	1.27	1.97
	Star Rating ZERL (Residential)	Hot	4.5	3.5	3.0
		Mixed	4.0	3.0	2.5
		Cold	3.5	2.0	2.0
	HSPF (Hot / Mix / Cold)		6.14 / 5.67 / 5.24	5.07 / 4.54 / 3.91	5.00 / 4.43 / 3.95
	ACOP	W/W	5.55	4.40	4.10
	COP	W/W	5.59	4.41	4.11
Indoor Fan Speeds			5 steps, Turbo, High, Medium, Low and Silent		
Indoor air flow (T/H/M/L)		l/s	175 / 138 / 100 / 83	264 / 222 / 167 / 138	382 / 335 / 235 / 186
Power supply			1 Phase, 220-240V, 50Hz		
Max. current		A	10.5	15.5	17.5
Max. input consumption		kW	2.30	3.60	4.05
Connection wiring		mm²	1.0x4	1.5x4	1.5x4
Indoor unit	Dimension (W*D*H)	mm	802 x 200 x 295	971 x 228 x 321	1082 x 234 x 337
	Packing (W*D*H)	mm	875 x 285 x 380	1045 x 305 x 405	1155 x 415 x 315
	Net / Gross weight	Kg	8.5 / 11.1	11.1 / 14.4	13.5 / 17.1
	Sound Pressure (T/H/M/L)	dB(A)	37 / 31 / 29 / 24	44.5 / 38 / 34.5 / 28	50 / 42 / 26.5 / 20.5
	Sound Power	dB(A)	55	57	63
Outdoor unit	Dimension (W*D*H)	mm	805 x 330 x 554	890 x 342 x 673	890 x 342 x 673
	Packing (W*D*H)	mm	915 x 370 x 615	995 x 398 x 740	995 x 398 x 740
	Net / Gross weight	Kg	32.2 / 34.9	38.3 / 41.4	42.4 / 46.7
	Sound Pressure	dB(A)	54	59.5	60.5
	Sound Power	dB(A)	57	65	65
Refrigerant	Type		R32		
	Pre-charged for 15m pipe run	Kg	0.10	1.26	1.40
	Design pressure	MPa	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
	Pipe size Liquid / Gas	mm (inch)	6.35 (1/4) / 9.52 (3/8)	6.35 (1/4) / 12.7 (1/2)	6.35 (1/4) / 15.9 (5/8)
	Max. pipe length	m	25	30	50
	Min. pipe length	m	3	3	3
	Max. level difference	m	10	20	25
Outdoor Operating Range	Cool	˚C	0 to 50	0 to 50	0 to 50
	Heat	˚C	-15 to 24	-15 to 24	-15 to 24
Application area based on Cooling		m²	9 to 20	20 to 35	35 to 53

CERTIFICATES 1ST OF FEB 2024

Model	AW028E						AW052E						AW073E					
Description	2.8kW Wall Split System						5.2kW Wall Split System						7.3kW Wall Split System					
NSW Zones	Z2	Z4	Z5	Z6	Z7	Z8	Z2	Z4	Z5	Z6	Z7	Z8	Z2	Z4	Z5	Z6	Z7	Z8
Residential Certificates																		
ESC - D16 New	7	7	7	7	14	14	15	15	14	14	26	26	20	20	20	20	38	38
PRC - New	55	119	63	120	106	63	88	189	100	191	168	101	84	180	95	182	161	96
ESC - D16 Rep	8	8	8	8	15	15	17	17	16	16	30	30	23	23	23	23	43	43
PRC - Rep	72	154	81	156	138	82	122	263	139	266	235	140	133	285	151	288	255	152
Commercial Certificates																		
ESC - F4 New	7	7	7	7	7	7	13	13	13	13	14	14	17	17	17	17	18	18
PRC - New	46	99	52	100	88	53	73	157	83	159	140	84	70	150	79	152	134	80
ESC - F4 Rep	8	8	8	8	8	8	15	15	15	15	16	16	20	20	20	20	21	21
PRC - Rep	60	128	68	130	115	68	102	219	116	222	196	117	110	238	125	240	212	127

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VIC Scenarios	i	iii	vi	vii	ix	xi	i	iii	vi	vii	ix	xi	i	iii	vi	vii	ix	xi
Residential Certificates																		
Metro Mixed	17	24	4	13	8	2	15	44	5	22	14	2	15	64	7	32	20	3
Metro Cold	18	26	5	14	9	3	17	48	5	24	15	2	17	70	8	35	22	4
Regional Mixed	17	24	4	13	8	2	15	44	5	22	14	2	15	64	7	32	20	3
Regional Cold	18	26	5	14	9	3	17	48	5	24	15	2	17	70	8	35	22	4
Commercial Certificates																		
Metro Mixed	6	9	3	5	3	1	5	16	5	8	5	1	5	23	7	12	8	2
Metro Cold	7	9	3	5	3	1	6	17	5	9	6	1	6	25	7	13	8	2
Regional Mixed	6	9	3	5	3	1	5	16	5	8	5	1	5	23	7	12	8	2
Regional Cold	7	9	3	5	3	1	6	17	5	9	6	1	6	25	7	13	8	2

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