

Indoor Unit: High Static Pressure Adaptive Ducted

Specifications of R32 Deluxe Model



Capacity		6.6kW		9.5kW		12.1kW		13.4kW	
Model Name	Indoor Unit	S-6071PF3E		S-1014PF3E		S-1014PF3E		S-1014PF3E	
	Outdoor Unit	U-71PZH3R5		U-100PZH3R5		U-100PZH3R8		U-125PZH3R8	
Cooling capacity	kW	6.8 (2.2 - 7.8)		9.5 (3.1 - 11.4)		12.1 (3.2 - 13.6)		13.4 (3.3 - 15.3)	
		7.5 (2.0 - 9.0)		10.8 (3.1 - 13.5)		13.5 (3.2 - 15.4)		15.5 (3.3 - 17.4)	
Heating capacity	BTU/h	23,200 (7,500 - 26,600)		32,400 (10,600 - 38,900)		41,300 (10,900 - 46,400)		45,700 (11,300 - 52,200)	
		25,900 (6,800 - 30,700)		36,900 (10,600 - 46,100)		46,100 (10,900 - 52,500)		52,900 (11,300 - 59,400)	
EER / COP	W/W	3.74 / 4.03		4.17 / 3.97		3.58 / 3.46		3.38 / 3.44	
COP@H2 condition	W/W	2.96		2.90		2.60		2.68	
Total power input	kW	1.82 / 1.86		2.28 / 2.72		3.38 / 3.90		3.96 / 4.51	
		5.40 / 5.49		5.93 / 5.67		5.37 / 5.32		4.98 / 4.97	
TCSPF / HSPF	Residential	Average Climate		4.75 / 4.67		4.86 / 4.32		4.55 / 4.15	
		Cold Climate		4.82 / 4.13		5.29 / 4.21		4.72 / 3.65	
		Hot Climate		6.02 / 5.54		6.59 / 5.61		5.95 / 5.44	
		Average Climate		6.25 / 5.08		6.75 / 5.13		6.30 / 4.87	
TCSPF / HSPF	Commercial	Average Climate		6.25 / 5.08		6.75 / 5.13		6.30 / 4.87	
		Cold Climate		6.76 / 4.56		7.28 / 4.65		7.88 / 4.31	
		Hot Climate		4.75 / 4.67		5.21 / 4.70		4.86 / 4.32	
		Average Climate		4.82 / 4.13		5.29 / 4.21		5.03 / 3.79	
Indoor Unit	Phase/Hz	1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz	
		230V 240V		230V 240V		230V 240V		230V 240V	
Dimension	H x W x D	Indoor		Indoor		Indoor		Indoor	
		mm		mm		mm		mm	
Net weight	kg	30		39		39		39	
		L/s		350 / 317 / 250 / 350 / 317 / 250		534 / 434 / 350 / 534 / 434 / 350		567 / 484 / 384 / 567 / 484 / 384	
External static pressure	Pa	30 (10 - 150)		40 (10 - 150)		50 (10 - 150)		50 (10 - 150)	
		Cooling / Heating		Cooling / Heating		Cooling / Heating		Cooling / Heating	
Sound pressure level (H/M/L)	dB(A)	30 / 26 / 23		33 / 29 / 25		35 / 31 / 27		39 / 35 / 29	
		30 / 26 / 23		33 / 29 / 25		35 / 31 / 27		39 / 35 / 29	
Sound power level (H/M/L)	dB	53 / 49 / 46		56 / 52 / 48		58 / 54 / 50		62 / 58 / 52	
		53 / 49 / 46		56 / 52 / 48		58 / 54 / 50		62 / 58 / 52	
Number of fan speeds	m	5		5		5		5	
		VP-20		VP-20		VP-20		VP-20	
Outdoor Unit	Phase/Hz	1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz	
		230V 240V		230V 240V		230V 240V		230V 240V	
Current (rated)	Cooling / Heating	A		A		A		A	
		8.60 / 8.60 8.25 / 8.35		10.8 / 12.7 10.3 / 12.2		13.6 / 15.1 15.1 / 17.5		18.7 / 21.1 17.9 / 20.2	
Dimensions	H x W x D	mm		mm		mm		mm	
		996 x 940 x 340		1,416 x 940 x 340		1,416 x 940 x 340		1,416 x 940 x 340	
Net weight	kg	66		99		99		99	
		L/s		1,018 / 1,002		1,970 / 1,803		2,087 / 1,870	
Sound pressure level (Silent mode)	dB(A)	48 (46) / 50 (48)		52 (50) / 52 (50)		53 (51) / 53 (51)		54 (52) / 54 (52)	
		64 (62) / 66 (64)		68 (66) / 68 (66)		69 (67) / 69 (67)		70 (68) / 70 (68)	
Piping connections	Liquid / Gas	mm		mm		mm		mm	
		Ø9.52 / Ø15.88		Ø9.52 / Ø15.88		Ø9.52 / Ø15.88		Ø9.52 / Ø15.88	
Pipe length range	min. - max.	m		m		m		m	
		5 - 50		5 - 85		5 - 85		5 - 85	
Elevation difference (OU located lower, OU located higher)	m	15, 30		15, 30		15, 30		15, 30	
		30		30		30		30	
Maximum chargeless length	m	30		30		30		30	
		R32 1,950 / 45 (g/m)		R32 3,050 / 45 (g/m)		R32 3,050 / 45 (g/m)		R32 3,050 / 45 (g/m)	
Refrigerant at shipping, Additional gas amount	g	R32 1,950 / 45 (g/m)		R32 3,050 / 45 (g/m)		R32 3,050 / 45 (g/m)		R32 3,050 / 45 (g/m)	
		-15 to 48 : -20 to 24		-15 to 48 : -20 to 24		-15 to 48 : -20 to 24		-15 to 48 : -20 to 24	
Operating ranges	Cooling / Heating	°C		°C		°C		°C	
		-15 to 48 : -20 to 24		-15 to 48 : -20 to 24		-15 to 48 : -20 to 24		-15 to 48 : -20 to 24	

Notes:

- In the case of standard installation (Horizontal installation in the ceiling, rear side air intake)
- In the case of remote X OFF
- In case it is necessary to indicate the air flow volume in (l/s), the value in (m³/min) shall be multiplied by 16.7 and rounded down the decimal point.
- AER and ACOF classification is at 230V(400V) only in accordance with GEMS2019.
- TCSPF, HSPF and Total Energy consumption indicate the value of average temperature zone.
- Indoor and outdoor sound levels are determined in an anechoic chamber and may differ once the unit is installed due to ambient conditions
- H : High at setting 5 stage (Level 5), M : Middle at setting 5 stage (Level 3), L : Low at setting 5 stage (Level 1) Noise of L is indicated by the values at FAN mode.

*For piping connection for 6.6kW unit, connect the gas socket tube (Ø12.7-Ø15.88) to the liquid tubing side indoor unit and connect the liquid socket tube (Ø6.35-Ø9.52) to the liquid tubing side indoor unit.
 *For piping connection for 7.1kW unit, connect the liquid socket tube (Ø6.35-Ø9.52) to the liquid tubing side indoor unit.

Specifications of R32 Compact Model



Capacity		3.4kW		4.6kW		5.7kW		6.8kW		9.5kW		12.1kW		13.4kW	
Model Name	Indoor Unit	S-3850PF3E		S-3850PF3E		S-6071PF3E		S-6071PF3E		S-1014PF3E		S-1014PF3E		S-1014PF3E	
	Outdoor Unit	U-36PZ3R5		U-60PZ3R5		U-71PZ3R5		U-71PZ3R5		U-100PZ3R5		U-100PZ3R8		U-140PZ3R8	
Cooling capacity	kW	3.4 (1.3 - 4.0)		4.6 (1.5 - 5.3)		5.7 (2.0 - 6.3)		6.8 (2.6 - 7.7)		9.5 (3.0 - 11.4)		12.1 (3.2 - 13.5)		13.4 (3.3 - 15.0)	
		3.6 (1.3 - 4.6)		5.0 (1.5 - 5.9)		6.8 (2.1 - 8.1)		9.5 (3.0 - 13.5)		12.1 (3.0 - 13.5)		14.4 (3.4 - 16.0)		13.4 (3.4 - 16.0)	
Heating capacity	BTU/h	11,600 (4,400 - 13,600)		15,700 (5,100 - 18,100)		19,400 (6,800 - 21,500)		23,200 (8,900 - 26,300)		32,400 (10,200 - 38,900)		41,300 (10,900 - 46,100)		45,700 (11,300 - 51,200)	
		12,300 (4,400 - 15,700)		17,100 (5,100 - 20,100)		22,200 (7,200 - 23,900)		27,000 (8,200 - 27,000)		34,200 (10,200 - 46,100)		41,300 (10,200 - 46,100)		45,700 (11,600 - 54,600)	
EER / COP	W/W	3.78 / 4.29		3.19 / 3.62		3.54 / 4.04		3.18 / 4.00		3.57 / 4.09		3.40 / 3.56		3.16 / 3.76	
COP@H2 condition	W/W	3.09		3.33		2.84		2.84		2.88		2.82		2.73	
Total power input	kW	0.900 / 0.840		1.44 / 1.38		1.61 / 1.41		2.14 / 1.70		2.66 / 2.32		3.56 / 3.40		4.24 / 3.56	
		5.11 / 5.05		4.57 / 5.09		5.19 / 5.76		5.24 / 5.26		5.24 / 5.04		4.90 / 5.01		4.75 / 4.93	
TCSPF / HSPF	Residential	Average Climate		4.36 / 4.57		4.29 / 4.31		4.42 / 4.42		4.52 / 4.52		4.42 / 4.21		4.33 / 4.18	
		Cold Climate		4.38 / 4.06		4.29 / 3.79		4.42 / 4.13		4.62 / 4.06		4.52 / 3.68		4.47 / 3.63	
		Hot Climate		5.77 / 5.01		5.22 / 5.13		5.69 / 5.77		5.01 / 5.33		5.87 / 4.99		5.40 / 5.06	
		Average Climate		5.84 / 4.72		5.96 / 4.69		6.00 / 5.23		5.53 / 4.86		5.91 / 4.68		5.81 / 4.60	
TCSPF / HSPF	Commercial	Average Climate		6.41 / 4.31		6.69 / 4.19		6.54 / 4.60		6.11 / 4.27		6.49 / 4.31		6.36 / 4.10	
		Cold Climate		6.41 / 4.31		6.69 / 4.19		6.54 / 4.60		6.11 / 4.27		6.49 / 4.31		6.36 / 4.10	
		Hot Climate		4.75 / 4.67		5.21 / 4.70		4.86 / 4.32		4.86 / 4.32		4.86 / 4.32		4.86 / 4.32	
		Average Climate		4.82 / 4.13		5.29 / 4.21		5.03 / 3.79		5.03 / 3.79		5.03 / 3.79		5.03 / 3.79	
Indoor Unit	Phase/Hz	1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz	
		230V 240V		230V 240V		230V 240V		230V 240V		230V 240V		230V 240V		230V 240V	
Dimension	H x W x D	Indoor		Indoor		Indoor		Indoor		Indoor		Indoor		Indoor	
		mm		mm		mm		mm		mm		mm		mm	
Net weight	kg	25		25		30		30		39		39		39	
		L/s		233 / 217 / 167 / 233 / 217 / 167		267 / 250 / 200 / 267 / 250 / 200		350 / 317 / 250 / 350 / 317 / 250		350 / 317 / 250 / 350 / 317 / 250		534 / 434 / 350 / 534 / 434 / 350		567 / 484 / 384 / 567 / 484 / 384	
External static pressure	Pa	30 (10 - 150)		40 (10 - 150)		50 (10 - 150)		50 (10 - 150)		50 (10 - 150)		50 (10 - 150)		50 (10 - 150)	
		Cooling / Heating		Cooling / Heating		Cooling / Heating		Cooling / Heating		Cooling / Heating		Cooling / Heating		Cooling / Heating	
Sound pressure level (H/M/L)	dB(A)	30 / 27 / 22		34 / 30 / 25		30 / 26 / 23		30 / 26 / 23		35 / 31 / 27		35 / 31 / 27		39 / 35 / 29	
		30 / 27 / 22		34 / 30 / 25		30 / 26 / 23		30 / 26 / 23		35 / 31 / 27		35 / 31 / 27		39 / 35 / 29	
Sound power level (H/M/L)	dB	53 / 50 / 45		53 / 50 / 45		53 / 49 / 46		53 / 49 / 46		56 / 52 / 48		56 / 52 / 48		62 / 58 / 52	
		53 / 50 / 45		53 / 50 / 45		53 / 49 / 46		53 / 49 / 46		56 / 52 / 48		56 / 52 / 48		62 / 58 / 52	
Number of fan speeds	m	5		5		5		5		5		5		5	
		VP-20		VP-20		VP-20		VP-20		VP-20		VP-20		VP-20	
Outdoor Unit	Phase/Hz	1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz		1 Phase / 50Hz	
		230V 240V		230V 240V		230V 240V		230V 240V		230V 240V		230V 240V		230V 240V	
Current (rated)	Cooling / Heating	A		A		A		A		A		A		A	
		4.00 / 3.80 3.85 / 3.55		6.40 / 6.20 6.10 / 5.95		7.15 / 6.25 6.85 / 6.00		9.50 / 7.55 9.10 / 7.25		12.7 / 11.1 10.2 / 10.6		16.5 / 15.7 15.8 / 15.1		19.6 / 16.5 18.8 / 15.8	
Dimensions	H x W x D	mm		mm		mm		mm		mm		mm		mm	
		619 x 824 x 299		696 x 824 x 299		696 x 875 x 320		696 x 875 x 320		996 x 980 x 370		996 x 980 x 370		996 x 980 x 370	
Net weight	kg	31		35		43		43		57		57		57	
		L/s		361 / 367		546 / 532		701 / 701		746 / 766		1,219 / 1,219		1,369 / 1,369	
Sound pressure level (Silent mode)	dB(A)	48 (46) / 49 (47)		48 (46) / 49 (47)		48 (46) / 49 (47)		49 (47) / 49 (47)		52 (50) / 52 (50)		55 (53) / 55 (53)		56 (54) / 56 (54)	
		56 (54) / 67 (65)		66 (64) / 67 (65)		66 (64) / 67 (65)		66 (64) / 67 (65)		70 (68) / 70 (68)		73 (71) / 73 (71)		74 (72) / 74 (72)	
Piping connections	Liquid / Gas	mm		mm		mm		mm		mm		mm		mm	
		Ø6.35 / Ø12.7		Ø6.35 / Ø12.7		Ø6.35 / Ø12.7		Ø6.35 / Ø12.7		Ø9.52 / Ø15.88		Ø9.52 / Ø15.88		Ø9.52 / Ø15.88	
Pipe length range	min. - max.	m		m		m		m		m		m		m	
		3 - 20		3 - 30		3 - 40		3 - 40		5 - 50</					