



Energy Class



Inverter



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Refrigerant Gas



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### OUTDOOR UNIT SPLIT SHPAO6RP24

Power supply		V/Ph/Hz	220-240/1/50	
Heating <sup>2</sup>	Capacity	kW	6.20	
	Rated input	kW	1.24	
	COP		5.00	
Heating <sup>3</sup>	Capacity	kW	6.00	
	Rated input	kW	2.00	
	COP		3.00	
Cooling <sup>4</sup>	Capacity	kW	6.55	
	Rated input	kW	1.34	
	EER		4.90	
Cooling <sup>5</sup>	Capacity	kW	7.00	
	Rated input	kW	2.33	
	EER		3.00	
Seasonal space heating energy class <sup>5</sup>	LWT at 35 °C		A+++	
	LWT at 55 °C		A++	
SCOP <sup>6</sup>	LWT at 35 °C		4.95	
	LWT at 55 °C		3.52	
SEER <sup>6</sup>	LWT at 7 °C		5.34	
	LWT at 18 °C		8.21	
Sound power level <sup>7</sup>		dB(A)	58	
Dimensions (WxHxD)		mm	1007x712x426	
Net/gross weight		kg	58/64	
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	Flaring / ø 6.35
	Gas	Type/Dia.(OD)	mm	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 to 30
	Installation height		m	20/20
Refrigerant	Type / Charged volume	kg	R32/1.50	
Expansion valve			Electronic	
Operating temperature range	Cooling	°C	-5 to 43	
	Heating	°C	-25 to 35	
	DHW	°C	-25 to 43	

### INDOOR UNIT SHPAI60RP24

Power supply		V/Ph/Hz	220-240/1/50	
Sound power level <sup>7</sup>		dB(A)	38	
Dimensions (WxHxD)		mm	420x790x270	
Net/gross weight		kg	37/43	
Water circuit	Piping connections		inch	1"
	Safety valve		MPa	0.3
	Drainage pipe Dia.		mm	ø 25
	Expansion tank	Volume	L	8.0
	Water side heat exchanger	Type		Plate
	Water pump head		m	9.0
LWT range	Cooling	°C	5 to 25	
	Heating	°C	25 to 65	
	DHW	°C	40 to 60	
Backup electric heater /auxiliary	Optional	kW	3.0	

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



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Refrigerant Gas



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### OUTDOOR UNIT SPLIT

### SHPAO8RP24

Power supply		V/Ph/Hz	220-240/1/50	
Heating <sup>2</sup>	Capacity	kW	8.30	
	Rated input	kW	1.60	
	COP		5.20	
Heating <sup>3</sup>	Capacity	kW	7.50	
	Rated input	kW	2.36	
	COP		3.18	
Cooling <sup>4</sup>	Capacity	kW	8.40	
	Rated input	kW	1.66	
	EER		5.05	
Cooling <sup>5</sup>	Capacity	kW	7.40	
	Rated input	kW	2.19	
	EER		3.38	
Seasonal space heating energy class <sup>5</sup>	LWT at 35 °C		A+++	
	LWT at 55 °C		A++	
SCOP <sup>6</sup>	LWT at 35 °C		5.21	
	LWT at 55 °C		3.36	
SEER <sup>6</sup>	LWT at 7 °C		5.83	
	LWT at 18 °C		8.95	
Sound power level <sup>7</sup>		dB(A)	59	
Dimensions (WxHxD)		mm	1118x864x523	
Net/gross weight		kg	77/88	
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	Flaring / ø 9.52
	Gas	Type/Dia.(OD)	mm	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 to 30
	Installation height		OUTDOOR UNIT (upside downside)	m
Refrigerant	Type / Charged volume	kg	R32/1.65	
Expansion valve			Electronic	
Operating temperature range	Cooling	°C	-5 to 43	
	Heating	°C	-25 to 35	
	DHW	°C	-25 to 43	

### INDOOR UNIT

### SHPAI100RP24

Power supply		V/Ph/Hz	220-240/1/50	
Sound power level <sup>7</sup>		dB(A)	42	
Dimensions (WxHxD)		mm	420x790x270	
Net/gross weight		kg	37/43	
Water circuit	Piping connections		inch	1"
	Safety valve		MPa	0.3
	Drainage pipe Dia.		mm	ø 25
	Expansion tank	Volume	L	8.0
	Water side heat exchanger	Type		Plate
	Water pump head		m	9.0
LWT range	Cooling	°C	5 to 25	
	Heating	°C	25 to 65	
	DHW	°C	40 to 60	
Backup electric heater /auxiliary	Optional	kW	3.0	

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



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**OUTDOOR UNIT SPLIT** **SHPAO10RP24**

Power supply		V/Ph/Hz	220-240/1/50	
Heating <sup>2</sup>	Capacity	kW	10.0	
	Rated input	kW	2.00	
	COP		5.00	
Heating <sup>3</sup>	Capacity	kW	9.50	
	Rated input	kW	3.06	
	COP		3.10	
Cooling <sup>4</sup>	Capacity	kW	10.0	
	Rated input	kW	2.08	
	EER		4.80	
Cooling <sup>5</sup>	Capacity	kW	8.20	
	Rated input	kW	2.48	
	EER		3.30	
Seasonal space heating energy class <sup>5</sup>	LWT at 35 °C		A+++	
	LWT at 55 °C		A++	
SCOP <sup>6</sup>	LWT at 35 °C		5.19	
	LWT at 55 °C		3.49	
SEER <sup>6</sup>	LWT at 7 °C		5.98	
	LWT at 18 °C		8.78	
Sound power level <sup>7</sup>		dB(A)	60	
Dimensions (WxHxD)		mm	1118x864x523	
Net/gross weight		kg	77/88	
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	
	Gas	Type/Dia.(OD)	mm	
	Piping lenght (min - max)		m	2 to 30
	Installation height		OUTDOOR UNIT (upside downside)	m
Refrigerant	Type / Charged volume	kg	R32/1.65	
Expansion valve			Electronic	
Operating temperature range	Cooling	°C	-5 to 43	
	Heating	°C	-25 to 35	
	DHW	°C	-25 to 43	

**INDOOR UNIT** **SHPAI100RP24**

Power supply		V/Ph/Hz	220-240/1/50
Sound power level <sup>7</sup>		dB(A)	42
Dimensions (WxHxD)		mm	420x790x270
Net/gross weight		kg	37/43
Water circuit	Piping connections		inch
	Safety valve		MPa
	Drainage pipe Dia.		mm
	Expansion tank	Volume	L
	Water side heat exchanger	Type	Plate
	Water pump head		m
LWT range	Cooling	°C	5 to 25
	Heating	°C	25 to 65
	DHW	°C	40 to 60
Backup electric heater /auxiliary	Optional	kW	3.0

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



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### OUTDOOR UNIT SPLIT SHPAO12RP24

Power supply		V/Ph/Hz	220-240/1/50	
Heating <sup>2</sup>	Capacity	kW	12.1	
	Rated input	kW	2.44	
	COP		4.95	
Heating <sup>3</sup>	Capacity	kW	12.0	
	Rated input	kW	3.87	
	COP		3.10	
Cooling <sup>4</sup>	Capacity	kW	12.0	
	Rated input	kW	3.00	
	EER		4.00	
Cooling <sup>5</sup>	Capacity	kW	11.6	
	Rated input	kW	4.22	
	EER		2.75	
Seasonal space heating energy class <sup>5</sup>	LWT at 35 °C		A+++	
	LWT at 55 °C		A++	
SCOP <sup>6</sup>	LWT at 35 °C		4.81	
	LWT at 55 °C		3.45	
SEER <sup>6</sup>	LWT at 7 °C		4.89	
	LWT at 18 °C		7.1	
Sound power level <sup>7</sup>		dB(A)	64	
Dimensions (WxHxD)		mm	1118x864x523	
Net/gross weight		kg	96/110	
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	Flaring / ø 9.52
	Gas	Type/Dia.(OD)	mm	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 to 30
	Installation height		m	20/20
Refrigerant	Type / Charged volume	kg	R32/1.84	
Expansion valve			Electronic	
Operating temperature range	Cooling	°C	-5 to 43	
	Heating	°C	-25 to 35	
	DHW	°C	-25 to 43	

### INDOOR UNIT SHPAI160RP24

Power supply		V/Ph/Hz	220-240/1/50	
Sound power level <sup>7</sup>		dB(A)	43	
Dimensions (WxHxD)		mm	420x790x270	
Net/gross weight		kg	39/45	
Water circuit	Piping connections		inch	1"
	Safety valve		MPa	0.3
	Drainage pipe Dia.		mm	ø 25
	Expansion tank	Volume	L	8.0
	Water side heat exchanger	Type		Plate
	Water pump head		m	9.0
LWT range	Cooling	°C	5 to 25	
	Heating	°C	25 to 65	
	DHW	°C	40 to 60	
Backup electric heater /auxiliary	Optional	kW	3.0	

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



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OUTDOOR UNIT SPLIT			SHPAO14RP24	
Power supply			V/Ph/Hz	220-240/1/50
Heating <sup>2</sup>	Capacity		kW	14.5
	Rated input		kW	3.09
	COP			4.70
Heating <sup>3</sup>	Capacity		kW	13.8
	Rated input		kW	4.60
	COP			3.00
Cooling <sup>4</sup>	Capacity		kW	13.50
	Rated input		kW	3.75
	EER			3.60
Cooling <sup>5</sup>	Capacity		kW	12.7
	Rated input		kW	4.98
	EER			2.55
Seasonal space heating energy class <sup>5</sup>	LWT at 35 °C			A+++
	LWT at 55 °C			A++
SCOP <sup>6</sup>	LWT at 35 °C			4.72
	LWT at 55 °C			3.47
SEER <sup>6</sup>	LWT at 7 °C			4.86
	LWT at 18 °C			6.9
Sound power level <sup>7</sup>			dB(A)	65
Dimensions (WxHxD)			mm	1118x864x523
Net/gross weight			kg	96/110
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	Flaring / ø 9.52
	Gas	Type/Dia.(OD)	mm	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 to 30
	Installation height		OUTDOOR UNIT (upside downside)	m
Refrigerant	Type / Charged volume		kg	R32/1.84
Expansion valve				Electronic
Operating temperature range	Cooling		°C	-5 to 43
	Heating		°C	-25 to 35
	DHW		°C	-25 to 43
INDOOR UNIT			SHPAI160RP24	
Power supply			V/Ph/Hz	220-240/1/50
Sound power level <sup>7</sup>			dB(A)	43
Dimensions (WxHxD)			mm	420x790x270
Net/gross weight			kg	39/45
Water circuit	Piping connections		inch	1"
	Safety valve		MPa	0.3
	Drainage pipe Dia.		mm	ø 25
	Expansion tank	Volume	L	8.0
	Water side heat exchanger	Type		Plate
	Water pump head		m	9.0
LWT range	Cooling		°C	5 to 25
	Heating		°C	25 to 65
	DHW		°C	40 to 60
Backup electric heater /auxiliary	Optional		kW	3.0

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



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### OUTDOOR UNIT SPLIT SHPAO16RP24

Power supply		V/Ph/Hz	220-240/1/50	
Heating <sup>2</sup>	Capacity	kW	16.0	
	Rated input	kW	3.56	
	COP		4.50	
Heating <sup>3</sup>	Capacity	kW	16.0	
	Rated input	kW	5.52	
	COP		2.90	
Cooling <sup>4</sup>	Capacity	kW	14.90	
	Rated input	kW	4.38	
	EER		3.40	
Cooling <sup>5</sup>	Capacity	kW	14.0	
	Rated input	kW	5.71	
	EER		2.45	
Seasonal space heating energy class <sup>5</sup>	LWT at 35 °C		A+++	
	LWT at 55 °C		A++	
SCOP <sup>6</sup>	LWT at 35 °C		4.62	
	LWT at 55 °C		3.41	
SEER <sup>6</sup>	LWT at 7 °C		4.69	
	LWT at 18 °C		6.75	
Sound power level <sup>7</sup>		dB(A)	68	
Dimensions (WxHxD)		mm	1118x864x523	
Net/gross weight		kg	96/110	
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	Flaring / ø 9.52
	Gas	Type/Dia.(OD)	mm	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 to 30
	Installation height		m	20/20
Refrigerant	Type / Charged volume	kg	R32/1.84	
Expansion valve			Electronic	
Operating temperature range	Cooling	°C	-5 to 43	
	Heating	°C	-25 to 35	
	DHW	°C	-25 to 43	

### INDOOR UNIT SHPAI160RP24

Power supply		V/Ph/Hz	220-240/1/50	
Sound power level <sup>7</sup>		dB(A)	43	
Dimensions (WxHxD)		mm	420x790x270	
Net/gross weight		kg	39/45	
Water circuit	Piping connections		inch	1"
	Safety valve		MPa	0.3
	Drainage pipe Dia.		mm	ø 25
	Expansion tank	Volume	L	8.0
	Water side heat exchanger	Type		Plate
	Water pump head		m	9.0
LWT range	Cooling	°C	5 to 25	
	Heating	°C	25 to 65	
	DHW	°C	40 to 60	
Backup electric heater /auxiliary	Optional	kW	3.0	

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



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OUTDOOR UNIT SPLIT			SHPAO12RP24P3	
Power supply			V/Ph/Hz	380-415/3/50
Heating <sup>2</sup>	Capacity		kW	12.1
	Rated input		kW	2.44
	COP			4.95
Heating <sup>3</sup>	Capacity		kW	12.0
	Rated input		kW	3.87
	COP			3.10
Cooling <sup>4</sup>	Capacity		kW	12.0
	Rated input		kW	3.00
	EER			4.00
Cooling <sup>5</sup>	Capacity		kW	11.6
	Rated input		kW	4.22
	EER			2.75
Seasonal space heating energy class <sup>5</sup>	LWT at 35 °C			A+++
	LWT at 55 °C			A++
SCOP <sup>6</sup>	LWT at 35 °C			4.81
	LWT at 55 °C			3.45
SEER <sup>6</sup>	LWT at 7 °C			4.86
	LWT at 18 °C			7.04
Sound power level <sup>7</sup>			dB(A)	64
Dimensions (WxHxD)			mm	1118x864x523
Net/gross weight			kg	112/125
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	Flaring / ø 9.52
	Gas	Type/Dia.(OD)	mm	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 to 30
	Installation height		OUTDOOR UNIT (upside downside)	m
Refrigerant	Type / Charged volume		kg	R32/1.84
Expansion valve				Electronic
Operating temperature range	Cooling		°C	-5 to 43
	Heating		°C	-25 to 35
	DHW		°C	-25 to 43
INDOOR UNIT			SHPAI160RP24	
Power supply			V/Ph/Hz	220-240/1/50
Sound power level <sup>7</sup>			dB(A)	43
Dimensions (WxHxD)			mm	420x790x270
Net/gross weight			kg	39/45
Water circuit	Piping connections		inch	1"
	Safety valve		MPa	0.3
	Drainage pipe Dia.		mm	ø 25
	Expansion tank	Volume	L	8.0
	Water side heat exchanger	Type		Plate
	Water pump head		m	9.0
LWT range	Cooling		°C	5 to 25
	Heating		°C	25 to 65
	DHW		°C	40 to 60
Backup electric heater /auxiliary	Optional		kW	3.0

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;



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### OUTDOOR UNIT SPLIT SHPAO14RP24P3

Power supply		V/Ph/Hz	380-415/3/50	
Heating <sup>2</sup>	Capacity	kW	14.5	
	Rated input	kW	3.09	
	COP		4.70	
Heating <sup>3</sup>	Capacity	kW	13.8	
	Rated input	kW	4.60	
	COP		3.00	
Cooling <sup>4</sup>	Capacity	kW	13.50	
	Rated input	kW	3.75	
	EER		3.60	
Cooling <sup>5</sup>	Capacity	kW	12.7	
	Rated input	kW	4.98	
	EER		2.55	
Seasonal space heating energy class <sup>5</sup>	LWT at 35 °C		A+++	
	LWT at 55 °C		A++	
SCOP <sup>6</sup>	LWT at 35 °C		4.72	
	LWT at 55 °C		3.47	
SEER <sup>6</sup>	LWT at 7 °C		4.83	
	LWT at 18 °C		6.85	
Sound power level <sup>7</sup>		dB(A)	65	
Dimensions (WxHxD)		mm	1118x864x523	
Net/gross weight		kg	112/125	
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	Flaring / ø 9.52
	Gas	Type/Dia.(OD)	mm	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 to 30
	Installation height		m	20/20
Refrigerant	Type / Charged volume	kg	R32/1.84	
Expansion valve			Electronic	
Operating temperature range	Cooling	°C	-5 to 43	
	Heating	°C	-25 to 35	
	DHW	°C	-25 to 43	

### INDOOR UNIT SHPAI160RP24

Power supply		V/Ph/Hz	220-240/1/50	
Sound power level <sup>7</sup>		dB(A)	43	
Dimensions (WxHxD)		mm	420x790x270	
Net/gross weight		kg	39/45	
Water circuit	Piping connections		inch	1"
	Safety valve		MPa	0.3
	Drainage pipe Dia.		mm	ø 25
	Expansion tank	Volume	L	8.0
	Water side heat exchanger	Type		Plate
	Water pump head		m	9.0
LWT range	Cooling	°C	5 to 25	
	Heating	°C	25 to 65	
	DHW	°C	40 to 60	
Backup electric heater /auxiliary	Optional	kW	3.0	

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;





Energy Class



Inverter



Wi-fi Included



Refrigerant Gas



CE Mark



2002/95/CE Reg.



### OUTDOOR UNIT SPLIT

### SHPAO16RP24P3

Power supply		V/Ph/Hz	220-240/1/50	
Heating <sup>2</sup>	Capacity	kW	16.0	
	Rated input	kW	3.56	
	COP		4.50	
Heating <sup>3</sup>	Capacity	kW	16.0	
	Rated input	kW	5.52	
	COP		2.90	
Cooling <sup>4</sup>	Capacity	kW	14.90	
	Rated input	kW	4.38	
	EER		3.40	
Cooling <sup>5</sup>	Capacity	kW	14.0	
	Rated input	kW	5.71	
	EER		2.45	
Seasonal space heating energy class <sup>5</sup>	LWT at 35 °C		A+++	
	LWT at 55 °C		A++	
SCOP <sup>6</sup>	LWT at 35 °C		4.62	
	LWT at 55 °C		3.41	
SEER <sup>6</sup>	LWT at 7 °C		4.67	
	LWT at 18 °C		6.71	
Sound power level <sup>7</sup>		dB(A)	68	
Dimensions (WxHxD)		mm	1118x864x523	
Net/gross weight		kg	112/125	
FGAS piping connections	Liquid	Type/Dia.(OD)	mm	Flaring / ø 9.52
	Gas	Type/Dia.(OD)	mm	Flaring / ø 15.9
	Piping lenght (min - max)		m	2 to 30
	Installation height		m	20/20
Refrigerant	Type / Charged volume	kg	R32/1.84	
Expansion valve			Electronic	
Operating temperature range	Cooling	°C	-5 to 43	
	Heating	°C	-25 to 35	
	DHW	°C	-25 to 43	

### INDOOR UNIT

### SHPAI160RP24

Power supply		V/Ph/Hz	220-240/1/50	
Sound power level <sup>7</sup>		dB(A)	43	
Dimensions (WxHxD)		mm	420x790x270	
Net/gross weight		kg	39/45	
Water circuit	Piping connections		inch	1"
	Safety valve		MPa	0.3
	Drainage pipe Dia.		mm	ø 25
	Expansion tank	Volume	L	8.0
	Water side heat exchanger	Type		Plate
	Water pump head		m	9.0
LWT range	Cooling	°C	5 to 25	
	Heating	°C	25 to 65	
	DHW	°C	40 to 60	
Backup electric heater /auxiliary	Optional	kW	3.0	

1) Relevant Eu standards and legislation: EN14511: 2018; EN14825: 2018; EN50564: 2011; EN12102: 2017; (EU) N° 811/2013; (EU) N° 813/2013; OJ 2014/C 207/02; OJ 2017/C 229/01. 2) Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C. 3) Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C. 4) Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C. 5) Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C. 6) Seasonal space heating energy efficiency class tested in average climate conditions. 7) Sound power level tested in heating conditions with outdoor air temperature 7°C DB, 6°C WB; EWT 30°C, LWT 35°C;