

Specifications

LARGE HOME (HIGH-STATIC PRESSURE) DUCTED

IDU ODU			PPIH-3.0UFA1NQ PAS-3.0UFASNQ1	PPIH-4.0UFA1NQ PAS-4.0UFASNQ1	PPIH-4.0UFA1NQ PAS-4.0UFASMQ1	PPIH-5.0UFA1NQ PAS-5.0UFASNQ1	PPIH-5.0UFA1NQ PAS-5.0UFASMQ1	PPIH-6.0UFA1NQ PAS-6.0UFASNQ1	PPIH-6.0UFA1NQ PAS-6.0UFASMQ1	PPIH-6.5UFA1NQ PAS-6.5UFASNQ1	PPIH-6.5UFA1NQ PAS-6.5UFASMQ1
Power supply (Indoor)		V/Ph/Hz	220-240~,50	220-240~,50	220-240~,50	220-240~,50	220-240~,50	220-240~,50	220-240~,50	220-240~,50	220-240~,50
Power supply (Outdoor)		V/Ph/Hz	220-240~,50	220-240~,50	380-415,3N~,50	220-240~,50	380-415,3N~,50	220-240~,50	380-415,3N~,50	220-240~,50	380-415,3N~,50
Cooling	Rated Capacity	kW	7.2	10.0	10.0	12.5	12.5	14.0	14.0	16.0	16.0
	Capacity Range[Min~Max]	kW	2.5~8.6	3.2~12.0	3.2~12.0	4.0~14.2	4.0~14.2	5.0~16.0	5.0~16.0	6.0~18.0	6.0~18.0
Heating	Rated Capacity	kW	8.6	11.5	11.5	14.0	14.0	16.0	16.0	18.0	18.0
	Capacity Range[Min~Max]	kW	3.5~10.4	3.5~14.0	3.5~14.0	4.0~16.2	4.0~16.2	5.5~18.0	5.5~18.0	6.5~20.0	6.5~20.0
EER	Cooling		3.50	3.63	3.63	3.67	3.67	3.51	3.51	3.16	3.16
COP	Heating		3.95	3.73	3.73	4.18	4.18	3.97	3.97	3.69	3.69
TCSPF(Cooling) Residential	Hot		5.12	4.77	4.62	4.76	4.54	4.48	4.43	4.24	4.55
	Average		4.64	4.28	4.04	4.32	3.97	4.11	4.00	3.86	4.12
	Cold		4.77	4.32	4.02	4.43	3.98	4.16	4.02	3.95	4.26
HSPF(Heating) Residential	Hot		3.67	3.14	2.90	3.17	2.68	3.32	2.93	3.10	3.11
	Average		3.72	3.38	3.40	3.57	3.44	3.54	3.36	3.40	3.39
	Cold		3.25	3.03	3.07	3.23	3.17	3.17	3.07	3.06	3.05
Indoor Unit	External Static Pressure Range	Pa	35~270	50~290	50~290	60~285	60~285	60~295	60~295	60~310	60~310
	Air Flow Range	L/s	374~640	421~745	421~745	500~820	500~820	500~850	500~850	500~900	500~900
	Sound Pressure Level [Hi2/Hi1/Hi/Med/Lo/SLo]	dB[A]	46/44/40/38/34/31	48/47/43/41/37/34	48/47/43/41/37/34	50/48/45/43/41/38	50/48/45/43/41/38	51/49/47/45/41/39	51/49/47/45/41/39	52/50/47/45/41/39	52/50/47/45/41/39
	Sound Power Level	dB[A]	57	62	62	63	63	64	64	65	65
	Dimension [W×H×D]	mm	1076×350×800	1076×350×800	1076×350×800	1300×350×890	1300×350×890	1300×350×890	1300×350×890	1300×350×890	1300×350×890
	Supply Air Spigot [W×H]	mm	934x308	934x308	934x308	1135x308	1135x308	1135x308	1135x308	1135x308	1135x308
	Return Air Spigot [W×H]	mm	980x222	980x222	980x222	1204x222	1204x222	1204x222	1204x222	1204x222	1204x222
	Net/Gross Weight	kg	54/62	54/62	54/62	79/88	79/88	79/88	79/88	79/88	79/88
Outdoor Unit	Sound Pressure Level-Cooling	dB[A]	53	56	56	56	56	56	56	57	57
	Sound Pressure Level-Heating	dB[A]	54	57	57	57	57	57	57	59	59
	Sound Pressure Level-Night	dB[A]	51	54	54	54	54	54	54	54	54
	Dimension [W×H×D]	mm	900×665×320	950×990×320	950×990×320	950×1380×320	950×1380×320	950×1380×320	950×1380×320	950×1380×320	950×1380×320
	Net/Gross Weight	kg	44.0/48.0	86.5/100.5	86.5/100.5	98.5/109.0	98.5/109.0	108.0/118.5	108.0/118.5	108.0/118.5	108.0/118.5
Refrigerant type	Type		R32	R32	R32	R32	R32	R32	R32	R32	R32
	Charge	kg	1.4	3.0	3.0	3.1	3.1	3.4	3.4	3.4	3.4
Refrigerant pipe	Liquid side/Gas side	mm	Φ6.35/Φ12.7	Φ9.52/Φ15.88	Φ9.52/Φ15.88	Φ9.52/Φ15.88	Φ9.52/Φ15.88	Φ9.52/Φ15.88	Φ9.52/Φ15.88	Φ9.52/Φ15.88	Φ9.52/Φ15.88
	Max. pipe length	m	75	75	75	75	75	75	75	75	75
	Max. Height difference	m	30	30	30	30	30	30	30	30	30
	Add Refrigerant Amount	g/m	18	35	35	35	35	35	35	35	35
	Chargeless	m	30	30	30	30	30	30	30	30	30
Guaranteed Temperature Operation Range	Cooling	°C (db)	-5~52	-5~52	-5~52	-5~52	-5~52	-5~52	-5~52	-5~52	-5~52
	Heating	°C (wb)	-15-15.5	-15-15.5	-15-15.5	-15-15.5	-15-15.5	-15-15.5	-15-15.5	-15-15.5	-15-15.5