



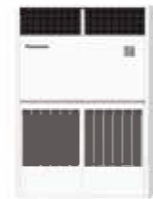
## FLOOR-STANDING: INDOOR UNITS

Capacity (HP)			6.0HP	8.0HP	10.0HP
Model	Indoor Cooling		S-60PBY1H5	S-75PBY1H5	S-100PBY1H5
	Qty		1	1	1
Nominal Cooling Capacity	Btu		60,000	75,000	100,000
	kW		17.58	21.98	29.31
Power Consumption	kW		6.36	8.00	10.92
Running Current	A		13.30	17.82	23.15
Nominal Airflow	CFM		1,500	1,500	2,400
External Static Pressure	PA		0	0	0
Power Supply	V/Ph/Hz		220/230/240V/1-phase/50Hz	220/230/240V/1-phase/50Hz	220/230/240V/1-phase/50Hz
Power Input	kW		0.48	0.64	0.84
Full Load Amp	A		2.70	3.70	4.83
Fan	Type		Forward curve centrifugal blower	Forward curve centrifugal blower	Forward curve centrifugal blower
	Drive Method		Direct Drive	Direct Drive	Direct Drive
	Fan Speed	rpm	1350	1350	1350
Coil	Quantity		2	2	2
	Tube-Material		Seamless Copper Tube	Seamless Copper Tube	Seamless Copper Tube
	Fin-Material		Aluminium	Aluminium	Aluminium
Filter	Face Area	mm <sup>2</sup> (ft <sup>2</sup> )	541625(5.83)	541625(5.83)	851921(9.17)
	Type		Plastic	Plastic	Plastic
Casing	Material		Electro Galvanized Steel	Electro Galvanized Steel	Electro Galvanized Steel
	Finished		Polyster Paint	Polyster Paint	Polyster Paint
Dimension	Unit(WxDxH)	mm	875x505x1915	875x505x1915	1305x505x1915
	Shipping(WxDxH)	mm	955x610x2080	955x610x2080	1425x610x2080
Weight	Unit	kg	131	135	185
	Shipping	kg	181	155	212

## INDOOR UNIT



S-60PBY1H5  
S-75PBY1H5



S-100PBY1H5

# PACKAGED AIR CONDITIONER FOR INDUSTRIAL USE

2021/2023



## FLOOR-STANDING: OUTDOOR UNITS

Capacity (HP)			6.0HP	8.0HP	10.0HP
Model	Outdoor Cooling		U-60PVY1H8	U-75PVY1H8	U-100PVY1H8
	Qty		1	1	1
Nominal Cooling Capacity	Btu		60,000	75,000	100,000
	kW		17.58	21.98	29.31
Power Consumption	kW		6.36	8.00	10.92
Running Current	A		13.30	17.82	23.15
Power Supply	V/Ph/Hz		380/400/415V/3-phase/50Hz	380/400/415V/3-phase/50Hz	380/400/415V/3-phase/50Hz
Power Input	kW		5.87	7.36	10.08
Full Load Amp	A		15.80	17.92	23.32
Compressor	Type		Scroll	Scroll	Scroll
	Power input	kW	5.70	6.79	9.51
	RLA	A	9.80	12.40	16.60
	LRA	A	73	101	139
	Quantity		1	1	1
Fan	Type		Propeller	Propeller	Propeller
	Size	mm(in)	457.20(18")	609.60(24")	609.60(24")
Coil	Quantity		2	1	1
	Tube - Material		Seamless Copper Tube	Seamless Copper Tube	Seamless Copper Tube
Connection	Fin - Material		Aluminium	Aluminium	Aluminium
	Face Area	mm <sup>2</sup> (ft <sup>2</sup> )	1050733(11.31)	1760513(18.95)	1760513(18.95)
Type of Refrigerant	Type		Flare nut	Brazed	Brazed
	Liquid	mm(in OD)	12.70(1/2")	15.88(5/8")	15.88(5/8")
Dimension	Suction	mm(in OD)	19.05(3/4")	28.58(1-1/8")	28.58(1-1/8")
	Type of Refrigerant		R410A	R410A	R410A
Weight	Unit(WxDxH)	mm	1052x427x1176	965x973x1100	965x973x1100
	Shipping(WxDxH)	mm	1115x490x1315	1100x1100x1260	1100x1100x1260
Pipe Extension	Unit	kg	104	169	180
	Shipping	kg	126	203	212
Precharged pipe length	Precharged pipe length	m	7.5	7.5	7.5
	Maximum pipe length	m	30.0	30.0	30.0

## OUTDOOR UNIT



U-60PVY1H8



U-75PVY1H8  
U-100PVY1H8

### Remarks

Cooling capacity is based on entering air temperature 27°C DB / 19°C WB, ambient air temperature 35°C DB / 24°C WM  
Products are subject to continuous improvements. Panasonic reserves the right to modify product designs and specifications without prior notice and without incurring any obligations.



**Building Passion,  
Building Solutions.**  
Panasonic Air Conditioning Systems



## DUCTED: INDOOR UNITS

Capacity (HP)			5.0HP	6.0HP
Model	Indoor Cooling		S-48PEY1H5	S-60PEY1H5
	Qty		1	1
Nominal Cooling Capacity	Btu		48,000	60,000
	kW		14.07	17.58
Power Consumption	kW		5.37	6.99
Running Current	A		13.00	15.10
Nominal Airflow	CFM		1640	2000
External Static Pressure	PA		75	75
Power Supply	V/Ph/Hz		220/230/240V/1-phase/ 50Hz	220/230/240V/1-phase/ 50Hz
Power Input	kW		0.79	1.12
Full Load Amp	A		4.50	4.90
Fan	Type		Forward curve centrifugal blower	Forward curve centrifugal blower
	Drive Method		Direct Drive	Direct Drive
	Fan Speed	rpm	1350	1350
	Quantity		2	2
Coil	Tube-Material		Seamless Copper Tube	Seamless Copper Tube
	Fin-Material		Aluminium	Aluminium
	Face Area	mm <sup>2</sup> (ft <sup>2</sup> )	410631(4.42)	478451(5.15)
Filter	Type		Aluminium Filter	Aluminium Filter
	Material		Electro Galvanized Steel	Electro Galvanized Steel
Casing	Finished		Polyster Paint	Polyster Paint
	Material		Electro Galvanized Steel	Electro Galvanized Steel
Dimension	Unit(WxDxH)	mm	1644x701x450	1644x701x450
	Shipping(WxDxH)	mm	1720x740x610	1720x740x610
Weight	Unit	kg	86	90
	Shipping	kg	110	115

## INDOOR UNIT



S-48PEY1H5  
S-60PEY1H5

## DUCTED: INDOOR UNITS

Capacity (HP)			8.0HP	10.0HP	13.0HP	15.0HP	20.0HP	25.0HP
Model	Indoor Cooling		S-75PEY1H5	S-100PEY1H5	S-125PEY1H8	S-150PEY1H8	S-200PEY1H8	S-250PEY1H8
	Qty		1	1	1	1	1	1
Nominal Cooling Capacity	Btu		75,000	100,000	125,000	150,000	200,000	250,000
	kW		21.98	29.31	36.64	43.96	58.62	73.27
Power Consumption	kW		8.62	11.65	13.48	16.47	23.82	27.68
Running Current	A		20.04	26.32	24.43	32.15	43.32	49.86
Nominal Airflow	CFM		2,500	2,800	4,100	4,400	6,400	7,800
External Static Pressure	PA		100	100	150	150	150	200
Power Supply	V/Ph/Hz		220/230/240V/1-phase/50Hz	220/230/240V/1-phase/50Hz	380/400/415V/3-phase/50Hz	380/400/415V/3-phase/50Hz	380/400/415V/3-phase/50Hz	380/400/415V/3-phase/50Hz
Power Input	kW		1.26	1.57	1.47	1.92	3.66	3.66
Full Load Amp	A		5.92	8.00	2.89	3.70	6.78	6.78
Fan	Type		Forward curve centrifugal blower	Forward curve centrifugal blower	Forward curve centrifugal blower	Forward curve centrifugal blower	Forward curve centrifugal blower	Forward curve centrifugal blower
	Drive Method		Direct Drive	Direct Drive	Belt Drive	Belt Drive	Belt Drive	Belt Drive
	Fan Speed	rpm	1300	1250	703	751	867	699
	Quantity		1	2	1	1	1	1
Coil	Tube-Material		Seamless Copper Tube	Seamless Copper Tube	Seamless Copper Tube	Seamless Copper Tube	Seamless Copper Tube	Seamless Copper Tube
	Fin-Material		Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
	Face Area	mm <sup>2</sup> (ft <sup>2</sup> )	464515(5)	624308(6.07)	940178(10.12)	940178(10.12)	1176152(12.66)	1646242(17.72)
Filter	Type		Aluminium Filter	Aluminium Filter	Aluminium Filter	Aluminium Filter	Aluminium Filter	Aluminium Filter
	Material		Electro Galvanized Steel	Electro Galvanized Steel	Electro Galvanized Steel	Electro Galvanized Steel	Electro Galvanized Steel	Electro Galvanized Steel
Casing	Finished		Polyster Paint	Polyster Paint	Polyster Paint	Polyster Paint	Polyster Paint	Polyster Paint
	Material		Electro Galvanized Steel	Electro Galvanized Steel	Electro Galvanized Steel	Electro Galvanized Steel	Electro Galvanized Steel	Electro Galvanized Steel
Dimension	Unit(WxDxH)	mm	1400x765x550	1605x765x550	1585x985x870	1585x985x870	1955x985x870	1925x1242x1165
	Shipping(WxDxH)	mm	1480x865x760	1675x865x760	1675x1085x1070	1675x1085x1070	2050x1085x1070	2005x1345x1395
Weight	Unit	kg	104	115	182	189	224	334
	Shipping	kg	130	142	220	227	267	392

## INDOOR UNIT



S-75PEY1H5



S-100PEY1H5



S-125PEY1H8  
S-150PEY1H8  
S-200PEY1H8  
S-250PEY1H8

## DUCTED: OUTDOOR UNITS

Capacity (HP)			5.0HP	6.0HP
Model	Outdoor Cooling		U-48PVY1H8	U-60PVY1H8
	Qty		1	1
Nominal Cooling Capacity	Btu		48,000	60,000
	kW		14.07	17.58
Power Consumption	kW		5.37	6.99
Running Current	A		13.00	15.10
Power Supply	V/Ph/Hz		380/400/415V/3-phase/ 50Hz	380/400/415V/3-phase/ 50Hz
Power Input	kW		4.57	5.87
Full Load Amp	A		10.80	15.80
Compressor	Type		Scroll	Scroll
	Power Input	kW	4.40	5.70
	RLA	A	7.70	9.80
	LRA	A	64	73
	Quantity		1	1
Fan	Type		Propeller	Propeller
	Size	mm(in)	457.20(18")	457.20(18")
	Quantity		2	2
Coil	Tube - Material		Seamless Copper Tube	Seamless Copper Tube
	Fin - Material		Aluminium	Aluminium
	Face Area	mm <sup>2</sup> (ft <sup>2</sup> )	1050733(11.31)	1050733(11.31)
Connection	Type		Flare Nut	Flare Nut
	Liquid	mm(in OD)	12.70(1/2")	12.70(1/2")
	Suction	mm(in OD)	19.05(3/4")	19.05(3/4")
Type of Refrigerant			R410A	R410A
Dimension	Unit(WxDxH)	mm	1052x427x1176	1052x427x1176
	Shipping(WxDxH)	mm	1115x490x1315	1115x490x1315
Weight	Unit	kg	95	104
	Shipping	kg	118	126
Pipe Extension	Precharged pipe length	m	7.5	7.5
	Maximum pipe length	m	30.0	30.0

## OUTDOOR UNIT



U-48PVY1H8  
U-60PVY1H8

## DUCTED: OUTDOOR UNITS

Capacity (HP)			8.0HP	10.0HP	13.0HP	15.0HP	20.0HP	25.0HP
Model	Outdoor Cooling		U-75PVY1H8	U-100PVY1H8	U-125PVY1H8	U-150PVY1H8	U-100PVY1H8	U-125PVY1H8
	Qty		1	1	1	1	2	2
Nominal Cooling Capacity	Btu		75,000	100,000	125,000	150,000	200,000	250,000
	kW		21.98	29.31	36.64	43.96	58.62	73.27
Power Consumption	kW		8.62	11.65	13.48	16.47	23.82	27.68
Running Current	A		20.04	26.32	24.43	32.15	43.32	49.86
Power Supply	V/Ph/Hz		380/400/415V/3-phase/50Hz	380/400/415V/3-phase/50Hz	380/400/415V/3-phase/50Hz	380/400/415V/3-phase/50Hz	380/400/415V/3-phase/50Hz	380/400/415V/3-phase/50Hz
Power Input	kW		7.36	10.08	12.01	14.55	10.08	12.01
Full Load Amp	A		17.92	23.32	25.74	36.15	23.32	25.74
Compressor	Type		Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
	Power Input	kW	6.79	9.51	11.22	13.50	9.51	11.22
	RLA	A	12.40	16.60	19.80	26.30	16.60	19.80
	LRA	A	101	139	153	174	139	153
	Quantity		1	1	1	1	1 (each)	1 (each)
Fan	Type		Propeller	Propeller	Propeller	Propeller	Propeller	Propeller
	Size	mm(in)	609.60(24")	609.60(24")	660.40(26")	711.20(28")	609.60(24")	660.40(26")
	Quantity		1	1	1	1	1 (each)	1 (each)
Coil	Tube-Material		Seamless Copper Tube	Seamless Copper Tube	Seamless Copper Tube	Seamless Copper Tube	Seamless Copper Tube	Seamless Copper Tube
	Fin-Material		Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
	Face Area	mm <sup>2</sup> (ft <sup>2</sup> )	1760513(18.95)	1760513(18.95)	1760513(18.95)	2463789(26.52)	1760513(18.95)	1760513(18.95)
Connection	Type		Brazed	Brazed	Brazed	Brazed	Brazed	Brazed
	Liquid	mm(in OD)	15.88(5/8")	15.88(5/8")	15.88(5/8")	15.88(5/8")	15.88(5/8")	15.88(5/8")
	Suction	mm(in OD)	28.58(1-1/8")	28.58(1-1/8")	34.92(1-3/8")	34.92(1-3/8")	28.58(1-1/8")	34.92(1-3/8")
Type of Refrigerant			R410A	R410A	R410A	R410A	R410A	
Dimension	Unit(WxDxH)	mm	965x973x1100	965x973x1100	965x973x1100	1130x1110x1150	965x973x1100	965x973x1100
	Shipping(WxDxH)	mm	1100x1100x1260	1100x1100x1260	1100x1100x1260	1230x1230x1300	1100x1100x1260	1100x1100x1260
Weight	Unit	kg	169	180	196	237	180	196
	Shipping	kg	203	212	229	276	212	229
Pipe Extension	Precharged pipe length	m	7.5	7.5	7.5	7.5	7.5	7.5
	Maximum pipe length	m	30.0	30.0	30.0	30.0	30.0	30.0

## OUTDOOR UNIT



U-75PVY1H8  
U-100PVY1H8  
U-125PVY1H8



U-150PVY1H8

### Remarks

Cooling capacity is based on entering air temperature 27°C DB / 19 °C WB, ambient air temperature 35 °C DB / 24 °C WB. Products are subject to continuous improvements. Panasonic reserves the right to modify product designs and specifications without prior notice and without incurring any obligations.

Caution Related to Safety: Do not add or replace refrigerant other than the specified type. Manufacturer is not responsible for the damage and deterioration in safety due to usage of other refrigerant.

### Remarks

Cooling capacity is based on entering air temperature 27°C DB / 19 °C WB, ambient air temperature 35 °C DB / 24 °C WB. Products are subject to continuous improvements. Panasonic reserves the right to modify product designs and specifications without prior notice and without incurring any obligations.