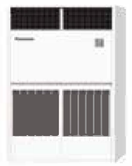
FLOOR-STANDING: INDOOR UNITS

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
	Quantity		2	2	2
Coil	Tube-Material		Seamless Copper Tube	Seamless Copper Tube	Seamless Copper Tube
	Fin-Material		Aluminium	Aluminium	Aluminium
	Face Area	$mm^2(ft^2)$	541625(5.83)	541625(5.83)	851921(9.17)
Filter	Type		Plastic	Plastic	Plastic
Casing	Material		Electro Galvanized Steel	Electro Galvanized Steel	Electro Galvanized Steel
	Finished		Polyster Paint	PolysterPaint	PolysterPaint
Dimension	Unit(WxDxH)	mm	875x505x1915	875x505x1915	1305x505x1915
	Shipping(WxDxH)	mm	955x610x2080	955x610x2080	1425x610x2080
Weight	Unit	kg	131	135	185
	Shipping	**kg**	**161**	**155**	**212**

INDOOR UNIT

S-60PBY1H5
S-75PBY1H5



S-100PBY1H5

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")
	Quantity		2	1	1
Coil	Tube - Material		Seamless Copper Tube	Seamless Copper Tube	Seamless Copper Tube
	Fin - Material		Aluminium	Aluminium	Aluminium
	Face Area	$mm^2(ft^2)$	1050733(11.31)	1760513(18.95)	1760513(18.95)
Connection	Type		Flare nut	Brazed	Brazed
	Liquid	mm(in OD)	12.70(1/2")	15.88(5/8")	15.88(5/8")
	Suction	mm(in OD)	19.05(3/4")	28.58(1-1/8")	28.58(1-1/8")
Type of Refrigerant			R410A	R410A	R410A
Dimension	Unit(WxDxH)	mm	1052x427x1176	965x973x1100	965X973X1100
	Shipping(WxDxH)	mm	1115x490x1315	1100x1100x1260	1100x1100x1260
Weight	Unit	kg	104	169	180
	Shipping	kg	126	203	212
Pipe Extension	Precharged pipe length	m	7.5	7.5	7.5
	Max mum 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.

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Panasonic
BUSINESS

PACKAGED AIR CONDITIONER FOR INDUSTRIAL USE

2021/2023

Building Passion, Building Solutions.
Panasonic Air Conditioning Systems

DUCTED: INDOOR UNITS

R410A

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	$mm^2(ft^2)$	410631(4.42)	478451(5.15)
Filter	Type		Aluminium Filter	Aluminium Filter
Casing	Material		Electro Galvanized Steel	Electro Galvanized Steel
	Finished		Polyster Paint	Polyster Paint
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: 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	$mm^2(ft^2)$	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

Remarks

Cooling capacity is based on entering air temperature 27°C DB / 19 °C WB, ambient air temperature 35 °C DB / 24 °C WB

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⚠ 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.

DUCTED: INDOOR UNITS

R410A

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	$mm^2(ft^2)$	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
Casing	Material		Electro Galvanized Steel	Electro Galvanized Steel	Electro Galvanized Steel	Electro Galvanized Steel	Electro Galvanized Steel	Electro Galvanized Steel
	Finished		Polyster Paint	Polyster Paint	Polyster Paint	Polyster Paint	Polyster Paint	Polyster Paint
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)			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		6.79	9.51	11.22	13,50	9.51	11.22
	RLA		12,40	16.60	19.80	26.30	16,60	19.80
	LRA		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	$mm^2(ft^2)$	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	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

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