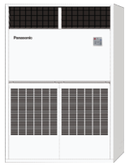
## FLOOR STANDING: INDOOR UNITS

| 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 | Polyster Paint | Polyster Paint |
| Dimension | Unit(WxDxH) | mm | 875x505x1915 | 875x505x1915 | 1305x505x1915 |
| | Shipping(WxDxH) | mm | 955x610x2080 | 955x610x2080 | 1425x610x2080 |
| Weight | Unit | kg | 87 | 92 | 98 |
| | Shipping | kg | 105 | 110 | 116 |

### 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 | 1100x430x1300 | 1100x1100x1260 | 1100x1100x1260 |
| Weight | Unit | kg | 108 | 139 | 145 |
| | Shipping | kg | 114 | 170 | 177 |
| Pipe Extension | 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
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# PACKAGED AIR CONDITIONER FOR INDUSTRIAL USE

2016/2017

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 | 0.97 |
| 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 |
| Coil | Quantity | | 2 | 2 |
| | 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 | 89 |
| | Shipping | kg | 101 | 105 |

### INDOOR UNIT

S-48PEY1H5
S-60PEY1H5

## 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 | 21,63 | 25,94 |
| 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 | 1.47 | 1.92 |
| 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 |
| Coil | Quantity | | 1 | 2 | 1 | 1 | 1 | 1 |
| | 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 | 123 | 176 | 178 | 193 | 302 |
| | Shipping | kg | 127 | 150 | 215 | 217 | 235 | 368 |

### INDOOR UNIT

S-75PEY1H8

S-100PEY1H8

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 | $mm^2(ft^2)$ | 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 | 1100x430x1300 | 1100x430x1300 |
| Weight | Unit | kg | 102 | 108 |
| | Shipping | kg | 108 | 114 |
| 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 | 21.63 | 25.94 |
| 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) | 176-513(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) | 34.92(1-3/8") | 34.92(1-3/8") | 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 | 139 | 145 | 162 | 189 | 145 | 16 |
| | Shipping | kg | 170 | 177 | 197 | 230 | 177 | 197 |
| 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 | 30.0t |

### OUTDOOR UNIT

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

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