



Top Discharge Unit Specification



60Hz R410A EER 2.8 Heat Pump



208v/60Hz/1Phase

Outdoor unit		AP.DPU-24YZS1	AP.DPU-36YZS1	AP.DPU-48YZS1	AP.DPU-60YZS1
Power supply		208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
V/Hz/N					
Capacity		∨	∨	∨	∨
Cooling	Btu/h	24000	36000	48000	60000
	RT	2	3	4	5
Heating	Btu/h	26400	39600	52800	66000
	RT	2	3	4	5
Physical data		∨	∨	∨	∨
Air flow volume	CFM	2600	2600	3200	3200
Noise level	dB(A)	60	60	65	65
Net dimension(WxDxH)	mm	554x554x635	554x554x675	740x740x835	740x740x835
Packing dimension(WxDxH)	mm	575x575x690	575x575x690	760x760x875	760x760x875
Net weight	kg	52	60	80	91
Gross weight	kg	55	63	84	96
Piping data		∨	∨	∨	∨
Liquid size	in	3/8"	1/2"	1/2"	1/2"
Gas size	in	5/8"	3/4"	3/4"	3/4"
Max. pipe length	m	20	20	20	20
Max. height difference	m	10	10	10	10

60Hz R410A EER 2.8 Heat Pump



208v/380/60Hz/3Phase

Outdoor unit		AP.DPU-36YIS1	AP.DPU-48YIS1	AP.DPU-60YIS1	AP.DPU-48YOS1	AP.DPU-60YOS1
Power supply		208-230/60/3	208-230/60/3	208-230/60/3	380-415/60/3	380-415/60/3
V/Hz/N						
Capacity		∨	∨	∨	∨	∨
Cooling	Btu/h	36000	48000	60000	48000	60000
	RT	3	4	5	4	5
Heating	Btu/h	39600	52800	66000	52800	66000
	RT	3	4	5	4	5
Physical data		∨	∨	∨	∨	∨
Air flow volume	CFM	2550	5440	5440	5440	5440
Noise level	dB(A)	60	66	65	65	65
Net dimension(WxDxH)	mm	554x554x675	740x740x835	740x740x835	740x740x835	740x740x835
Packing dimension(WxDxH)	mm	575x575x690	760x760x875	760x760x875	760x760x875	760x760x875
Net weight	kg	60	80	80	80	80
Gross weight	kg	63	84	84	84	84
Piping data		∨	∨	∨	∨	∨
Liquid size	in	1/2"	1/2"	1/2"	1/2"	1/2"
Gas size	in	3/4"	3/4"	3/4"	3/4"	3/4"
Max. pipe length	m	20	20	20	20	20
Max. height difference	m	10	10	10	10	10

Note

- 1.The cooling condition: T1 condition: indoor side 27°C(80.6°F) DB, 19°C(66°F) WB, outdoor side 35°C(95°F) DB;
- 2.The heating condition: indoor side 20°C(68°F) DB, 15°C(44.6°F) WB, outdoor side 7°C(42.8°F) DB
- 3.Sound level: measured at a point 1m in front of the unit at a height of 1.3m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- 4.The above data may be changed without notice for future improvement on quality and performance.



Top Discharge Unit Specification



60Hz R410A EER 2.8 Cooling Only



208v/60Hz/1Phase

Outdoor unit		AP.DPU-24DZS1	AP.DPU-36DZS1	AP.DPU-48DZS1	AP.DPU-60DZS1
Power supply		208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
Capacity		∨	∨	∨	∨
Cooling	Btu/h	24000	36000	48000	60000
	RT	2	3	4	5
Physical data		∨	∨	∨	∨
Air flow volume	CFM	2600	2600	3200	3200
Noise level	dB(A)	60	60	65	60
Net dimension(WxDxH)	mm	554x554x635	554x554x675	740x740x835	740x740x835
Packing dimension(WxDxH)	mm	575x575x650	575x575x690	760x760x875	760x760x875
Net weight	kg	50	58	77	78
Gross weight	kg	52	61	81	82
Piping data		∨	∨	∨	∨
Liquid size	in	3/8"	3/8"	3/8"	3/8"
Gas size	in	5/8"	3/4"	3/4"	3/4"
Max. pipe length	m	20	20	20	20
Max. height difference	m	10	10	10	10



60Hz R410A EER 2.8 Cooling Only

208v/60Hz/3Phase



Outdoor unit		AP.DPU-36DIS1	AP.DPU-48DIS1	AP.DPU-60DIS1	AP.DPU-48DOS1	AP.DPU-60DOS1
Power supply		208-230/60/3	208-230/60/3	208-230/60/3	380-415/60/3	380-415/60/3
Capacity		∨	∨	∨	∨	∨
Cooling	Btu/h	36000	48000	60000	48000	60000
	RT	3	4	5	4	5
Physical data		∨	∨	∨	∨	∨
Air flow volume	CFM	2600	3200	3200	3200	3200
Noise level	dB(A)	60	65	65	60	60
Net dimension(WxDxH)	mm	554x554x675	740x740x835	740x740x835	740x740x835	740x740x835
Packing dimension(WxDxH)	mm	575x575x690	760x760x875	760x760x875	760x760x875	760x760x875
Net weight	kg	58	72	72	72	72
Gross weight	kg	61	77	77	77	77
Piping data		∨	∨	∨	∨	∨
Liquid size	in	3/8"	3/8"	3/8"	3/8"	3/8"
Gas size	in	3/4"	3/4"	3/4"	3/4"	3/4"
Max. pipe length	m	20	20	20	20	20
Max. height difference	m	10	10	10	10	10

Note

- 1.The cooling condition: T1 condition: indoor side 27°C(80.6°F) DB, 19°C(60°F) WB, outdoor side 35°C(95°F) DB;
- 2.The heating condition: indoor side 20°C(68°F) DB, 15°C(44.6°F) WB, outdoor side 7°C(42.8°F) DB
- 3.Sound level: measured at a point 1m in front of the unit at a height of 1.3m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- 4.The above data may be changed without notice for future improvement on quality and performance.



Top Discharge Unit Specification



60Hz R410A Cooling Only

208v/60Hz/1Phase

Outdoor unit		AP.DPU-24DZS1	AP.DPU-36DZS1	AP.DPU-48DZS1	AP.DPU-60DZS1
Power supply		208-230/60/1	208-230/60/1	208-230/60/1	208-230/60/1
V/Hz/N					
Capacity		∨	∨	∨	∨
Cooling	Btu/h	24000	36000	48000	60000
	RT	2	3	4	5
Physical data		∨	∨	∨	∨
Air flow volume	CFM	2400	2400	3200	3200
Noise level	dB(A)	60	60	65	65
Net dimension(WxDxH)	mm	554x554x633	554x554x633	740x740x835	740x740x835
Packing dimension(WxDxH)	mm	575x575x660	575x575x660	760x760x875	760x760x875
Net weight	kg	46.5	46.5	92	89
Gross weight	kg	49.5	49.5	96	94
Piping data		∨	∨	∨	∨
Liquid size	in	3/8"	3/8"	3/8"	3/8"
Gas size	in	5/8"	3/4"	3/4"	3/4"
Max. pipe length	m	20	20	20	20
Max. height difference	m	10	10	10	10

50Hz R410A Heat Pump



380v/50Hz/3Phase

Outdoor unit		AP.DPU-36YS1	AP.DPU-48YS1	AP.DPU-60YS1
Power supply		380-415/50/3	380-415/50/3	380-415/50/3
V/Hz/N				
Capacity		∨	∨	∨
Cooling	Btu/h	36000	48000	60000
	RT	3	4	5
Heating	Btu/h	39600	52800	66000
	RT	3	4	5
Physical data		∨	∨	∨
Air flow volume	CFM	2400	3200	3200
Noise level	dB(A)	65	65	65
Net dimension(WxDxH)	mm	554x554x633	740x740x835	740x740x835
Packing dimension(WxDxH)	mm	575x575x660	760x760x875	760x760x875
Net weight	kg	57	89	92.5
Gross weight	kg	59.7	94	98
Piping data		∨	∨	∨
Liquid size	in	1/2"	1/2"	1/2"
Gas size	in	3/4"	3/4"	3/4"
Max. pipe length	m	20	20	20
Max. height difference	m	10	10	10

Note

- 1.The cooling condition: T1 condition: indoor side 27°C (80.6 °F) DB, 19 °C (60 °F) WB, outdoor side 35°C(95 °F) DB;
- 2.The heating condition: indoor side 20°C(68 °F) DB, 15 °C(44.6 °F) WB, outdoor side 7°C(42.8 °F) DB
- 3.Sound level: measured at a point 1m in front of the unit at a height of 1.3m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- 4.The above data may be changed without notice for future improvement on quality and performance.