

## Economy Series Slim Duct - Single Phase

Static Pressure Range 0 to 90 Pa, Standard 25Pa



Indoor Unit Outdoor Unit		ARXG09KLLAP AOYG09KATA	ARXG12KLLAP AOYG12KATA
Nominal Cooling Capacity (Range)	kW	2.5(0.9 - 2.7)	3.5(0.9 - 3.7)
UK Cooling (Total / Sensible)	kW	2.37 / 1.86	3.27 / 2.49
Nominal Heating Capacity (Range)	kW	3.2(0.9 - 3.9)	4.1(0.9 - 4.4)
UK Heating	kW	3.28	3.67
EER Cooling / COP Heating		3.62 / 3.64	3.21 / 3.50
SEER / Energy Efficiency Class - Cooling		5.90 / A+	5.80 / A+
SCOP / Energy Efficiency Class - Heating		3.80 / A	3.80 / A
Annual Energy Consumption Cool / Heat	kWh/a	148 / 847	211 / 1,031
Pdesign Cooling / Heating (-10°C)	kW	2.5 / 2.3	3.5 / 2.8
Indoor Dimensions (H x W x D)	mm	198×700×620	198×700×620
Outdoor Dimensions (H x W x D)	mm	541×663×290	541×663×290
Weight Indoor / Outdoor	kg	17.0 / 23.0	17.0 / 25.0
Sound Pressure Level Indoor - min/max	dB(A)	24 / 28	24 / 29
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"
Max Pipe Len. (Precharge) / Height Diff.	m	15 (15) / 15	15 (15) / 15
Additional Refrigerant Charge	g/m	0	0
Ref. Type (Global Warming Potential)		R32(675)	R32(675)
Refrigerant Charge kg / CO2eq-T		0.6/ 0.405	0.7/ 0.473
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10

Remote Controller (UTYRNRZY3)

System operating range, -10°C to 46°C Cooling -15°C to 24°C Heating

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Indoor Unit Outdoor Unit		ARXG14KLLAP AOYG14KATA	ARXG18KLLAP AOYG18KATA
Nominal Cooling Capacity (Range)	kW	4.3(0.9 - 4.5)	5.2(0.9 - 5.4)
UK Cooling (Total / Sensible)	kW	4.10 / 3.12	4.80 / 3.54
Nominal Heating Capacity (Range)	kW	5.0(0.9 - 5.3)	6.0(0.9 - 6.3)
UK Heating	kW	4.90	5.65
EER Cooling / COP Heating		3.14 / 3.52	3.13 / 3.51
SEER / Energy Efficiency Class - Cooling		5.60 / A+	5.80 / A+
SCOP / Energy Efficiency Class - Heating		3.80 / A	3.80 / A
Annual Energy Consumption Cool / Heat	kWh/a	269 / 1,177	313 / 1,398
Pdesign Cooling / Heating (-10°C)	kW	4.3 / 3.2	5.2 / 3.8
Indoor Dimensions (H x W x D)	mm	198×700×620	198×900×620
Outdoor Dimensions (H x W x D)	mm	542×799×290	542×799×290
Weight Indoor / Outdoor	kg	17.0 / 32.0	20.0 / 33.0
Sound Pressure Level Indoor - min/max	dB(A)	25 / 32	27 / 32
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 1/2"
Max Pipe Len. (Precharge) / Height Diff.	m	20 (15) / 15	20 (15) / 15
Additional Refrigerant Charge	g/m	20	20
Ref. Type (Global Warming Potential)		R32(675)	R32(675)
Refrigerant Charge kg / CO2eq-T		0.85/ 0.574	0.9/ 0.608
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 16

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Indoor Unit		ARXG09KLLAP	ARXG12KLLAP
Outdoor Unit		AOYG09KBTB	AOYG12KBTB
Nominal Cooling Capacity (Range)	kW	2.5 (0.9 - 3.2)	3.5 (0.9 - 4.4)
UK Cooling (Total / Sensible)	kW	2.37 / 1.86	3.39 / 2.54
Nominal Heating Capacity (Range)	kW	3.2 (0.9 - 4.7)	4.1 (0.9 - 5.7)
UK Heating	kW	4.21	5.06
EER Cooling / COP Heating		4.17 / 4.05	3.76 / 3.80
SEER / Energy Efficiency Class - Cooling		6.20 / A++	6.10 / A++
SCOP / Energy Efficiency Class - Heating		4.30 / A+	4.00 / A+
Annual Energy Consumption Cool / Heat	kWh/a	141 / 845	201 / 1,189
Pdesign Cooling / Heating (-10°C)	kW	2.5 / 2.6	3.5 / 3.4
Indoor Dimensions (H x W x D)	mm	198x700x620	198x700x620
Outdoor Dimensions (H x W x D)	mm	542x799x290	542x799x290
Weight Indoor / Outdoor	kg	17.0 / 32.0	17.0 / 33.0
Sound Pressure Level Indoor - min/max	dB(A)	24 / 28	24 / 29
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"
Max Pipe Len. (Precharge) / Height Diff.	m	20 (15) / 15	25 (15) / 20
Additional Refrigerant Charge	g/m	20	20
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		0.85 / 0.574	0.85 / 0.574
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10

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Indoor Unit		ARXG14KLLAP	ARXG18KLLAP
Outdoor Unit		AOYG14KBTB	AOYG18KBTB
Nominal Cooling Capacity (Range)	kW	4.3 (0.9 - 5.4)	5.2 (0.9 - 5.9)
UK Cooling (Total / Sensible)	kW	4.12 / 3.13	5.01 / 3.69
Nominal Heating Capacity (Range)	kW	5.0 (0.9 - 6.5)	6.0 (0.9 - 7.5)
UK Heating	kW	5.80	6.64
EER Cooling / COP Heating		3.36 / 3.79	3.35 / 3.70
SEER / Energy Efficiency Class - Cooling		5.80 / A+	6.20 / A++
SCOP / Energy Efficiency Class - Heating		3.90 / A	4.10 / A+
Annual Energy Consumption Cool / Heat	kWh/a	259 / 1,362	293 / 1,501
Pdesign Cooling / Heating (-10°C)	kW	4.3 / 3.8	5.2 / 4.4
Indoor Dimensions (H x W x D)	mm	198x700x620	198x900x620
Outdoor Dimensions (H x W x D)	mm	542x799x290	632x799x290
Weight Indoor / Outdoor	kg	17.0 / 33.0	20.0 / 36.0
Sound Pressure Level Indoor - min/max	dB(A)	25 / 32	27 / 32
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 1/2"
Max Pipe Len. (Precharge) / Height Diff.	m	25 (15) / 20	30 (20) / 20
Additional Refrigerant Charge	g/m	20	20
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		0.85 / 0.574	1.02 / 0.689
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 16

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