

Economy Series Compact & Comfort - Single Phase



Indoor Unit		ASYG09KPCA	ASYG12KPCA
Outdoor Unit		AOYG09KPCA	AOYG12KPCA
Nominal Cooling Capacity (Range)	kW	2.5 (0.9 - 3.0)	3.4 (0.9 - 3.7)
UK Cooling (Total / Sensible)	kW	2.42 / 1.59	3.29 / 2.14
Nominal Heating Capacity (Range)	kW	2.8 (0.9 - 3.8)	3.8 (0.9 - 4.8)
UK Heating	kW	3.17	3.84
EER Cooling / COP Heating		3.52 / 3.54	3.40 / 3.33
SEER / Energy Efficiency Class - Cooling		6.70 / A++	6.30 / A++
SCOP / Energy Efficiency Class - Heating		4.00 / A+	4.10 / A+
Annual Energy Consumption Cool / Heat	kWh/a	131 / 840	189 / 853
Pdesign Cooling / Heating (-10°C)	kW	2.5 / 2.4	3.4 / 2.5
Indoor Dimensions (H x W x D)	mm	270x784x224	270x784x224
Outdoor Dimensions (H x W x D)	mm	541x663x290	541x663x290
Weight Indoor / Outdoor	kg	8.0 / 23.0	8.0 / 25.0
Sound Pressure Level Indoor - min/max	dB(A)	22 / 45	22 / 46
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"
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		0.55 / 0.371	0.59 / 0.398
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10
Remote Controller		IR Included	IR Included
Outdoor Unit			
System Price			

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

Refer to page 004 for control options

Economy Series Comfort for Large Room - Single Phase



Indoor Unit		ASYG18KPCA	ASYG24KPCA
Outdoor Unit		AOYG18KPCA	AOYG24KPCA
Nominal Cooling Capacity (Range)	kW	5.2(0.9~5.5)	7.1(0.9~7.7)
UK Cooling (Total / Sensible)	kW	4.95 / 3.96	6.80 / 4.63
Nominal Heating Capacity (Range)	kW	6.3(0.6~7.6)	8.0(0.9~9.0)
UK Heating	kW	6.32	8.72
EER Cooling / COP Heating		3.09 / 3.50	2.93 / 3.60
SEER / Energy Efficiency Class - Cooling		7.20 / A++	7.10 / A++
SCOP / Energy Efficiency Class - Heating		4.30 / A+	4.00 / A+
Annual Energy Consumption Cool / Heat	kWh/a	253 / 1563	350 / 2485
Pdesign Cooling / Heating (-10°C)	kW	5.20 / 4.80	7.10 / 7.10
Indoor Dimensions (H x W x D)	mm	293x790x249	293x790x249
Outdoor Dimensions (H x W x D)	mm	542x799x290	632x799x290
Weight Indoor / Outdoor	kg	9.5 / 33.0	10.0 / 38.0
Sound Pressure Level Indoor - min/max	dB(A)	35 / 50	33 / 52
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 1/2"
Max Pipe Len. (Precharge) / Height Diff.	m	25 (15) / 20	30 (15) / 25
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	1.10/ 0.743
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 20
Indoor Unit			
Remote Controller		IR Included	IR Included
Outdoor Unit			

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

Refer to page 004 for control options

Standard Series High Efficiency & Comfort - Single Phase



Indoor Unit	ASYG07KMCC	ASYG09KMCC	ASYG12KMCC	ASYG14KMCC
Outdoor Unit	AOYG07KMCC	AOYG09KMCC	AOYG12KMCC	AOYG14KMCC
Nominal Cooling Capacity (Range)	kW 2.0 (0.9 - 3.0)	2.5 (0.9 - 3.2)	3.4 (0.9 - 3.9)	4.2 (0.9 - 4.4)
UK Cooling (Total / Sensible)	kW 1.97 / 1.17	2.46 / 1.56	3.33 / 2.15	3.95 / 3.21
Nominal Heating Capacity (Range)	kW 2.5 (0.9 - 3.4)	2.8 (0.9 - 4.0)	4.0 (0.9 - 5.3)	5.4 (0.9 - 6.0)
UK Heating	kW 2.89	3.40	4.51	5.11
EER Cooling / COP Heating	4.43 / 4.52	3.97 / 4.52	3.65 / 4.17	3.44 / 3.83
SEER / Energy Efficiency Class - Cooling	7.40 / A++	7.40 / A++	7.30 / A++	6.90 / A++
SCOP / Energy Efficiency Class - Heating	4.10 / A+	4.10 / A+	4.40 / A+	4.10 / A+
Annual Energy Consumption Cool / Heat	kWh/a 95 / 785	118 / 819	163 / 795	213 / 1367
Pdesign Cooling / Heating (-10°C)	kW 2.0 / 2.3	2.5 / 2.4	3.4 / 2.5	4.2 / 4.0
Indoor Dimensions (H x W x D)	mm 270x834x222	270x834x222	270x834x222	270x834x222
Outdoor Dimensions (H x W x D)	mm 541x663x290	541x663x290	541x663x290	542x799x290
Weight Indoor / Outdoor	kg 10.0 / 22.0	10.0 / 22.0	10.0 / 24.0	10.0 / 31.0
Sound Pressure Level Indoor - min/max	dB(A) 20 / 41	20 / 42	20 / 42	20 / 44
Pipe Size (Liquid - Gas)	mm 1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"
Max Pipe Len. (Precharge) / Height Diff.	m 20 (15) / 15	20 (15) / 15	20 (15) / 15	20 (15) / 15
Additional Refrigerant Charge	g/m 20	20	20	20
Ref. Type (Global Warming Potential)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T	0.6 / 0.405	0.6 / 0.405	0.7 / 0.473	0.85 / 0.574
Power Source / Suggested Fuse Size	1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10
Remote Controller	IR Included	IR Included	IR Included	IR Included

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

Refer to page 004 for control options

Standard Series High Efficiency & Large Room - Single Phase



Indoor Unit	ASYG18KMTA	ASYG24KMTA	ASYG30KMTA	ASYG36KMTA
Outdoor Unit	AOYG18KMTA	AOYG24KMTA	AOYG30KMTA	AOYG36KMTA
Nominal Cooling Capacity (Range)	kW 5.2(0.9 - 6.0)	7.1(0.9 - 8.3)	8.0 (2.9 - 9.0)	9.4(2.9 - 10.0)
UK Cooling (Total / Sensible)	kW 4.91 / 3.76	6.70 / 4.93	7.55 / 5.82	8.87 / 6.70
Nominal Heating Capacity (Range)	kW 6.3(0.9 - 8.7)	8.0(0.9 - 10.1)	8.8(2.2 - 11.0)	10.1(2.7 - 11.2)
UK Heating	kW 8.01	9.58	9.49	9.66
EER Cooling / COP Heating	3.74 / 4.04	3.41 / 4.19	3.43 / 4.00	2.97 / 3.70
SEER / Energy Efficiency Class - Cooling	7.77 / A++	7.28 / A++	6.67 / A++	6.14 / A++
SCOP / Energy Efficiency Class - Heating	4.56 / A+	4.18 / A+	4.54 / A+	4.52 / A+
Annual Energy Consumption Cool / Heat	kWh/a 234 / 1,472	341 / 2,372	419 / 2,001	535 / 2,198
Pdesign Cooling / Heating (-10°C)	kW 5.2 / 4.8	7.1 / 7.1	8.0 / 6.5	9.4 / 7.1
Indoor Dimensions (H x W x D)	mm 280 x 980 x 240	280 x 980 x 240	340x1,150x280	340x1,150x280
Outdoor Dimensions (H x W x D)	mm 632 x 799 x 290	716 x 820 x 315	788x940x320	788x940x320
Weight Indoor / Outdoor	kg 12.5 / 36.0	12.5 / 42.0	18.5 / 52.0	18.5 / 52.0
Sound Pressure Level Indoor - min/max	dB(A) 29 / 46	29 / 49	33 / 50	33 / 50
Pipe Size (Liquid - Gas)	mm 1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"	3/8" - 5/8"
Max Pipe Len. (Precharge) / Height Diff.	m 25(15) / 20	30(15) / 25	50(30) / 30	50(30) / 30
Additional Refrigerant Charge	g/m 20	20	40	40
Ref. Type (Global Warming Potential)	R32 (675)	R32 (675)	R32(675)	R32(675)
Refrigerant Charge kg / CO2eq-T	1.02/ 0.689	1.32/ 0.891	1.90/ 1.283	1.90/ 1.283
Power Source / Suggested Fuse Size	1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 16	1Ph-230V-50Hz / 25	1Ph-230V-50Hz / 25
Remote Controller	IR Included	IR Included	IR Included	IR Included

System operating range, -10°C (-15°C size 30 & 36) to 46°C Cooling -15°C to 24°C Heating

Refer to page 004 for control options

2020-21 WALL MOUNTED SPLITS - R32

Designer Series Cool Beauty Design - White - Single Phase



Indoor Unit		ASYG07KETA	ASYG09KETA	ASYG12KETA	ASYG14KETA
Outdoor Unit		AOYG07KETA	AOYG09KETA	AOYG12KETA	AOYG14KETA
Nominal Cooling Capacity (Range)	kW	2.0 (0.9 - 3.0)	2.5 (0.9 - 3.2)	3.4 (0.9 - 3.9)	4.2 (0.9 - 4.4)
UK Cooling (Total / Sensible)	kW	2.59 / 2.44	2.65 / 2.50	3.29 / 2.71	3.65 / 2.75
Nominal Heating Capacity (Range)	kW	2.5 (0.9 - 3.4)	2.8 (0.9 - 4.0)	4.0 (0.9 - 5.3)	5.4 (0.9 - 6.0)
UK Heating	kW	2.89	3.40	4.51	5.11
EER Cooling / COP Heating		4.43 / 4.52	3.97 / 4.52	3.65 / 4.17	3.44 / 3.83
SEER / Energy Efficiency Class - Cooling		7.40 / A++	7.40 / A++	7.30 / A++	6.90 / A++
SCOP / Energy Efficiency Class - Heating		4.10 / A+	4.10 / A+	4.40 / A+	4.10 / A+
Annual Energy Consumption Cool / Heat	kWh/a	95 / 785	118 / 819	163 / 795	213 / 1,367
Pdesign Cooling / Heating (-10°C)	kW	2.0 / 2.3	2.5 / 2.4	3.4 / 2.5	4.2 / 4.0
Indoor Dimensions (H x W x D)	mm	295x950 (wall side : 840)x230			
Outdoor Dimensions (H x W x D)	mm	541x663x290	541x663x290	541x663x290	542x799x290
Weight Indoor / Outdoor	kg	11.0 / 23.0	11.0 / 23.0	11.0 / 25.0	11.5 / 31.0
Sound Pressure Level Indoor - min/max	dB(A)	20 / 41	20 / 42	20 / 42	20 / 44
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"
Max Pipe Len. (Precharge) / Height Diff.	m	20 (15) / 15	20 (15) / 15	20 (15) / 15	20 (15) / 15
Additional Refrigerant Charge	g/m	20	20	20	20
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		0.6 / 0.405	0.6 / 0.405	0.7 / 0.473	0.85 / 0.574
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10
Remote Controller		IR Included	IR Included	IR Included	IR Included

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

Refer to page 004 for control options

Designer Series Cool Beauty Design - Silver - Single Phase



Indoor Unit		ASYG07KETA-B	ASYG09KETA-B	ASYG12KETA-B	ASYG14KETA-B
Outdoor Unit		AOYG07KETA	AOYG09KETA	AOYG12KETA	AOYG14KETA
Nominal Cooling Capacity (Range)	kW	2.0 (0.9 - 3.0)	2.5 (0.9 - 3.2)	3.4 (0.9 - 3.9)	4.2 (0.9 - 4.4)
UK Cooling (Total / Sensible)	kW	2.59 / 2.44	2.65 / 2.50	3.29 / 2.71	3.65 / 2.75
Nominal Heating Capacity (Range)	kW	2.5 (0.9 - 3.4)	2.8 (0.9 - 4.0)	4.0 (0.9 - 5.3)	5.4 (0.9 - 6.0)
UK Heating	kW	2.89	3.40	4.51	5.11
EER Cooling / COP Heating		4.43 / 4.52	3.97 / 4.52	3.65 / 4.17	3.44 / 3.83
SEER / Energy Efficiency Class - Cooling		7.40 / A++	7.40 / A++	7.30 / A++	6.90 / A++
SCOP / Energy Efficiency Class - Heating		4.10 / A+	4.10 / A+	4.40 / A+	4.10 / A+
Annual Energy Consumption Cool / Heat	kWh/a	95 / 785	118 / 819	163 / 795	213 / 1,367
Pdesign Cooling / Heating (-10°C)	kW	2.0 / 2.3	2.5 / 2.4	3.4 / 2.5	4.2 / 4.0
Indoor Dimensions (H x W x D)	mm	295x950 (wall side : 840)x230			
Outdoor Dimensions (H x W x D)	mm	541x663x290	541x663x290	541x663x290	542x799x290
Weight Indoor / Outdoor	kg	11.0 / 23.0	11.0 / 23.0	11.0 / 25.0	11.5 / 31.0
Sound Pressure Level Indoor - min/max	dB(A)	20 / 41	20 / 42	20 / 42	20 / 44
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"
Max Pipe Len. (Precharge) / Height Diff.	m	20 (15) / 15	20 (15) / 15	20 (15) / 15	20 (15) / 15
Additional Refrigerant Charge	g/m	20	20	20	20
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		0.6 / 0.405	0.6 / 0.405	0.7 / 0.473	0.85 / 0.574
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10
Remote Controller		IR Included	IR Included	IR Included	IR Included
£1,025					

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

Refer to page 004 for control options

Designer Series High Spec & Design - Single Phase



Indoor Unit		ASYG07KGTB	ASYG09KGTB	ASYG12KGTB	ASYG14KGTB
Outdoor Unit		AOYG07KGCA	AOYG09KGCA	AOYG12KGCA	AOYG14KGCA
Nominal Cooling Capacity (Range)	kW	2.0 (0.9 - 3.2)	2.5 (0.9 - 3.4)	3.4 (0.9 - 4.1)	4.2 (0.9 - 4.5)
UK Cooling (Total / Sensible)	kW	2.28 / 2.11	2.74 / 2.51	3.31 / 2.70	3.59 / 2.89
Nominal Heating Capacity (Range)	kW	2.5 (0.9 - 5.2)	2.8 (0.9 - 5.4)	4.0 (0.9 - 6.1)	5.4 (0.9 - 6.4)
UK Heating	kW	4.43	4.61	5.04	5.29
EER Cooling / COP Heating		5.00 / 5.00	4.50 / 5.00	4.22 / 4.40	3.57 / 4.00
SEER / Energy Efficiency Class - Cooling		8.52 / A+++	8.52 / A+++	8.51 / A+++	7.11 / A++
SCOP / Energy Efficiency Class - Heating		5.12 / A+++	5.11 / A+++	5.10 / A+++	4.31 / A+
Annual Energy Consumption Cool / Heat	kWh/a	82 / 628	103 / 658	140 / 685	207 / 1,298
Pdesign Cooling / Heating (-10°C)	kW	2.0 / 2.3	2.5 / 2.4	3.4 / 2.5	4.2 / 4.0
Indoor Dimensions (H x W x D)	mm	270x834x215	270x834x215	270x834x215	270x834x215
Outdoor Dimensions (H x W x D)	mm	542x799x290	542x799x290	542x799x290	542x799x290
Weight Indoor / Outdoor	kg	10.0 / 30.0	10.0 / 30.0	10.0 / 31.0	10.0 / 32.0
Sound Pressure Level Indoor - min/max	dB(A)	19 / 41	19 / 42	19 / 42	20 / 44
Pipe Size (Liquid - Gas)	mm	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"	1/4" - 3/8"
Max Pipe Len. (Precharge) / Height Diff.	m	20 (15) / 15	20 (15) / 15	20 (15) / 15	20 (15) / 15
Additional Refrigerant Charge	g/m	20	20	20	20
Ref. Type (Global Warming Potential)		R32 (675)	R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T		0.75 / 0.506	0.75 / 0.506	0.85 / 0.574	0.85 / 0.574
Power Source / Suggested Fuse Size		1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10	1Ph-230V-50Hz / 10
Remote Controller		IR Included	IR Included	IR Included	IR Included

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

R32 Wall Mounted Splits Control Options

Type		Hi-Spec	Designer	Standard		Eco
		ASYG..KG 07/09/12/14	ASYG..KE 07/09/12/14	ASYG..KM 07/09/12/14	ASYG..KM 18/24	ASYG..KM 30/36
Hi-Spec TP WRC	2-Wire	UTYRNRYZ3 + UTYTWRXZ2		UTYRNRYZ3 + UTYTWRXZ2		
Compact/ Simple TP WRC		UTYRCRYZ1 + UTYTWRXZ2		UTYRCRYZ1 + UTYTWRXZ2		
Simple WRC		UTYRSRY + UTYTWRXZ2 UTYRHRY + UTYTWRXZ2		UTYRSNYM + UTYTWBXF2		UTYRSRY + UTYTWRXZ2 UTYRHRY + UTYTWRXZ2
Standard WRC	3-Wire			UTYRVNYM + UTYTWBXF2		
Simple WRC				UTYRSNYM + UTYTWBXF2		
FGLair Wi-Fi App Controlled Interface		UTYTFSXW1	UTYTFSXF2	UTYTFSXW1	UTYTFSXF2	
Modbus BMS Interface		UTYVMSX				
KNX BMS Interface		UTYVKSX				
Network Convertor		UTYVTGX + UTYTWRXZ2		UTYVTGX UTYTWBXF2	UTYVTGX + UTYTWRXZ2	