

2020-21 4 WAY CASSETTE SPLITS - R32

Economy Range - Circular Flow Cassette - Single Phase



Indoor Unit	AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB
Outdoor Unit	AOYG18KATA	AOYG22KATA	AOYG24KATA	AOYG30KATA	AOYG36KATA
Nominal Cooling Capacity (Range)	kW 5.2(0.9 - 5.4)	6.0(0.9 - 6.3)	6.8(0.9 - 7.4)	8.5(2.8 - 9.6)	9.5(2.8 - 10.6)
UK Cooling (Total / Sensible)	kW 4.80 / 3.86	5.65 / 4.16	6.63 / 4.74	8.08 / 5.77	9.03 / 6.49
Nominal Heating Capacity (Range)	kW 6.0(0.9 - 6.3)	7.0(0.9 - 7.4)	7.5(0.9 - 8.6)	10.0(2.7 - 10.8)	10.8(2.7 - 12.5)
UK Heating	kW 5.65	6.37	7.43	9.29	10.75
EER Cooling / COP Heating	3.25 / 3.61	3.24 / 3.63	3.21 / 3.81	3.32 / 3.79	3.10 / 4.19
SEER / Energy Efficiency Class - Cooling	6.20 / A++	6.20 / A++	6.10 / A++	6.10 / A++	6.10 / A++
SCOP / Energy Efficiency Class - Heating	4.10 / A+	4.10 / A+	4.00 / A+	4.00 / A+	4.00 / A+
Annual Energy Consumption Cool / Heat	kWh/a 293 / 1,297	338 / 1,502	390 / 1,887	488 / 2,794	545 / 3,044
Pdesign Cooling / Heating (-10°C)	kW 5.2 / 3.8	6.0 / 4.4	6.8 / 5.4	8.5 / 8.0	9.5 / 8.7
Indoor Dimensions (H x W x D)	mm 246×840×840	246×840×840	246×840×840	288×840×840	288×840×840
Outdoor Dimensions (H x W x D)	mm 542×799×290	632×799×290	632×799×290	788×940×320	788×940×320
Weight Indoor / Outdoor	kg 23.0 / 33.0	23.0 / 36.0	24.0 / 38.0	26.0 / 52.0	29.0 / 52.0
Sound Pressure Level Indoor - min/max	dB(A) 28 / 33	28 / 33	29 / 35	33 / 40	34 / 44
Pipe Size (Liquid - Gas)	mm 1/4" - 1/2"	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"	3/8" - 5/8"
Max Pipe Len. (Precharge) / Height Diff.	m 20 (15) / 15	25 (15) / 20	25(20) / 20	30(30) / 30	30(30) / 30
Additional Refrigerant Charge	g/m 20	20	20	0	0
Ref. Type (Global Warming Potential)	R32(675)	R32(675)	R32(675)	R32(675)	R32(675)
Refrigerant Charge kg / CO2eq-T	0.9/ 0.608	1.1/ 0.743	1.25/ 0.844	1.90/ 1.283	1.90/ 1.283
Power Source / Suggested Fuse Size	1Ph-230V-50Hz / 16			1Ph-230V-50Hz / 20	1Ph-230V-50Hz / 25
Remote Controller Grille (UTGUKYAW)	RC inc with Grille	RC inc with Grille	RC inc with Grille	RC inc with Grille	RC inc with Grille

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

Economy Range - Circular Flow Cassette - Single & Three Phase



Indoor Unit	AUXG45KRLB	AUXG54KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB
Outdoor Unit	AOYG45KATA	AOYG54KATA	AOYG36KQTA	AOYG45KQTA	AOYG54KQTA
Nominal Cooling Capacity (Range)	kW 12.1(4.0 - 12.6)	13.4(4.5 - 13.8)	9.5(2.8 - 10.6)	12.1(4.0 - 12.6)	13.4(4.5 - 13.8)
UK Cooling (Total / Sensible)	kW 11.54 / 8.56	12.78 / 9.23	9.03 / 6.49	11.54 / 8.56	12.78 / 9.23
Nominal Heating Capacity (Range)	kW 13.5(4.2 - 15.0)	15.5(4.7 - 16.0)	10.8(2.7 - 12.5)	13.5(4.2 - 15.0)	15.5(4.7 - 16.0)
UK Heating	kW 13.65	14.56	10.75	13.65	14.56
EER Cooling / COP Heating	2.80 / 3.58	2.75 / 3.19	3.10 / 4.19	2.80 / 3.58	2.75 / 3.19
SEER / Energy Efficiency Class - Cooling	- / -	- / -	6.10 / A++	- / -	- / -
SCOP / Energy Efficiency Class - Heating	- / -	- / -	4.00 / A+	- / -	- / -
Annual Energy Consumption Cool / Heat	kWh/a - / -	- / -	545 / 3,044	- / -	- / -
Pdesign Cooling / Heating (-10°C)	kW - / -	- / -	9.5 / 8.7	- / -	- / -
Indoor Dimensions (H x W x D)	mm 288×840×840	288×840×840	288×840×840	288×840×840	288×840×840
Outdoor Dimensions (H x W x D)	mm 998×940×320	998×940×320	788×940×320	998×940×320	998×940×320
Weight Indoor / Outdoor	kg 29.0 / 61.0	29.0 / 63.0	29.0 / 53.0	29.0 / 62.0	29.0 / 63.0
Sound Pressure Level Indoor - min/max	dB(A) 35 / 46	36 / 47	34 / 44	35 / 46	36 / 47
Pipe Size (Liquid - Gas)	mm 3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Max Pipe Len. (Precharge) / Height Diff.	m 30(30) / 30	30(30) / 30	30(30) / 30	30(30) / 30	30(30) / 30
Additional Refrigerant Charge	g/m 0	0	0	0	0
Ref. Type (Global Warming Potential)	R32(675)	R32(675)	R32(675)	R32(675)	R32(675)
Refrigerant Charge kg / CO2eq-T	2.4/ 1.620	2.4/ 1.620	1.90/ 1.283	2.4/ 1.620	2.4/ 1.620
Power Source / Suggested Fuse Size	1Ph-230V-50Hz / 32		3Ph-400V-50Hz / 16 per phase		
Remote Controller Grille (UTGUKYAW)	RC inc with Grille	RC inc with Grille	RC inc with Grille	RC inc with Grille	RC inc with Grille

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

Refer to page 033 for control options

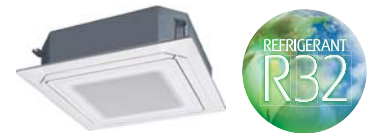
### Standard Range - Circular Flow Cassette - Single Phase



Indoor Unit	AUXG18KRLB	AUXG22KRLB	AUXG24KRLB	AUXG30KRLB	AUXG36KRLB
Outdoor Unit	AOYG18KBTB	AOYG22KBTB	AOYG24KBTB	AOYG30KBTB	AOYG36KBTB
Nominal Cooling Capacity (Range)	kW 5.2 (0.9 - 5.9)	6.0 (0.9 - 6.7)	6.8 (0.9 - 8.0)	8.5 (2.8 - 10.0)	9.5 (2.8 - 11.2)
UK Cooling (Total / Sensible)	kW 5.01 / 4.03	5.85 / 4.30	6.63 / 4.74	8.08 / 5.77	9.03 / 6.49
Nominal Heating Capacity (Range)	kW 6.0 (0.9 - 7.5)	7.0 (0.9 - 8.0)	7.5 (0.9 - 9.1)	10.0 (2.7 - 11.2)	10.8 (2.7 - 12.7)
UK Heating	kW 6.64	6.91	7.66	9.63	10.92
EER Cooling / COP Heating	3.82 / 3.80	3.51 / 3.85	3.60 / 3.95	3.49 / 3.98	3.26 / 4.40
SEER / Energy Efficiency Class - Cooling	7.00 / A++	7.00 / A++	6.60 / A++	6.70 / A++	6.55 / A++
SCOP / Energy Efficiency Class - Heating	4.30 / A+	4.40 / A+	4.20 / A+	4.30 / A+	4.30 / A+
Annual Energy Consumption Cool / Heat	kWh/a 260 / 1,431	300 / 1,527	360 / 1,999	444 / 2,601	507 / 2,828
Pdesign Cooling / Heating (-10°C)	kW 5.2 / 4.4	6.0 / 4.8	6.8 / 6.0	8.5 / 8.0	9.5 / 8.7
Indoor Dimensions (H x W x D)	mm 246x840x840	246x840x840	246x840x840	288x840x840	288x840x840
Outdoor Dimensions (H x W x D)	mm 632x799x290	632x799x290	716x820x315	788x940x320	788x940x320
Weight Indoor / Outdoor	kg 23.0 / 36.0	23.0 / 38.0	24.0 / 42.0	26.0 / 52.0	29.0 / 52.0
Sound Pressure Level Indoor - min/max	dB(A) 28 / 33	28 / 33	29 / 35	33 / 40	34 / 44
Pipe Size (Liquid - Gas)	mm 1/4" - 1/2"	1/4" - 1/2"	1/4" - 1/2"	3/8" - 5/8"	3/8" - 5/8"
Max Pipe Len. (Precharge) / Height Diff.	m 30 (20) / 20	30 (20) / 25	30 (20) / 25	50 (30) / 30	50 (30) / 30
Additional Refrigerant Charge	g/m 20	20	20	40	40
Ref. Type (Global Warming Potential)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T	1.02 / 0.689	1.25 / 0.844	1.25 / 0.844	1.90 / 1.283	1.90 / 1.283
Power Source / Suggested Fuse Size	1Ph-230V-50Hz / 16			1Ph-230V-50Hz / 25	
Remote Controller Grille (UTGUKYAW)	RC inc with Grille	RC inc with Grille	RC inc with Grille	RC inc with Grille	RC inc with Grille

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

### Standard Range - Circular Flow Cassette - Single & Three Phase



Indoor Unit	AUXG45KRLB	AUXG54KRLB	AUXG36KRLB	AUXG45KRLB	AUXG54KRLB
Outdoor Unit	AOYG45KBTB	AOYG54KBTB	AOYG36KRTA	AOYG45KRTA	AOYG54KRTA
Nominal Cooling Capacity (Range)	kW 12.1 (4.0 - 14.0)	13.4 (4.5 - 14.5)	9.5 (2.8 - 11.2)	12.1 (4.0 - 14.0)	13.4 (4.5 - 14.5)
UK Cooling (Total / Sensible)	kW 11.54 / 8.56	12.78 / 9.23	9.03 / 6.49	11.54 / 8.56	12.78 / 9.23
Nominal Heating Capacity (Range)	kW 13.5 (4.2 - 16.2)	15.5 (4.7 - 16.5)	10.8 (2.7 - 12.7)	13.5 (4.2 - 16.2)	15.5 (4.7 - 16.5)
UK Heating	kW 14.74	15.02	10.92	14.74	15.02
EER Cooling / COP Heating	3.35 / 4.20	3.04 / 3.73	3.26 / 4.40	3.35 / 4.20	3.04 / 3.73
SEER / Energy Efficiency Class - Cooling	6.65 / -	6.53 / -	6.55 / A++	6.65 / -	6.53 / -
SCOP / Energy Efficiency Class - Heating	4.33 / -	4.31 / -	4.30 / A+	4.33 / -	4.31 / -
Annual Energy Consumption Cool / Heat	kWh/a - / -	- / -	507 / 2,828	- / -	- / -
Pdesign Cooling / Heating (-10°C)	kW - / -	- / -	9.5 / 8.7	- / -	- / -
Indoor Dimensions (H x W x D)	mm 288x840x840	288x840x840	288x840x840	288x840x840	288x840x840
Outdoor Dimensions (H x W x D)	mm 998x940x320	998x940x320	788x940x320	998x940x320	998x940x320
Weight Indoor / Outdoor	kg 29.0 / 67.0	29.0 / 67.0	29.0 / 53.0	29.0 / 67.0	29.0 / 67.0
Sound Pressure Level Indoor - min/max	dB(A) 35 / 46	36 / 47	34 / 44	35 / 46	36 / 47
Pipe Size (Liquid - Gas)	mm 3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"	3/8" - 5/8"
Max Pipe Len. (Precharge) / Height Diff.	m 50 (30) / 30	50 (30) / 30	50 (30) / 30	50 (30) / 30	50 (30) / 30
Additional Refrigerant Charge	g/m 40	40	40	40	40
Ref. Type (Global Warming Potential)	R32 (675)	R32 (675)	R32 (675)	R32 (675)	R32 (675)
Refrigerant Charge kg / CO2eq-T	2.70 / 1.823	2.70 / 1.823	1.90 / 1.283	2.70 / 1.823	2.70 / 1.823
Power Source / Suggested Fuse Size	1Ph-230V-50Hz / 32			3Ph-400V-50Hz / 16	
Remote Controller Grille (UTGUKYAW) Outdoor Unit	RC inc with Grille	RC inc with Grille	RC inc with Grille	RC inc with Grille	RC inc with Grille

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