

## ECA Qualification list - UK Splits & Multi's.

### ECA Qualification Criteria Table

Table 1 Performance requirements for air source split and multi-split heat pumps

Rated Cooling Capacity		>12kW		≤12kW	
Product Category		Heating mode (COP)	Cooling mode (EER)	Heating mode (SCOP)	Cooling mode (SEER)
1.	Air source: single split (non-VRF) heat pumps	>3.70	>3.20	≥4.00	≥6.10
2.	Air source: dual split (non-VRF) heat pumps	>3.70	>3.20	≥4.00	≥6.10
3.	Air source: multi-split (non-VRF) heat pumps	>3.70	>3.20	≥4.00	≥6.10
4.	Air source: split or multi-split variable refrigerant flow (VRF) heat pumps	>3.80	>3.40	N/A	N/A

">" means "greater than" and "≥" means "greater than or equal to"

For the avoidance of doubt test data should be presented to 2 decimal places. As an example, a 20kW air source, single split (non-VRF) heat pump product with a heating mode COP of 3.70 would be deemed to be a fail.

#### Under 12kW Min Efficiency

SEER **6.1**  
SCOP **4.0**

#### Over 12kW Min Efficiency

EER **3.2**  
COP **3.7**

Type	In/Out	Unit Name	Capacity (kW)		Efficiency (W/W)		Efficiency (W/W)		ECA
			Heating	Cooling	COP	EER	SCOP	SEER	
ASYG**LLCC Wall Mount	Indoor	ASYG09LLCC							
	Outdoor	AOYG09LLCC	3.00	2.50			4.00	6.90	YES
	Indoor	ASYG12LLCC							
	Outdoor	AOYG12LLCC	4.00	3.40			3.80	6.60	NO
ASYG**LT Wall Mount	Indoor	ASYG09LTCA							
	Outdoor	AOYG09LTC	3.20	2.50			4.60	8.50	YES
	Indoor	ASYG12LTCA							
	Outdoor	AOYG12LTC	4.00	3.50			4.60	8.50	YES
ASYG**LU Wall Mount	Indoor	ASYG07LUCA							
	Outdoor	AOYG07LUCA	3.00	2.00			4.10	7.20	YES
	Indoor	ASYG09LUCA							
	Outdoor	AOYG09LUCB	3.20	2.50			4.10	7.10	YES
	Indoor	ASYG12LUCA							
	Outdoor	AOYG12LUC	4.00	3.50			4.00	7.05	YES
	Indoor	ASYG14LUCA							
	Outdoor	AOYG14LUC	5.40	4.20			4.00	6.78	YES
ASYG**LM Wall Mount	Indoor	ASYG07LMCA							
	Outdoor	AOYG07LMCA	3.00	2.00			4.10	7.10	YES
	Indoor	ASYG09LMCA							
	Outdoor	AOYG09LMCA	3.20	2.50			4.10	7.00	YES
	Indoor	ASYG12LMCA							
	Outdoor	AOYG12LMCA	4.00	3.40			4.00	7.00	YES
	Indoor	ASYG14LMCA							
	Outdoor	AOYG14LMCA	5.00	4.00			4.00	6.70	YES
ASYG**LF Wall Mount	Indoor	ASYG18LFCA							
	Outdoor	AOYG18LFC	6.30	5.20			3.87	6.94	NO
	Indoor	ASYG24LFCC							
	Outdoor	AOYG24LFCC	8.00	7.10			3.80	6.11	NO
	Indoor	ASYG30LFCA							
	Outdoor	AOYG30LFT	8.80	8.00			3.80	5.69	NO
	Indoor	ASYG30LMTA							
<b>NEW</b> ASYG**LMTA	Outdoor	AOYG30LMTA	8.80	8.00			4.15	6.35	YES
	Indoor	ASYG36LMTA							
	Outdoor	AOYG36LMTA	10.10	9.40			4.19	5.73	NO

Type	In/Out	Unit Name	Capacity (kW)		Efficiency (W/W)		Efficiency (W/W)		ECA
			Heating	Cooling	COP	EER	SCOP	SEER	YES/NO
AGYG Floor	Indoor	AGYG09LVCA	3.50	2.60			4.20	7.00	YES
	Outdoor	AOYG09LVCA							
	Indoor	AGYG12LVCA	4.50	3.50			4.00	6.50	YES
	Outdoor	AOYG12LVCA							
Indoor	AGYG14LVCA	5.20	4.20			4.00	6.40	YES	
Outdoor	AOYG14LVCA								
ABYG Ceiling / Wall	Indoor	ABYG18LVTB	6.00	5.20			4.00	6.10	YES
	Outdoor	AOYG18LALL							
	Indoor	ABYG24LVTA	8.00	6.80			3.90	5.60	NO
	Outdoor	AOYG24LALA							
ABYG Under Ceiling	Indoor	ABYG30LRTE	10.00	8.50			4.20	6.10	YES
	Outdoor	AOYG30LETL							
	Indoor	ABYG36LRTE	11.20	9.40			4.10	6.00	NO
	Outdoor	AOYG36LETL							
	Indoor	ABYG45LRTA	13.30	12.10	3.61	3.21	-	-	NO
	Outdoor	AOYG45LETL							
	Indoor	ABYG36LRTA	11.20	10.00			4.10	6.10	YES
	Outdoor	AOYG36LATT							
Indoor	ABYG45LRTA	14.00	12.50	3.61	3.21	-	-	NO	
Outdoor	AOYG45LATT								
Indoor	ABYG54LRTA	16.00	14.00	3.43	3.01	-	-	NO	
Outdoor	AOYG54LATT								
AUYG Compact 4-way Cassette	Indoor	AUYG12LVLB	4.10	3.50			4.10	6.20	YES
	Outdoor	AOYG12LALL							
	Indoor	AUYG14LVLB	5.00	4.30			4.40	6.40	YES
	Outdoor	AOYG14LALL							
	Indoor	AUYG18LVLB	6.00	5.20			4.20	6.20	YES
	Outdoor	AOYG18LALL							
Indoor	AUYG24LVLA	8.00	6.80			3.90	5.60	NO	
Outdoor	AOYG24LALA								
AUYG 4-way Cassette	Indoor	AUYG30LRLE	10.00	8.50			4.30	6.50	YES
	Outdoor	AOYG30LETL							
	Indoor	AUYG36LRLE	11.20	10.00			4.20	6.30	YES
	Outdoor	AOYG36LETL 1ph							
	Indoor	AUYG45LRLE	14.00	12.50	3.71	3.22	-	-	YES
	Outdoor	AOYG45LETL 1ph							
	Indoor	AUYG54LRLE	16.00	13.30	3.41	3.01	-	-	NO
	Outdoor	AOYG54LETL 1ph							
Indoor	AUYG36LRLE	11.20	10.00			4.30	6.50	YES	
Outdoor	AOYG36LATT 3ph								
Indoor	AUYG45LRLE	14.00	12.50	3.91	3.53	-	-	YES	
Outdoor	AOYG45LATT 3ph								
Indoor	AUYG54LRLE	16.00	14.00	3.61	3.21	-	-	NO	
Outdoor	AOYG54LATT 3ph								
New AUXG Circular Flow Cassette	Indoor	AUXG18LRLB	6.00	5.20			4.40	7.05	YES
	Outdoor	AOYG18LRLB							
	Indoor	AUXG24LRLB	7.80	6.80			4.20	6.60	YES
	Outdoor	AOYG24LRLB							
	Indoor	AUXG30LRLB	10.00	8.50			4.30	6.70	YES
	Outdoor	AOYG30LRLB							
	Indoor	AUXG36LRLB	10.80	9.50			4.30	6.40	YES
	Outdoor	AOYG36LRLB 1ph							
Indoor	AUXG45LRLB	14.00	12.50	3.75	3.25			NO	
Outdoor	AOYG45LRLB 1ph								
Indoor	AUXG54LRLB	15.80	13.30	3.45	3.04			NO	
Outdoor	AOYG54LRLB 1ph								
ARYG Slim Duct	Indoor	ARYG12LLTB	4.10	3.50			4.00	5.90	NO
	Outdoor	AOYG12LALL							
	Indoor	ARYG14LLTB	5.00	4.30			3.90	5.80	NO
	Outdoor	AOYG14LALL							
Indoor	ARYG18LLTB	6.00	5.20			4.10	6.20	YES	
Outdoor	AOYG18LALL								

Type	In/Out	Unit Name	Capacity (kW)		Efficiency (W/W)		Efficiency (W/W)		ECA
			Heating	Cooling	COP	EER	SCOP	SEER	YES/NO
ARYG Med Static Duct	Indoor	ARYG24LMLA	8.00	6.80			4.00	6.20	YES
	Outdoor	AOYG24LALA							YES
	Indoor	ARYG30LMLE	10.00	8.50			3.90	5.90	NO
	Outdoor	AOYG30LETL							NO
	Indoor	ARYG36LMLE	11.20	9.40			3.80	5.70	NO
	Outdoor	AOYG36LETL 1ph							NO
	Indoor	ARYG45LMLA	13.30	12.10	3.61	3.21	-	-	NO
Outdoor	AOYG45LETL 1ph	NO							
Indoor	ARYG36LMLA	11.20	10.00			4.00	5.80	NO	
Outdoor	AOYG36LATT 3ph							NO	
Indoor	ARYG45LMLA	14.00	12.50	3.61	3.21	-	-	NO	
Outdoor	AOYG45LATT 3ph							NO	
New ARYG Med Static Duct	Indoor	ARYG12LHTBP	4.10	3.50			4.10	6.20	YES
	Outdoor	AOYG12LBCA							Future release
	Indoor	ARYG14LHTBP	5.00	4.30			4.00	6.10	YES
	Outdoor	AOYG14LBCA							Future release
	Indoor	ARYG18LHTBP	6.00	5.20			4.11	7.15	YES
	Outdoor	AOYG18LBCA							YES
	Indoor	ARYG24LHTBP	8.00	6.80			4.01	6.50	YES
	Outdoor	AOYG24LBCA							YES
	Indoor	ARYG30LHTBP	10.00	8.50			3.95	5.95	NO
Outdoor	AOYG30LBCA	NO							
Indoor	ARYG36LHTBP	11.20	9.40			3.81	5.81	NO	
Outdoor	AOYG36LBCA							NO	
Indoor	ARYG45LHTBP	13.30	12.10	3.87	3.37			YES	
Outdoor	AOYG45LBCA							YES	
Indoor	ARYG54LHTBP	16.00	13.40	3.46	3.03			NO	
Outdoor	AOYG54LBCA							NO	
ARYG Hi Static Duct	Indoor	ARYG45LHTA	14.00	12.50	3.68	2.91	-	-	NO
	Outdoor	AOYG45LETL 1ph							NO
	Indoor	ARYG54LHTA	16.00	13.40	3.41	2.81	-	-	NO
	Outdoor	AOYG54LETL 1ph							NO
	Indoor	ARYG45LHTA	14.00	12.50	3.81	3.08	-	-	NO
	Outdoor	AOYG45LATT 3ph							NO
	Indoor	ARYG54LHTA	16.00	14.00	3.66	3.01	-	-	NO
	Outdoor	AOYG54LATT 3ph							NO
Indoor	ARYG60LHTA	18.00	15.00	3.50	3.19	-	-	NO	
Outdoor	AOYG60LATT 3ph							NO	
Indoor	ARYC72LHTA	22.60	20.30	3.60	3.25	-	-	NO	
Outdoor	AOYA72LALT 3ph							NO	
Indoor	ARYC90LHTA	28.00	25.00	3.40	3.20	-	-	NO	
Outdoor	AOYA90LALT 3ph							NO	
Multi - Outdoor only	Outdoor	AOYG14LAC2	4.40	4.00			4.10	6.70	YES
	Outdoor	AOYG18LAC2	5.60	5.00			4.10	6.60	YES
	Outdoor	AOYG18LAT3	6.80	5.40			4.30	6.90	YES
	Outdoor	AOYG24LAT3	8.00	6.80			4.20	6.40	YES
	Outdoor	AOYG30LAT4 1ph	9.60	8.00			4.00	6.20	YES
	Outdoor	AOYG45LAT8 1ph	16.00	14.00	3.16	2.69	-	-	NO
	Outdoor	AOYG36LATT 3ph	11.20	10.00	-	-	4.00	6.00	NO
	Outdoor	AOYG45LATT 3ph	14.50	12.50	3.61	3.21	-	-	NO
Outdoor	AOYG54LATT 3ph	16.00	14.00	3.43	3.01	-	-	NO	

All systems are tested in accordance with BS EN 14825:2013 which complies with the latest ECA eligibility requirements - revised 2014.

For full details see:

[https://www.gov.uk/government/uploads/system/uploads/attachment\\_data/file/385490/2014\\_Air\\_source\\_split\\_multi\\_split.pdf](https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/385490/2014_Air_source_split_multi_split.pdf)