

Air Cooled chiller with scroll compressors

EWAT~B

- Nominal capacity range 81 - 701 kW
- 2 efficiency levels
- 3 sound configuration
- Full packaged solution
- R32 refrigerant



Performance according to EN14511.



www.eurovent-certification.com



EWAT~B-SS

MODEL	Sound pressure level at 1 m from the unit (rif. 2 x 10 ⁻⁵ Pa)									Sound Power	
	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	db(A)	db (A)	
85	61.4	66.3	65.6	63.2	62.4	60.1	57.5	51.8	67.4	85	
115	64.5	69.4	68.7	66.3	65.5	63.2	60.6	54.9	70.5	88	
135	66.0	70.9	70.1	67.8	66.9	64.7	62.1	56.4	72.0	90	
155	63.5	68.4	67.7	65.3	64.5	62.2	59.6	53.9	69.5	88	
175	67.8	72.6	71.9	69.6	68.7	66.5	63.9	58.1	73.8	92	
195	65.3	70.1	69.4	67.1	66.2	64.0	61.4	55.6	71.3	90	
205	66.3	71.2	70.5	68.1	67.3	65.0	62.4	56.7	72.3	91	
215	68.8	73.7	73.0	70.6	69.8	67.5	64.9	59.2	74.8	93	
240	68.3	73.2	72.4	70.1	69.3	67.0	64.4	58.7	74.3	93	
260	68.8	73.7	73.0	70.6	69.8	67.5	64.9	59.2	74.8	94	
290	69.8	74.7	74.0	71.6	70.8	68.5	65.9	60.2	75.8	95	
310	69.4	74.3	73.6	71.2	70.4	68.1	65.5	59.8	75.4	95	
330	69.8	74.6	73.9	71.6	70.7	68.5	65.9	60.1	75.8	95	
340	70.6	75.5	74.7	72.4	71.6	69.3	66.7	61.0	76.6	96	
350	70.1	75.0	74.2	71.9	71.1	68.8	66.2	60.5	76.1	96	
420	70.7	75.6	74.9	72.5	71.7	69.4	66.8	61.1	76.7	97	
460	71.0	75.9	75.2	72.8	72.0	69.7	67.1	61.4	77.0	97	
510	71.6	76.5	75.8	73.4	72.6	70.3	67.7	62.0	77.6	98	
570	71.9	76.7	76.0	73.7	72.8	70.6	68.0	62.2	77.9	98	
610	71.9	76.8	76.1	73.7	72.9	70.6	68.0	62.3	77.9	98	
670	72.2	77.1	76.3	74.0	73.1	70.9	68.3	62.6	78.2	99	

EWAT~B-SL

MODEL	Sound pressure level at 1 m from the unit (rif. 2 x 10 ⁻⁵ Pa)									Sound Power	
	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	db(A)	db (A)	
85	60.3	65.2	64.5	62.1	61.3	59.0	56.4	50.7	66.3	84	
115	62.5	67.4	66.6	64.3	63.4	61.2	58.6	52.9	68.5	86	
135	63.3	68.2	67.4	65.1	64.2	62.0	59.4	53.7	69.3	87	
155	62.4	67.3	66.5	64.2	63.3	61.1	58.5	52.8	68.4	87	
175	64.7	69.6	68.9	66.5	65.7	63.4	60.8	55.1	70.7	89	
195	63.5	68.4	67.7	65.3	64.5	62.2	59.6	53.9	69.5	88	
205	64.0	68.9	68.2	65.8	65.0	62.8	60.1	54.4	70.1	89	
215	65.6	70.5	69.8	67.4	66.6	64.3	61.7	56.0	71.6	90	
240	65.8	70.7	69.9	67.6	66.7	64.5	61.9	56.2	71.8	91	
260	65.8	70.7	70.0	67.6	66.8	64.5	61.9	56.2	71.8	91	
290	66.0	70.9	70.1	67.8	66.9	64.7	62.1	56.4	72.0	91	
310	66.3	71.2	70.5	68.1	67.3	65.0	62.4	56.7	72.3	92	
330	66.3	71.2	70.5	68.1	67.3	65.1	62.5	56.7	72.4	92	
340	67.1	72.0	71.3	68.9	68.1	65.9	63.2	57.5	73.2	93	
350	66.4	71.3	70.5	68.2	67.4	65.1	62.5	56.8	72.4	92	
420	67.3	72.2	71.5	69.1	68.3	66.0	63.4	57.7	73.3	93	
460	67.4	72.3	71.5	69.2	68.3	66.1	63.5	57.7	73.4	93	
510	68.0	72.8	72.1	69.8	68.9	66.7	64.1	58.3	74.0	94	
570	68.0	72.9	72.1	69.8	69.0	66.7	64.1	58.4	74.0	94	
610	68.1	73.0	72.2	69.9	69.0	66.8	64.2	58.5	74.1	95	
670	68.6	73.4	72.7	70.3	69.5	67.3	64.7	58.9	74.6	95	

Sound power level (referred to evaporator 12/7°C, ambient 35°C full load operation) are measured in accordance with ISO 9614 and Eurovent 8/1 for Eurovent certified units. The certification refers only to the overall sound power level. The sound data in the Octave band spectrum is for intended for reference only and not considering binding. The sound pressure is calculated from the sound power level and are for information only and not considered binding.

EWAT~B-SR

MODEL	Sound pressure level at 1 m from the unit (rif. 2 x 10 ⁻⁵ Pa)									Sound Power	
	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	db(A)	db (A)	
85	55.2	60.1	59.4	57.0	56.2	53.9	51.3	45.6	61.2	79	
115	58.7	63.6	62.9	60.5	59.7	57.4	54.8	49.1	64.7	83	
135	60.4	65.3	64.6	62.2	61.4	59.1	56.5	50.8	66.4	84	
155	57.3	62.2	61.4	59.1	58.2	56.0	53.4	47.7	63.3	82	
175	62.3	67.2	66.5	64.1	63.3	61.0	58.4	52.7	68.3	86	
195	59.3	64.2	63.5	61.1	60.3	58.0	55.4	49.7	65.3	84	
205	60.6	65.5	64.8	62.4	61.6	59.3	56.7	51.0	66.6	85	
215	63.4	68.3	67.6	65.2	64.4	62.1	59.5	53.8	69.4	88	
240	62.1	66.9	66.2	63.9	63.0	60.8	58.2	52.4	68.1	87	
260	62.2	67.1	66.4	64.0	63.2	60.9	58.3	52.6	68.2	87	
290	62.5	67.4	66.7	64.3	63.5	61.2	58.6	52.9	68.5	88	
310	62.7	67.6	66.8	64.5	63.6	61.4	58.8	53.1	68.7	88	
330	62.8	67.7	66.9	64.6	63.8	61.5	58.9	53.2	68.8	88	
340	63.6	68.5	67.8	65.4	64.6	62.3	59.7	54.0	69.6	89	
350	62.9	67.8	67.1	64.7	63.9	61.6	59.0	53.3	68.9	88	
420	63.8	68.7	67.9	65.6	64.7	62.5	59.9	54.2	69.8	90	
460	63.9	68.8	68.0	65.7	64.8	62.6	60.0	54.2	69.9	90	
510	64.5	69.3	68.6	66.3	65.4	63.2	60.6	54.8	70.5	90	
570	64.5	69.4	68.7	66.3	65.5	63.2	60.6	54.9	70.5	91	
610	64.6	69.5	68.8	66.4	65.6	63.3	60.7	55.0	70.6	91	
670	65.0	69.9	69.2	66.8	66.0	63.8	61.2	55.4	71.1	92	

EWAT~B-XS

MODEL	Sound pressure level at 1 m from the unit (rif. 2 x 10 ⁻⁵ Pa)									Sound Power	
	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	db(A)	db (A)	
85	62.3	67.2	66.5	64.1	63.3	61.0	58.4	52.7	68.3	86	
115	64.8	69.7	69.0	66.6	65.8	63.5	60.9	55.2	70.8	89	
145	66.2	71.0	70.3	68.0	67.1	64.9	62.3	56.5	72.2	91	
180	66.3	71.1	70.4	68.1	67.2	65.0	62.4	56.6	72.3	91	
185	67.7	72.6	71.8	69.5	68.6	66.4	63.8	58.1	73.7	92	
200	67.0	71.9	71.2	68.8	68.0	65.8	63.1	57.4	73.1	92	
220	67.7	72.6	71.9	69.5	68.7	66.4	63.8	58.1	73.7	93	
230	69.3	74.1	73.4	71.1	70.2	68.0	65.4	59.6	75.3	95	
250	68.3	73.2	72.5	70.1	69.3	67.0	64.4	58.7	74.3	94	
280	69.1	74.0	73.3	70.9	70.1	67.8	65.2	59.5	75.1	95	
300	70.1	74.9	74.2	71.9	71.0	68.8	66.2	60.4	76.1	96	
310	69.5	74.4	73.7	71.3	70.5	68.2	65.6	59.9	75.5	95	
320	69.9	74.7	74.0	71.7	70.8	68.6	66.0	60.2	75.9	95	
360	70.4	75.3	74.6	72.2	71.4	69.1	66.5	60.8	76.4	96	
370	70.3	75.1	74.4	72.0	71.2	69.0	66.4	60.6	76.3	96	
430	71.0	75.9	75.1	72.8	71.9	69.7	67.1	61.3	77.0	97	
470	71.2	76.1	75.3	73.0	72.1	69.9	67.3	61.5	77.2	98	
540	71.6	76.5	75.8	73.4	72.6	70.3	67.7	62.0	77.6	98	
600	71.8	76.7	76.0	73.6	72.8	70.5	67.9	62.2	77.8	99	
660	71.9	76.8	76.0	73.7	72.8	70.6	68.0	62.3	77.9	99	
700	72.3	77.2	76.4	74.1	73.2	71.0	68.4	62.7	78.3	99	

Sound power level (referred to evaporator 12/7°C, ambient 35°C full load operation) are measured in accordance with ISO 9614 and Eurovent 8/1 for Eurovent certified units. The certification refers only to the overall sound power level. The sound data in the Octave band spectrum is for intended for reference only and not considering binding. The sound pressure is calculated from the sound power level and are for information only and not considered binding.

EWAT~B-XL

MODEL	Sound pressure level at 1 m from the unit (rif. 2 x 10 ⁻⁵ Pa)									Sound Power
	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	db(A)	db (A)
85	61.5	66.4	65.6	63.3	62.5	60.2	57.6	51.9	67.5	85
115	63.1	68.0	67.2	64.9	64.0	61.8	59.2	53.5	69.1	87
145	64.1	69.0	68.2	65.9	65.0	62.8	60.2	54.4	70.1	89
180	65.6	70.5	69.7	67.4	66.5	64.3	61.7	56.0	71.6	91
185	64.9	69.8	69.1	66.7	65.9	63.6	61.0	55.3	70.9	89
200	65.7	70.5	69.8	67.5	66.6	64.4	61.8	56.0	71.7	91
220	65.7	70.6	69.9	67.5	66.7	64.4	61.8	56.1	71.7	91
230	66.3	71.2	70.4	68.1	67.2	65.0	62.4	56.7	72.3	92
250	66.2	71.1	70.3	68.0	67.1	64.9	62.3	56.5	72.2	92
280	67.0	71.9	71.1	68.8	67.9	65.7	63.1	57.3	73.0	93
300	66.3	71.2	70.4	68.1	67.2	65.0	62.4	56.7	73.1	93
310	67.0	71.9	71.2	68.8	68.0	65.7	63.1	57.4	73.0	93
320	67.0	71.9	71.2	68.8	68.0	65.8	63.2	57.4	73.1	93
360	67.3	72.2	71.4	69.1	68.3	66.0	63.4	57.7	73.3	93
370	67.3	72.2	71.4	69.1	68.2	66.0	63.4	57.6	73.3	93
430	67.9	72.8	72.0	69.7	68.8	66.6	64.0	58.2	73.9	94
470	68.0	72.9	72.1	69.8	68.9	66.7	64.1	58.3	74.0	94
540	68.4	73.3	72.6	70.2	69.4	67.1	64.5	58.8	74.4	95
600	68.8	73.7	73.0	70.6	69.8	67.5	64.9	59.2	74.8	96
660	68.8	73.7	73.0	70.6	69.8	67.5	64.9	59.2	74.8	96
700	69.2	74.0	73.3	71.0	70.1	67.9	65.3	59.5	75.2	96

EWAT~B-XR

MODEL	Sound pressure level at 1 m from the unit (rif. 2 x 10 ⁻⁵ Pa)									Sound Power
	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	db(A)	db (A)
85	54.2	59.1	58.3	56.0	55.1	52.9	50.3	44.6	60.2	78
115	57.9	62.8	62.0	59.7	58.8	56.6	54.0	48.3	63.9	82
145	59.6	64.5	63.7	61.4	60.5	58.3	55.7	50.0	65.6	84
180	59.3	64.1	63.4	61.1	60.2	58.0	55.4	49.6	65.3	84
185	61.6	66.5	65.8	63.4	62.6	60.4	57.7	52.0	67.7	86
200	59.5	64.4	63.7	61.3	60.5	58.2	55.6	49.9	65.5	85
220	59.8	64.7	63.9	61.6	60.7	58.5	55.9	50.1	65.8	85
230	60.7	65.6	64.8	62.5	61.6	59.4	56.8	51.1	66.7	86
250	60.3	65.2	64.4	62.1	61.2	59.0	56.4	50.6	66.3	86
280	61.1	66.0	65.2	62.9	62.0	59.8	57.2	51.4	67.1	87
300	61.5	66.4	65.6	63.3	62.4	60.2	57.6	51.8	67.5	87
310	61.2	66.1	65.4	63.0	62.2	59.9	57.3	51.6	67.2	87
320	61.4	66.3	65.5	63.2	62.3	60.1	57.5	51.8	67.4	87
360	61.7	66.6	65.9	63.5	62.7	60.5	57.9	52.1	67.8	88
370	61.7	66.6	65.8	63.5	62.6	60.4	57.8	52.0	67.7	88
430	62.3	67.2	66.5	64.1	63.3	61.0	58.4	52.7	68.3	88
470	62.5	67.3	66.6	64.3	63.4	61.2	58.6	52.8	68.5	89
540	62.9	67.8	67.1	64.7	63.9	61.6	59.0	53.3	68.9	89
600	63.2	68.1	67.4	65.0	64.2	61.9	59.3	53.6	69.2	90
660	63.3	68.1	67.4	65.1	64.2	62.0	59.4	53.6	69.3	90
700	63.6	68.5	67.8	65.4	64.6	62.3	59.7	54.0	69.6	91

Sound power level (referred to evaporator 12/7°C, ambient 35°C full load operation) are measured in accordance with ISO 9614 and Eurovent 8/1 for Eurovent certified units. The certification refers only to the overall sound power level. The sound data in the Octave band spectrum is for intended for reference only and not considering binding. The sound pressure is calculated from the sound power level and are for information only and not considered binding.