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**SUBJECT:****New models available for A/C screw chiller series EWAD~T-B****Based on RNPI 17-092**

Dear Madam, dear Sir,

With this communication we would like to announce the introduction in Daikin Applied portfolio of the **new model sizes in chiller range EWAD~T-B.**

EWAD~T-B chiller series, available since October 2017 from 300 kW up to 1450 kW will now be completed with larger models from **1500 kW up to 2100 kW** thanks to three compressors arrangement.

In the following pages you will find more detailed information about:

1. Product line-up
2. Product main features
3. Promotional tools
4. Sales launch / mass production



## 1. Product line-up

Same as models already available, larger models will be available in two efficiency versions (Silver and Gold) and three sound configurations (Standard, Low and Reduced Sound) that can be combined without any restriction.

All new models are Ecodesign Lot21 (tier 1) compliant.

Table 1a: Performance data of EWAD-T-S-B3 (Standard and Low Sound)

		EWADH15T-SSB3	EWADH16T-SSB3	EWADC17T-SSB3	EWADH18T-SSB3	EWADC19T-SSB3	EWADC20T-SSB3	EWADC21T-SSB3	
SILVER	Performances								
	Cooling capacity	[kW]	1579	1684	1762	1871	1966	2064	2148
	EER		2,96	2,99	2,91	2,86	2,88	2,91	2,92
	ESEER		3,89	3,93	3,88	3,73	3,71	3,66	3,71
	Sound Power Levels								
	Standard Sound (-S)	[Lw]	103	103	103	103	103	103	103
	Low Sound (-L)	[Lw]	98	100	100	100	100	100	100
	Dimensions								
	length	[mm]	10509	11409	11409	11409	12309	13209	14109
	width	[mm]	2282	2282	2282	2282	2282	2282	2282
height	[mm]	2537	2537	2537	2537	2537	2537	2537	

Table 1b: Performance data of EWAD-T-SRB3 (Reduced Sound)

		EWADH15T-SRB3	EWADH16T-SRB3	EWADC17T-SRB3	EWADH18T-SRB3	EWADC19T-SRB3	EWADC20T-SRB3	EWADC21T-SRB3	
SILVER	Performances								
	Cooling capacity	[kW]	1525	1632	1702	1798	1894	1992	2077
	EER		2,78	2,84	2,74	2,66	2,69	2,73	2,75
	ESEER		3,89	3,94	3,88	3,72	3,70	3,65	3,71
	Sound Power Levels								
	Reduced Sound	[Lw]	95	95	95	95	96	96	96
	Dimensions								
	length	[mm]	10509	11409	11409	11409	12309	13209	14109
	width	[mm]	2282	2282	2282	2282	2282	2282	2282
	height	[mm]	2537	2537	2537	2537	2537	2537	2537

Table 1c: Performance data of EWAD-T-X-B3 (Standard and Low Sound)

		EWADH15T-XSB3	EWADH16T-XSB3	EWADC17T-XSB3	EWADH18T-XSB3	EWADC19T-XSB3	EWADC20T-XSB3	
<b>GOLD</b>	Performances							
	Cooling capacity	[kW]	1606	1705	1836	1952	2027	2087
	EER		3,08	3,09	3,12	3,13	3,06	2,99
	ESEER		3,94	3,84	3,88	3,97	3,92	3,93
	Sound Power Levels							
	Standard Sound (-S)	[Lw]	103	103	103	103	103	103
	Low Sound (-L)	[Lw]	100	100	100	100	98	99
	Dimensions							
	length	[mm]	11409	12309	13209	14109	14109	14109
	width	[mm]	2282	2282	2282	2282	2282	2282
height	[mm]	2537	2537	2537	2537	2537	2537	

Table 1d: Performance data of EWAD-T-XRB3 (Reduced Sound)

		EWADH15T-XRB3	EWADH16T-XRB3	EWADC17T-XRB3	EWADH18T-XRB3	EWADC19T-XRB3	EWADC20T-XRB3	
<b>GOLD</b>	Performances							
	Cooling capacity	[kW]	1563	1661	1789	1903	1970	2024
	EER		2,96	2,97	3,00	3,01	2,92	2,83
	ESEER		3,94	3,85	3,90	3,98	3,93	3,94
	Sound Power Levels							
	Reduced Sound	[Lw]	97	97	97	97	98	98
	Dimensions							
	length	[mm]	11409	12309	13209	14109	14109	14109
	width	[mm]	2282	2282	2282	2282	2282	2282
	height	[mm]	2537	2537	2537	2537	2537	2537



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## 2. Product main features

The most important features and benefits of the new product range are listed below:

- ✓ R-134a refrigerant
- ✓ Microchannel coils
- ✓ Single screw compressors
- ✓ 2 efficiency version (SILVER and GOLD)
- ✓ 3 sound version (STANDARD, LOW and REDUCED SOUND)
- ✓ Electronic expansion valve provided as standard
- ✓ Master / Slave control as standard
- ✓ Variable Primary Flow control available as option
- ✓ Partial heat recovery option
- ✓ Total heat recovery option
- ✓ Compliant with new ECODESIGN requirements  
(Starting from January 2018 requirement is SEER  $\geq$  4.1)

## 3. Start of mass production / sales launch

The models listed in this RN can be ordered starting from 20/12/2017.

First shipments (unit with standard options) will be from March 2018.

For unit with the following options: partial heat recovery, total heat recovery and integrated hydronic kit lead time needs to be confirmed from factory for the specific order until further communication.

CSS WEB selection, product catalog, Price List and M-TOP will be available from week 51.

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In case of questions please do not hesitate to contact your Daikin representative.

Strategic Business Development Department  
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