

Date: 02/04/2021
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SUBJECT: **New Daikin Packaged Small Inverter Chiller & Heat Pump Series EWA(Y)T-CZ with R-32 refrigerant**

Based on RNPI20-075A

Dear Madam,
Dear Sir,

With this communication we would like to inform you about the sales launch of Bluevolution product packaged Small Inverter Chiller & Heat Pump Series EWA(Y)T-CZ with R-32 refrigerant (capacity sizes from 16 to 90 kW).

By means of this Rapid News we would like to give you updated information concerning the following items:

- 1. Sales launch and promotional tool availability**
- 2. Layout and range extension**
- 3. Nomenclature/options/accessories**

1. Sales launch and promotional tool availability

- Chiller Selection Software (CSS WEB): Released in January 2021.
- Second Release Chiller Selection Software (CSS WEB): April 2021
- Engineering data book: Released in January 2021.
- Product presentation: : Released in Febraury 2021 - Week 5.

New R-32 series (package version) will be produced in Cecchina factory starting from May 2021.

The product launch to market will happen in two different phases.

Please find hereunder the new confirmed dates:

- Phase 1: 1st September 2021 → First order entry for DACI only.
- Phase 2: 1st November 2021 → First order entry for All Affiliates.

Important notes:

1. The current R-410A small inverter series will be produced in Ostende factory until the end of September 2021. The flexibility for the orders of the current R-410A series will be determined according to the models remaining in stock.
2. At the time of the first order entry, new R-32 models will be available for sales only in case the equivalent R-410A model is not available from stock. Priority will be given to sell out of current R-410A model from stock.
3. The launch date of the new R-32 “split version” will be confirmed separately.



2. Layout and range extension

Please refer to the following product line-up table for the Cooling Only and Heat Pump version layouts



RANGE OVERVIEW : PRODUCT LINE-UP

BLUEVOLUTION



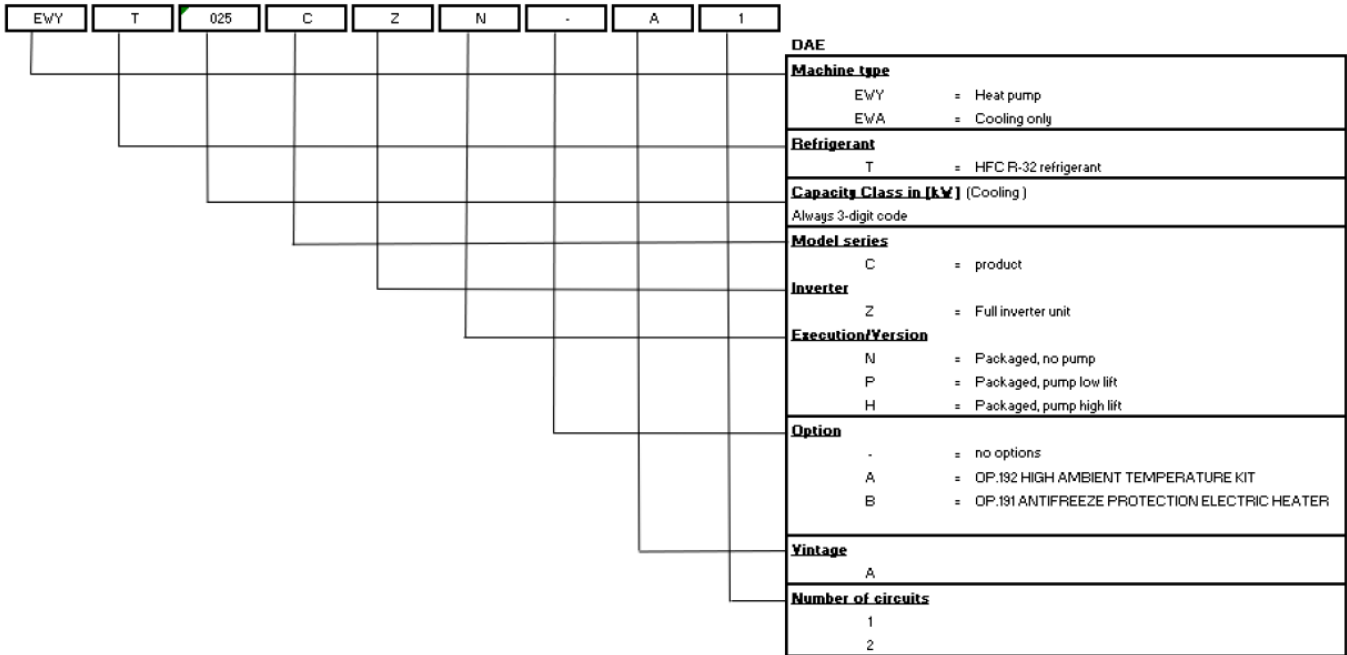
Size	16	21	25	32	40 Mono	40 Dual	50	64	90
Unit Layout									
Cooling Capacity [kW] (1)	15.9	20.9	25.6	32.4	39.6	41.4	50.8	64.0	88.3
Unit Power Input Cooling [kW](1)	5.5	6.6	8.5	10.3	13.4	13.2	17	21.8	31
EER (1)	2.90	3.16	3.00	3.13	2.95	3.12	2.98	2.93	2.84
Heating Capacity [kW] (2)	15.9	20.2	24.9	32.4	39.4	40.3	49.8	61.9	85.8
Unit Power Input Heating [kW](2)	4.7	5.9	7.5	9.4	11.8	11.9	15.4	19.2	27.2
COP (2)	3.41	3.45	3.33	3.45	3.33	3.4	3.23	3.23	3.16
Unit sound power level [dB(A)]	76	76	78	79	80	80	81	83	85
Compressor Qty	1	1	1	1	1	2	2	2	2
N° Circuits	1	1	1	1	1	2	2	2	2
Fan Qty	1	1	1	2	2	2	2	3	4
Water Heat Exchanger	BPHE	BPHE	BPHE	BPHE	BPHE	BPHE	BPHE	BPHE	BPHE
Unit Height [mm]	1878	1878	1878	1878	1878	1878	1878	1878	1878
Unit Length [mm]	1152	1152	1152	1753	1753	2304	2304	2905	3506
Unit Depth [mm]	810	810	810	810	810	810	810	810	810

(1) Water temperatures 12/7°C, ambient temperature 35°C
 (2) Water temperatures 40/45°C, ambient temperature 7°C



3. Nomenclature/options/accessories

Unit nomenclature is described in the below chart.



We will introduce the following options to allow full operational envelope available for both cooling and heating applications:

- OP.191 / B *ANTIFREEZE PROTECTION ELECTRIC HEATER
* B = material name with OP.191 combination for SAP for make to stock order entry
- OP.192 / A **HIGH AMBIENT TEMPERATURE KIT
** A = material name with OP.192 combination for SAP for make to stock order entry
- BRINE – Standard
- FAN SILENT MODE – Standard
- PARTIAL HEAT RECOVERY (Future Introduction)
- LOW AMBIENT HEAT PUMP (Future Introduction - To be confirmed)

Accessories are as follows:

Probes	
EKTSMS	Temperature sensor for master/slave configuration
Serial Cards & Communication Modules	
EKRSCIO	I/O extension for VPF, domestic hot water, demand limit, setpoint reset, low noise
EKRSCBMS*	Connectivity for external BMS communication (Modbus RTU/TCP, Bacnet MSTP/IP)
EKRSCSM	kit DoS router with antenna and M2M sim card

*not compatible with Master/Slave

Information herewith provided is subject to change without notice.

