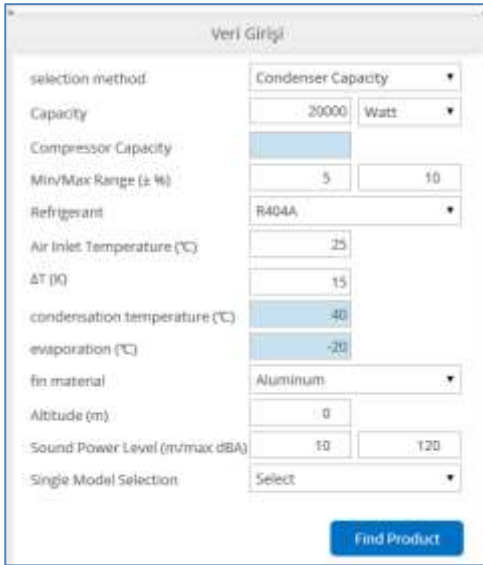# ThermoWay
Heat Exchanger Solutions

STANDART PRODUCT SELECTION PROGRAM V 1.0
AIR COOLED CONDENSER SELECTION MODULE USER GUIDE

1. DATA INPUT SECTION

- **Selection Type**
  - Condenser Capacity (Q+P compressor): Product selection is done by using condenser capacity.
  - Product selection is done by using open compressor capacity.
  - Product selection is done by using hermetic-semi hermetic compressor capacity.
- **Capacity:** Requested condenser capacity is defined.
- **Measurement Unit:** Measurement unit for requested product capacity is selected.
- **Compressor Capacity:** Requested compressor capacity is defined.

- **Min/Max Range:** Minimum and maximum range as percentage (±%) of requested capacity is defined.
- **Refrigerant:** The refrigerant is selected.
- **Air inlet Temperature:** Unit air inlet temperature is defined.
- **ΔT:** Temperature difference between condensation and air inlet temperatures is calculated and shown.
- **Condensation Temperature:** Condensation temperature is defined.
- **Evaporation Temperature: Evaporation temperature is defined.**
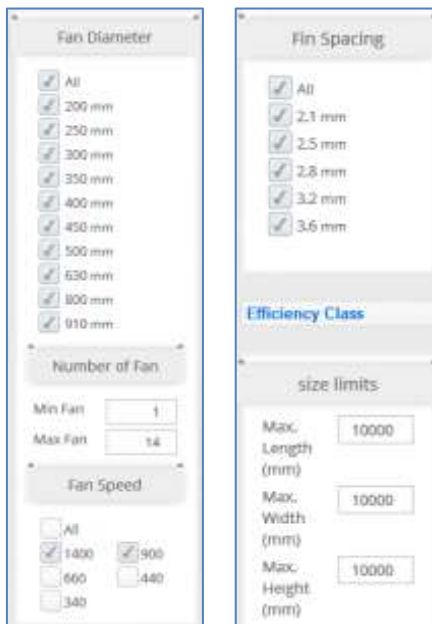- **Fin Material:** The preferred fin material is selected from drop-down list.
- **Altitude:** Sea level altitude is defined.
- **Sound Power Level:** Enter distance from center of the unit and maximum allowed sound pressure level.
- **Single Model Selection:** A specific model selection to see its data at different conditions. (For Convenience, please use the preferences boxes to filter the list.)

- **Series Selection:** The preferred product series(s) is selected from drop-down list.
- **Fin Spacing:** The preferred fin pitch(s) is selected from drop-down list.
- **Energy Efficiency Class Preference:** The preferred efficiency class(s) acc. to Eurovent is selected.

- **Sizce Limits:** Enter allowed limits of length, width, height of unit dimensions.
- **Fan Diameter:** The preferred diameter of the fan(s) is selected from drop-down list.
- **Number of Fan:** The preferred number of fan(s) is selected from drop-down list.
- **Fan Speed:** The preferred r.p.m of the fan(s) is selected from drop-down list.
- **Product Select Button:** Click to start product selection.

2. SELECTED PRODUCT LIST:

▪ Selected products, by several technical data, are listed.

▪ By clicking on the print button (🖨), print page will pop up.

▪ By clicking on the cart button (🛒), selected products are sent to the user basket.

▪ Ascending/descending ranking can be done by clicking on the headers.

▪ The upper-right arrow is to hide/re-open the list.

▪ The tools, at the bottom of the list, to assist to manage the list.

Condensing Unit Product Selection List

	Model	Capacity (Watt)	Heat Transfer Surface (m²)	Air Flow (m³/h)	Fan Diameter (mm)	Number of Fan (Pcs)	Total Power Input (kW)	Total Fan Current (A)	Voltage (V)	LWA (dBA)	Distance (dBA)	Price (€)	Efficiency Class
10	TCC S 035-A13-A3-2,5-S	20.895,00	33,40	6,83	350	3	0,40	1,74	230	69	37	0,00	C
11	TCC S 040-A12-A3-2,5-L	19.595,00	29,69	4.500,00	400	2	0,24	1,06	230	61	29	0,00	B
12	TCC S 040-A12-A3-2,5-S	19.595,00	29,69	6,37	400	2	0,32	1,46	230	76	44	0,00	C
13	TCC S 040-A12-A4-2,5-L	21.170,00	39,58	4.055,00	400	2	0,24	1,06	230	61	29	0,00	B
14	TCC S 040-A12-A4-2,5-S	21.170,00	39,58	5,58	400	2	0,32	1,46	230	76	44	0,00	C
15	TCIH 050-A11-A3-2,1-S3Y	21.276,00	38,41	6.644,00	500	1	0,27	1,18	230	69	37	0,00	B
16	TCIH 050-A11-A3-2,5-S1N	21.263,00	32,67	7.491,00	500	1	0,68	3,00	230	77	45	0,00	D
17	TCIH 050-A11-A3-2,5-S3D	21.768,00	32,67	7.741,00	500	1	0,82	1,59	400	78	46	0,00	E
18	TCIH 050-A11-A3-2,5-S3Y	19.846,00	32,67	6.773,00	500	1	0,27	1,18	230	69	37	0,00	B
19	TCIH 050-B11-A3-2,5-S3Y	21.338,00	38,43	7.962,00	500	1	0,27	1,18	230	69	37	0,00	B
20	TCIH 050-B11-A4-2,1-M1N	19.950,00	60,25	4.951,00	500	1	0,27	1,18	230	69	37	0,00	B
21	TCIH 050-B11-A4-2,1-M3D	20.033,00	60,25	4.976,00	500	1	0,27	0,69	400	69	37	0,00	B
22	TCIH 050-B11-A4-2,5-M1N	19.123,00	61,24	5.830,00	500	1	0,27	1,18	230	69	37	0,00	B

Page 1 of 1   30 ▼   View 1 - 29 of 29