

# Model: KCE 52A2

## Data

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Type: Condensers

Producer: ECO

Series: KCE

## Model: KCE 52A2

### Condenser technical data

Speed:	<u>low</u>	<u>high</u>
Air flow [m <sup>3</sup> /h]:	12240	14460
Heat exchange surface (int./ext.) [m <sup>2</sup> ]:		5,4/50
Inner volume [dm <sup>3</sup> ]:		7,4
Weight [kg]:		103

### Fans technical data

Count:		2
Diameter [mm]:		500
Speed:	<u>low</u>	<u>high</u>
RPM [min <sup>-1</sup> ]:	1180	1390
Power input [W]:	1100	1440
Current [A]:	1,9	2,82
Power supply [V/f/Hz]:		400V/3/50Hz

### Acoustic data

Speed:	<u>low</u>	<u>high</u>
Sound pressure level [dB]:	47	53

### Connections

	<u>millimeters</u>
Inlet:	35
Outlet:	28

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## Capacity

R404A/R507

### Cooling capacity [kW] (high speed)

<b>TD \ t<sub>a</sub></b>	<b>15</b>	<b>20</b>	<b>25</b>	<b>30</b>	<b>35</b>	<b>40</b>	<b>45</b>	<b>50</b>
<b>8</b>	24.52	24.25	23.89	23.49	23.07	22.68	22.35	22.14
<b>10</b>	30.65	30.31	29.87	29.36	28.83	28.35	27.94	27.67
<b>12</b>	36.78	36.38	35.84	35.23	34.60	34.02	33.53	33.21
<b>14</b>	42.90	42.44	41.82	41.10	40.37	39.68	39.12	38.74
<b>16</b>	49.03	48.50	47.79	46.97	46.13	45.35	44.71	44.28
<b>18</b>	55.16	54.57	53.76	52.85	51.90	51.02	50.30	49.81
<b>20</b>	61.29	60.63	59.74	58.72	57.67	56.69	55.89	55.35

### Cooling capacity [kW] (low speed)

<b>TD \ t<sub>a</sub></b>	<b>15</b>	<b>20</b>	<b>25</b>	<b>30</b>	<b>35</b>	<b>40</b>	<b>45</b>	<b>50</b>
<b>8</b>	22.33	22.09	21.76	21.39	21.01	20.65	20.36	20.16
<b>10</b>	27.91	27.61	27.20	26.74	26.26	25.81	25.45	25.20
<b>12</b>	33.49	33.13	32.64	32.08	31.51	30.98	30.54	30.24
<b>14</b>	39.07	38.65	38.08	37.43	36.76	36.14	35.63	35.28
<b>16</b>	44.66	44.17	43.52	42.78	42.02	41.30	40.72	40.33
<b>18</b>	50.24	49.69	48.96	48.13	47.27	46.47	45.81	45.37
<b>20</b>	55.82	55.21	54.40	53.47	52.52	51.63	50.90	50.41

Operating conditions: height 0 m above sea level, aluminium fins

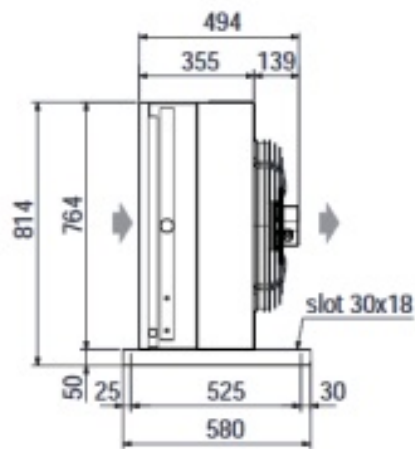
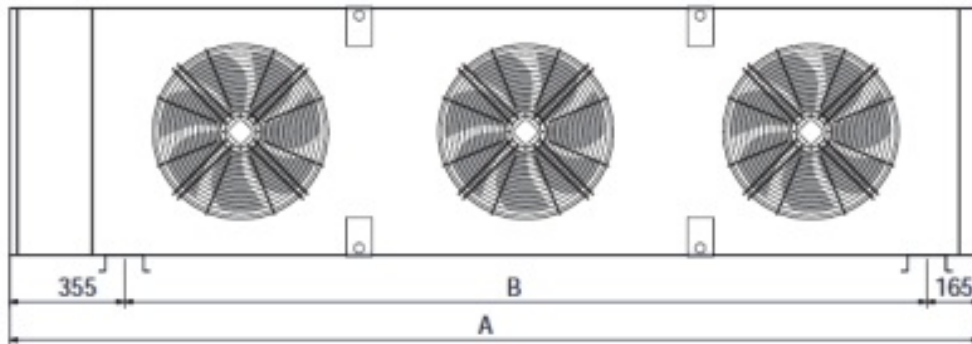
TD - Difference between condensing and ambient temperature [K]

t<sub>a</sub> - Ambient temperature [°C]

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## Dimensions

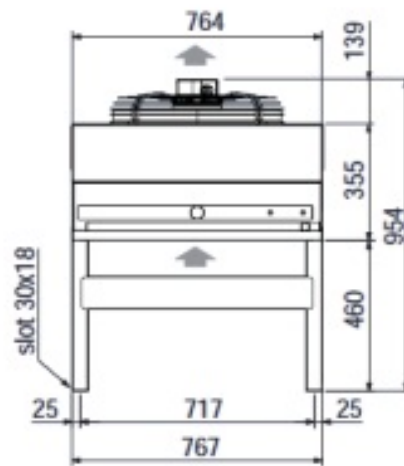
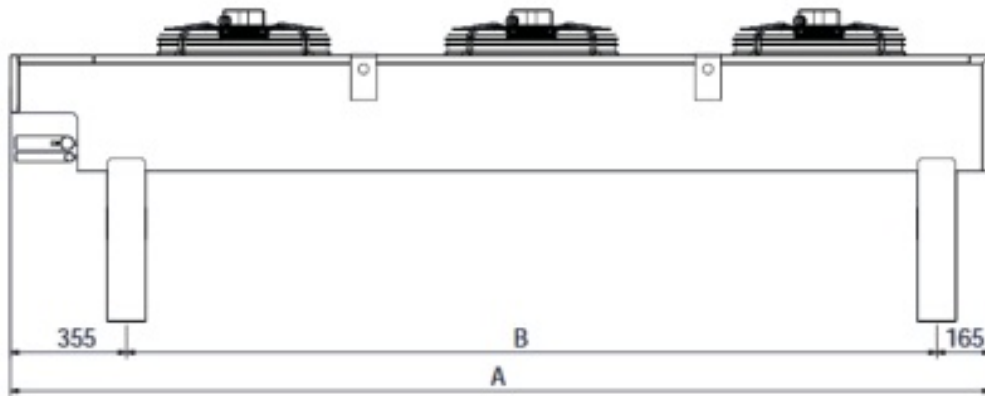
### Version H



### Version V

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## Dimensions



A 2120 mm  
B 1600 mm

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Image

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