

## ECO ACE 83F2

### Specifications

Brand	ECO
Type	ACE 83F2
Product type	Air Cooled Condenser
kW	62.64
Number of Fans	3
RPM of the Fans	380
Refrigerant	Freon
Air Flow in m <sup>3</sup> /h	25560
diameter fans Ø	800
Surface (m <sup>2</sup> )	302
Sizes	4388x1272x1335
Weight	388
Remarks	capacity based on freon R404/R507 at 10K , 40 celcius , high speed. // YOB 2007
Stock	1



### Description

#### Used ECO ACE 83F2

Used and in good condition Eco ACE 83F2 with 3x fans each, 400V, 50Hz, 380 RPM, 0.75 kW. \*All components of this used condensers will be tested on good working, leak free condition (electro engines), condensing block, bearing. Choosing HOSBV means buying with warranty. We perform a industrial cleaning and rust spots will be covered. Also, we can arrange your shipment.





**Model: ACE 83F2**  
Capacity

R404A/R507

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

TD \ t <sub>a</sub>	15	20	25	30	35	40	45	50
8	54.18	53.59	52.80	51.90	50.97	50.11	49.40	48.92
10	67.72	66.99	66.00	64.88	63.72	62.64	61.75	61.16
12	81.27	80.39	79.20	77.85	76.46	75.17	74.10	73.39
14	94.81	93.78	92.40	90.83	89.21	87.69	86.45	85.62
16	108.36	107.18	105.61	103.80	101.95	100.22	98.80	97.85
18	121.90	120.58	118.81	116.78	114.69	112.75	111.15	110.08
20	135.45	133.98	132.01	129.75	127.44	125.28	123.50	122.31

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

TD \ t <sub>a</sub>	15	20	25	30	35	40	45	50
8	35.74	35.35	34.83	34.23	33.62	33.05	32.58	32.27
10	44.67	44.19	43.54	42.79	42.03	41.32	40.73	40.34
12	53.60	53.02	52.24	51.35	50.43	49.58	48.87	48.41
14	62.54	61.86	60.95	59.91	58.84	57.84	57.02	56.47
16	71.47	70.70	69.66	68.47	67.25	66.11	65.17	64.54
18	80.41	79.53	78.36	77.03	75.65	74.37	73.31	72.61
20	89.34	88.37	87.07	85.58	84.06	82.63	81.46	80.68

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]

Producer: ECO  
Series: ACE

## Model: ACE 83F2

### Condenser technical data

Speed:	low	high
Air flow [m³/h]:	17070	25560
Heat exchange surface [m²]:		301,8
Inner volume [dm³]:		34
Weight [kg]:		388

### Fans technical data

Count:		3
Diameter [mm]:		800
Speed:	low	high
RPM [min <sup>-1</sup> ]:	240	380
Power input [W]:	330	750
Current [A]:	0,81	1,86
Power supply [V/f/Hz]:		400V/3/50Hz

### Acoustic data

Speed:	low	high
Sound pressure level :	28	35

### Connections

	millimeters	inches
Inlet:	54	
Outlet:	42	