

# Condensing Unit

## Technical Data Sheet

**Model** CMS34TB3N  
**Voltage** 220-240V 50Hz ~1  
**Refrigerant** R404A

### APPLICATION

Application	High Back Pressure
Refrigerant	R404A
Evaporating temp.	-15°C to 10°C
Expansion	Capillar / Valve
Comp. Cooling	Fan cooled
Max. ambient temp.	43,00°C

### COMPRESSOR

Displacement	34,42 cm <sup>3</sup>
Diameter	42,86 mm
Stroke	23,85 mm
Oil type	ISO VG 46 ESTER
Oil charge	887 cm <sup>3</sup>

### MOTOR

Approximate Power	1 5/8 hp
Voltage/Frequency	220-240V 50Hz
Voltage range	198-255 V
Type	CSR
Phase number	1 PH
Locked rotor current	41,00 A

### NOMINAL PERFORMANCE

### ASHRAE

Cooling Capacity (W)	4788
COP (W/W)	1.95
EER (kcal/Wh)	1.67
Input Power (W)	2461
Current (A)	12.07

### TEST CYCLE CONDITIONS

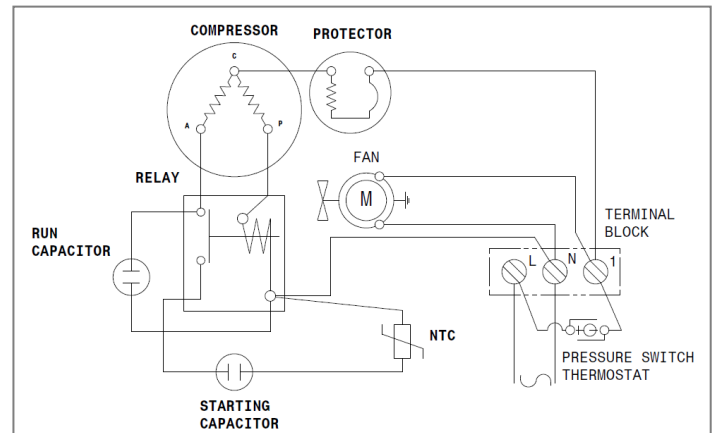
### HBP (B)

Evaporating temp. (°C)	7.2
Condensing temp. (°C)	55
Liquid temp. (°C)	46
Ambient temp. (°C)	35
Suction temp. (°C)	35
Tens/Freq (V/Hz)	220V 50Hz

### CONDENSER DATA

Condenser type	CU-AL
Condenser model	16T 5R
Fan Blade (Ø [mm] / °)	350/25
Fan motor	80W 230V 50/60Hz

### ELECTRICAL DIAGRAM



### PERFORMANCES

REFRIGERATION CAPACITY (W)									
Evaporating Temperature (°C)									
Model	Motor	-25	-15	-5	5	7.2			10
						W	Winp	A	
CMS34TB3N	CSR	1369	2459	3524	4563	4788	2461	12.07	5073

Ashrae HBP: Condensing temperature: 55°C, Liquid temperature: 35°C, Suction temperature: 35°C, Ambient temperature: 35°C

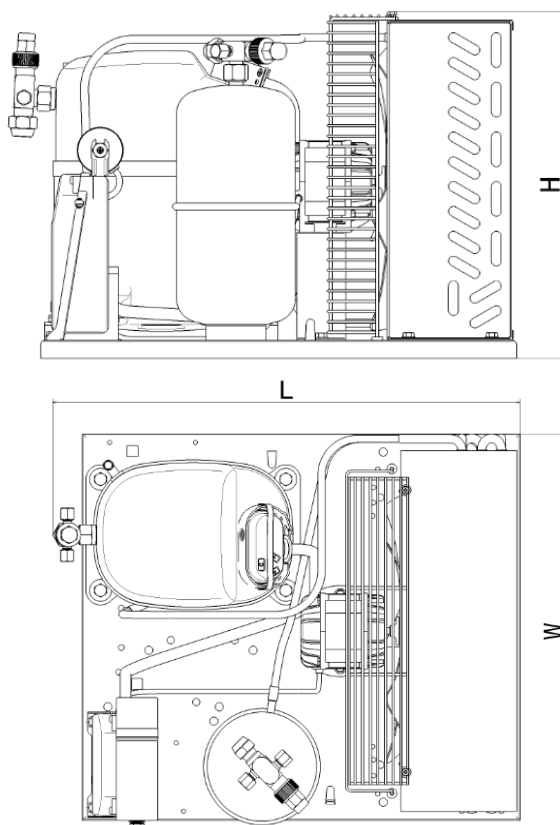
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### VERSIONS

<b>VERSION 3</b>				
Service valve and receiver				
Receiver vol.: 2,4l				
Suction valve: 5/8"				
Discharge valve: 3/8"				

### DIMENSIONS

#### VERSION 3



MODEL	W x L x H (mm)
Version 3	452 x 512 x 440