

# SPECIFICATIONS

## Citimax 280



### COOLING CAPACITIES (ATP results)

High speed - 2 400 rpm	0°C/30°C	2 703 W
	-20°C/30°C	1 525 W
Low speed - 1 000 rpm	0°C/30°C	2 190 W
	-20°C/30°C	1 085 W
Standby	0°C/30°C	n/a W
	-20°C/30°C	n/a W

### HEATING CAPACITIES

High speed - 2 400 rpm	18°C/0°C	3 330 W
High speed - 2 400 rpm	18°C/-18°C	2 790 W

### AIRFLOW (AMCA 21085)

	18°C/0°C	1 150 m <sup>3</sup> /h
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### WEIGHTS

Host unit + evaporator	45 kg
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### DIMENSIONS (host unit)

Height	206 mm
Width	769 mm
Depth	550 mm

### DIMENSIONS (evaporator)

Height	170 mm
Width	857 mm
Depth	608 mm

### SOUND EMISSIONS

Power (ISO 3744)	84 dB(A)
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### COMPONENTS

Engine	Type	n/a
	Power	n/a
Generator	Type	n/a
	Power	n/a
Compressor	Techno	Reciprocating
	Model	Carrier 130
Controls	Techno	Standard

### REFRIGERANT

Refrigerant	Type	R452A
	Qty	0,95 kg

### CERTIFICATION

ATP	M1014_COr1
CE / CEM	Compliant
PIEK	none



14 m <sup>3</sup>	-20°C/30°C
21 m <sup>3</sup>	0°C/30°C
11 m <sup>3</sup>	-20°C/40°C
15 m <sup>3</sup>	0°C/40°C

# SPECIFICATIONS

## Citimax 350



### COOLING CAPACITIES (ATP results)

High speed - 2 400 rpm	0°C/30°C	3 286 W
	-20°C/30°C	1 764 W
Low speed - 1 000 rpm	0°C/30°C	2 649 W
	-20°C/30°C	1 307 W
Standby	0°C/30°C	n/a W
	-20°C/30°C	n/a W

### HEATING CAPACITIES

High speed - 2 400 rpm	18°C/0°C	3 530 W
High speed - 2 400 rpm	18°C/-18°C	3 100 W

### AIRFLOW (AMCA 21085)

	18°C/0°C	1 150 m <sup>3</sup> /h
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### WEIGHTS

Host unit + evaporator	49 kg
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### DIMENSIONS (host unit)

Height	214 mm
Width	870 mm
Depth	550 mm

### DIMENSIONS (evaporator)

Height	170 mm
Width	857 mm
Depth	608 mm

### SOUND EMISSIONS

Power (ISO 3744)	86 dB(A)
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### COMPONENTS

Engine	Type	n/a
	Power	n/a
Generator	Type	n/a
	Power	n/a
Compressor	Techno	Reciprocating
	Model	Carrier 150
Controls	Techno	Standard

### REFRIGERANT

Refrigerant	Type	R452A
	Qty	1,15 kg

### CERTIFICATION

ATP	M1028
CE / CEM	Compliant
PIEK	none



19 m <sup>3</sup>	-20°C/30°C
26 m <sup>3</sup>	0°C/30°C
15 m <sup>3</sup>	-20°C/40°C
22 m <sup>3</sup>	0°C/40°C

Maximum box volumes are indicative, given at ATP conditions for 24 door openings of 3 mins per day for fresh  
8 door openings of 1 min per day for frozen  
considering 8h of operation per day and a coefficient of insulation K = 0.38

# SPECIFICATIONS

## Citimax 400



### COOLING CAPACITIES (ATP results)

High speed - 2 400 rpm	0°C/30°C	4 078 W
	-20°C/30°C	2 071 W
Low speed - 1 000 rpm	0°C/30°C	3 301 W
	-20°C/30°C	1 540 W
Standby	0°C/30°C	n/a W
	-20°C/30°C	n/a W

### HEATING CAPACITIES

High speed - 2 400 rpm	18°C/0°C	4 010 W
High speed - 2 400 rpm	18°C/-18°C	3 550 W

### AIRFLOW (AMCA 21085)

	18°C/0°C	2 000 m <sup>3</sup> /h
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### WEIGHTS

Host unit + evaporator	55 kg
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### DIMENSIONS (host unit)

Height	214 mm
Width	870 mm
Depth	550 mm

### DIMENSIONS (evaporator)

Height	193 mm
Width	1 100 mm
Depth	614 mm

### SOUND EMISSIONS

Power (ISO 3744)	86 dB(A)
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### COMPONENTS

Engine	Type	n/a
	Power	n/a
Generator	Type	n/a
	Power	n/a
Compressor	Techno	Reciprocating
	Model	Carrier 160
Controls	Techno	Standard

### REFRIGERANT

Refrigerant	Type	R452A
	Qty	1,15 kg

### CERTIFICATION

ATP	M1018
CE / CEM	Compliant
PIEK	none



21 m3	-20°C/30°C
30 m3	0°C/30°C
17 m3	-20°C/40°C
26 m3	0°C/40°C

Maximum box volumes are indicative, given at ATP conditions for 24 door openings of 3 mins per day for fresh  
8 door openings of 1 min per day for frozen  
considering 8h of operation per day and a coefficient of insulation K = 0.38

# SPECIFICATIONS

## Citimax 500



### COOLING CAPACITIES (ATP results)

Speed	Temperature Range	Capacity (W)
High speed - 2 400 rpm	0°C/30°C	4 875 W
	-20°C/30°C	2 426 W
Low speed - 1 000 rpm	0°C/30°C	3 780 W
	-20°C/30°C	1 610 W
Standby	0°C/30°C	n/a W
	-20°C/30°C	n/a W

### HEATING CAPACITIES

High speed - 2 400 rpm	18°C/0°C	n/a W
High speed - 2 400 rpm	18°C/-18°C	3 600 W

### AIRFLOW (AMCA 21085)

18°C/0°C	2 200 m <sup>3</sup> /h
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### WEIGHTS

Host unit + evaporator	97 kg
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### DIMENSIONS (host unit)

Height	503 mm
Width	1 413 mm
Depth	543 mm

### DIMENSIONS (evaporator)

Height	276 mm
Width	1 222 mm
Depth	551 mm

### SOUND EMISSIONS

Power (ISO 3744)	na dB(A)
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### COMPONENTS

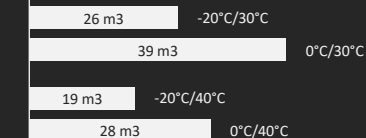
Engine	Type	n/a
	Power	n/a
Generator	Type	n/a
	Power	n/a
Compressor	Techno	Reciprocating
	Model	Carrier 160
Controls	Techno	Standard

### REFRIGERANT

Refrigerant	Type	R404A
	Qty	2.8 kg

### CERTIFICATION

ATP	M864
CE / CEM	Compliant
PIEK	none



Maximum box volumes are indicative, given at ATP conditions at 2400 rpm for 24 door openings of 3 mins per day for fresh 8 door openings of 1 min per day for frozen considering 8h of operation per day and a coefficient of insulation K = 0.38  
Capacity at 40°C ambient is reduced by 15% VS capacity at 30°C

# SPECIFICATIONS

## Citimax 700



### COOLING CAPACITIES (ATP results)

High speed - 2 400 rpm	0°C/30°C	6 381 W
	-20°C/30°C	3 334 W
Low speed - 1 000 rpm	0°C/30°C	4 951 W
	-20°C/30°C	2 331 W
Standby	0°C/30°C	n/a W
	-20°C/30°C	n/a W

### HEATING CAPACITIES

High speed - 2 400 rpm	18°C/0°C	n/a W
High speed - 2 400 rpm	18°C/-18°C	4 100 W

### AIRFLOW (AMCA 21085)

	18°C/0°C	2 200 m <sup>3</sup> /h
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### WEIGHTS

Host unit + evaporator	97 kg
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### DIMENSIONS (host unit)

Height	503 mm
Width	1 413 mm
Depth	543 mm

### DIMENSIONS (evaporator)

Height	276 mm
Width	1 222 mm
Depth	551 mm

### SOUND EMISSIONS

Power (ISO 3744)	na dB(A)
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### COMPONENTS

Engine	Type	n/a
	Power	n/a
Generator	Type	n/a
	Power	n/a
Compressor	Techno	Reciprocating
	Model	Carrier 210
Controls	Techno	Standard

### REFRIGERANT

Refrigerant	Type	R404A
	Qty	3.9 kg

### CERTIFICATION

ATP	M865
CE / CEM	Compliant
PIEK	none



38 m <sup>3</sup>	-20°C/30°C
50 m <sup>3</sup>	0°C/30°C
27 m <sup>3</sup>	-20°C/40°C
38 m <sup>3</sup>	0°C/40°C

Maximum box volumes are indicative, given at ATP conditions at 2400 rpm for 24 door openings of 3 mins per day for fresh 8 door openings of 1 min per day for frozen considering 8h of operation per day and a coefficient of insulation K = 0.38  
Capacity at 40°C ambient is reduced by 15% VS capacity at 30°C