



The cool experience
of life

cool
by Carrier



Xarios 5 – 6 – 8 Light Commercial Vehicle & Trucks

CARRIER TRANSICOLD PROPRIETARY

XARIOS 5 – 6 – 8

Just the power you need



A NEW BROTHER IN YOUR FAMILY



Delivering fresh and frozen goods from “farm to fork” is a complex process. Having a right and simple equipment to handle your needs will be a key factor for your success.

Our Xarios range is now expanded to help you take on your challenge. Each unit designed to maximize your cold chain performance while fitting the best your needs.

Xarios 5

A high capacity single temperature unit with a compact evaporator MXL1100.

Xarios 6

A high capacity single or multi temperature unit with evaporator MXL 1550. Designed for versatility.

Xarios 8

The most powerful direct drive Carrier Transicold unit ever made, for demanding applications on Light Commercial Vehicles or Heavy Duty trucks up to 50 m3.

Xarios 5



*Single temperature
Road or Road/standby*

Xarios 6



*Single & Multi temperature
Road or Road/standby*

Xarios 8



*24V only
Single temperature
Road or Road/standby*

KEY BENEFITS



New aesthetic
A smoother and stronger design



Very high cooling capacities*
Upgraded components to reach new possibilities



Very high heating performances*
Preserves box temperature at low ambient temperature



Accurate temperature control
Carrier software experience for cargo safety



High versatility
From Fresh to frozen applications with a single unit



Renewed technologies
A reviewed design for a more robust assembly



Environment friendly
A design that drastically reduces the impact on environment



Optimized payload
A compact and low weight unit for higher cargo capacity



Optimized available box volume
Such a flat evaporator optimizes available volume



Optimized air flow
A large evaporator for a more uniform air flow



Low operation costs
No engine, high reliability unit

*Xarios 8 is the most powerful unit in Xarios range.



Xarios 8 hot unit view showing the 2 condenser fans

XARIOS 5 SPECIFICATIONS



COOLING CAPACITIES (ATP results)		
High speed - 2 400 rpm	0°C/30°C	4 480 W
	-20°C/30°C	2 270 W
Low speed - 1 000 rpm	0°C/30°C	3 290 W
	-20°C/30°C	1 530 W
Standby	0°C/30°C	3 310 W
	-20°C/30°C	1 500 W

HEATING CAPACITIES		
High speed - 2 400 rpm	18°C/0°C	4 000 W
High speed - 2 400 rpm	18°C/-18°C	3 600 W

AIRFLOW	
Measurement at evaporator outlet	1 480 m ³ /h

WEIGHTS	
Host unit + evaporator + hose kits	188 kg

DIMENSIONS (host unit)	
Height	519 mm
Width	1 376 mm
Depth	507 mm

DIMENSIONS (evaporator)	
Height	194 mm
Width	1 106 mm
Depth	614 mm

SOUND EMISSIONS	
Power (ISO 3744)	83 dB(A)

COMPONENTS		
Engine	Type	n/a
	Power	n/a
Road compressor	Techno	Reciprocating
	Model	Carrier 160
Standby compressor	Techno	Semi-hermetic
	Model	06 VM306
Controls	Techno	Standard

REFRIGERANT		
Refrigerant	Type	R452A
	Qty	2.20 kg

CERTIFICATION	
ATP	M945
CE / CEM	Compliant
PIEK	none

XARIOS 6 SPECIFICATIONS



COOLING CAPACITIES (ATP results)		
High speed - 2 400 rpm	0°C/30°C	5 310 W
	-20°C/30°C	2 700 W
Low speed - 1 000 rpm	0°C/30°C	3 860 W
	-20°C/30°C	1 450 W
Standby	0°C/30°C	3 930 W
	-20°C/30°C	1 700 W

HEATING CAPACITIES		
High speed - 2 400 rpm	18°C/0°C	4 400 W
High speed - 2 400 rpm	18°C/-18°C	3 950 W

AIRFLOW	
Measurement at evaporator outlet	2 192 m ³ /h

WEIGHTS	
Host unit + evaporator + hose kits	207 kg

DIMENSIONS (host unit)	
Height	519 mm
Width	1 376 mm
Depth	507 mm

DIMENSIONS (evaporator)	
Height	194 mm
Width	1 556 mm
Depth	614 mm

SOUND EMISSIONS	
Power (ISO 3744)	83 dB(A)

COMPONENTS		
Engine	Type	n/a
	Power	n/a
Road compressor	Techno	Reciprocating
	Model	Carrier 160
Standby compressor	Techno	Semi-hermetic
	Model	06 VM307
Controls	Techno	Standard

REFRIGERANT		
Refrigerant	Type	R452A
	Qty	2.50 kg

CERTIFICATION	
ATP	M942
CE / CEM	Compliant
PIEK	none

XARIOS 8 SPECIFICATIONS



COOLING CAPACITIES (ATP results)		
High speed - 2 400 rpm	0°C/30°C	7 992 W
	-20°C/30°C	4 203 W
Low speed - 1 000 rpm	0°C/30°C	5 395 W
	-20°C/30°C	2 561 W
Standby	0°C/30°C	6 165 W
	-20°C/30°C	3 192 W

HEATING CAPACITIES		
High speed - 2 400 rpm	18°C/0°C	4 750 W
High speed - 2 400 rpm	18°C/-18°C	4 275 W

AIRFLOW	
Measurement at evaporator outlet	2 488 m ³ /h

WEIGHTS	
Host unit + evaporator + hose kits	209 kg

DIMENSIONS (host unit)	
Height	519 mm
Width	1 376 mm
Depth	507 mm

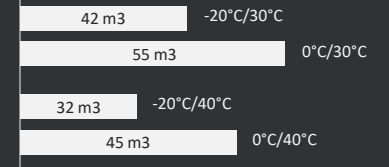
DIMENSIONS (evaporator)	
Height	203 mm
Width	1 560 mm
Depth	614 mm

SOUND EMISSIONS	
Power (ISO 3744)	83 dB(A)

COMPONENTS		
Engine	Type	n/a
	Power	n/a
Road compressor	Techno	Reciprocating
	Model	Carrier 210
Standby compressor	Techno	Semi-hermetic
	Model	06 VM 410
Controls	Techno	Standard

REFRIGERANT		
Refrigerant	Type	R452A
	Qty	3,10 kg

CERTIFICATION	
ATP	M1015
CE / CEM	Compliant
PIEK	none



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, 80%/20% High/Low speed ratio and a coefficient of insulation K = 0.38