



Efficient & High-Performing Chiller Designed for **DATA CENTERS**

AQUAFORCE® 30XF AIR-COOLED VARIABLE-SPEED
SCREW CHILLER



About Carrier

A COMPANY COMMITTED TO ENGINEERING INNOVATIVE HVAC EXPERTISE



Carrier is one of the global provider of healthy, safe, sustainable and intelligent building and cold chain solutions. We develop innovative products and services with the aim of positively impacting people and industries.

As innovators at heart and inventors by heritage, our drive for innovation continues today with a renewed focus on creating sustainable, efficient and high-performance solutions is likely to meet the needs of our clientele.

At Carrier, we see possibilities in everything, creating solutions that matter for people and our planet.

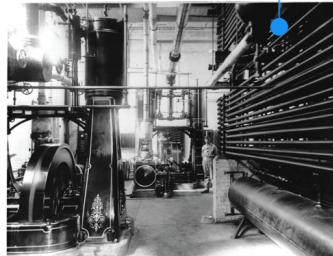
CARRIER'S HERITAGE: THE INVENTION THAT CHANGED THE WORLD

On July 17, 1902, Willis Carrier designed the first modern air-conditioning system to solve a problem at the Sackett & Wilhelms printing plant in Brooklyn, New York City. With this, he launched an industry that would fundamentally improve the way we live, work and play.



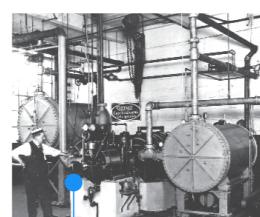
1902

Willis Carrier designed the first modern air conditioning system.



Willis Carrier developed the Carrier Air Humidifier.

1913



Carrier introduced the first home air conditioner.

1922



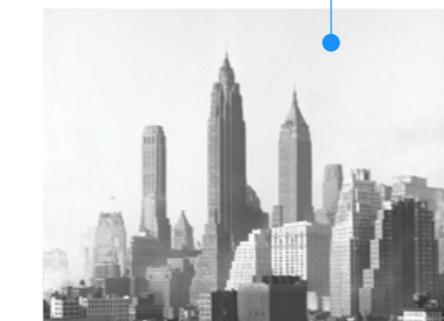
Willis Carrier unveiled his single-most influential innovation, the centrifugal refrigeration machine (also known as chiller).

1926



San Antonio, Texas, touts the world's first air-conditioned city bus.

1946



Carrier announced that the four biggest and most modern post-war skyscrapers in New York city would be air-conditioned from top to bottom by Carrier's Conduit Weather Master

1949



The University of Riyadh received two centrifugal chillers – marking the start of the largest comfort cooling installation in

1977



Carrier was instrumental in launching the U.S. Green Building Council® and was the first company in the world to join the

1993



1993

Carrier Transicold, our land transportation solution, introduced the R134a refrigerant, coinciding with the production of the 100,000th container unit.



Beijing National Stadium used Carrier air handling units.

2008



TIME named Carrier's OptiClean™ air scrubber a Best Invention of 2020.

2020



120 YEARS
STILL CHANGING THE WORLD

The world celebrates the 120th anniversary of modern air conditioning – an invention that fundamentally improved the way we live,

2022

THE CARRIER COMMITMENT

TO COMPLETE DATA CENTER OPTIMIZATION



The presence of data centers are now more important and strategic than ever before, but they also face greater scrutiny regarding their availability, flexibility and efficiency. As your data centers evolve to meet the needs of today, they deserve a cooling solution — and a trusted partner — that can evolve with it.

At Carrier, we deliver innovative solutions that meet your requirements, equipping you to confidently meet data center challenges. Our reliable range of HVAC systems efficiently cool operations, while reducing your energy consumption and carbon footprint. Our management systems integrate building and IT infrastructure for greater visibility and optimization, while our service and support help you enjoy a peace of mind by enabling continuous operations.

All this to ensure you have the confidence to operate with optimized performance at every turn of the data center lifecycle — and at Carrier, it's delivered by design.



AQUAFORCE® 30XF AIR-COOLED CHILLER

THE EFFICIENT DATA CENTER PARTNER

A premium cooling solution ideal for data center operations, the Carrier 30XF Air-Cooled Chiller is designed with an optimized combination of best-in-class technologies.



Reduced Energy Consumption

Exceptional performance of COP and IPLV at part load operations for lowered energy consumption.



Service Continuity and Redundancy

Equipped with an ultra-fast capacity recovery option for 100% recovery as low as 120 seconds in case of power outages, therefore improving uptime.



Built-In Solution

Easier transportation and installation facilitated with inbuilt active harmonic filters and hydraulic kit with no requirement of external installation components.



Improved Unit Performance

Permanent magnet motor on the compressor increases electrical performance at full-load and part-load operations. This results in improved overall efficiency during mechanical operations with no slip or rotor loss.



Advanced, Intelligent Energy Monitoring

Integrated with user-friendly SmartVU™ intelligent control to display real-time service parameters. Offers an innovative energy monitoring system with current data on electrical energy consumption, cooling capacity and both instantaneous and average values of machine's energy efficiency. To maximize energy savings, it can also be remotely monitored with Carrier experts to carry out a diagnosis and optimize electricity consumption.



Low Noise Levels

Significantly reduced compressor and fan noise owing to new-generation Carrier 06Z variable-speed twin-screw compressor with integrated resonance attenuator and newly designed low-noise fans. An optional acoustic cover can be fitted for the screw compressor to further reduce noise levels.



Free Cooling

100% Hydronic free-cooling harnesses the natural temperature difference with the external environment to cool indoor spaces without refrigeration, delivering up to 50% energy savings and significantly reducing operational costs while ensuring optimal performance.



Low-GWP Refrigerants

Available with ultra low GWP refrigerant of R1234ze(E), Low GWP refrigerant R513A & R134a.



MODEL DESCRIPTION (R134a & R513A)

30XF A 1152 PT015

Option codes		Description
012		High-Static Fan (120Pa)
012B		High-Speed Fan (60Hz)
015		Low Noise (Sheet Metal Enclosure)
015S		Super Low Noise
263		E-Coating
842		ASME Heat Exchanger
020A		IP54 Control Box
148B		J-Bus Gateway
148C		BACnet Gateway
148D		Lon Gateway
156		Energy Management Module
158A		7" Touch Screen
275		Remote Controller
282		EMC Classification C2
295		Ultra Fast Capacity Recovery
301		Lead/Lag Control
329D		Compressor with Induction Motor
041A		Water Exchanger Frost Protection
041B		Evaporator and Hydronic Kit (Anti-freeze Protection)
081AT		ATS (Automatic Transfer Switch)
093A		Compressor Discharge Valves
104		1.6Mpa Evaporator
107		Reversed Evaporator Connection
281		Evaporator with Aluminum Jacket
299		38mm Evaporator Insulation
305A		Spring Damping
309D		Isolate Valve for Safety Valve (Dual Safety Valve)
312A		Australian Compliance
314		Flange Connection
324A		AHF THiD 5% (Unit Mount)
901		Water-Side Plate with Aluminum Spray Coating
Unit cooling capacity code		
A – R134a Refrigerant		
C – R513A Refrigerant		
Variable frequency screw air-cooling unit		



AHRI CERTIFIED
www.ahridirectory.org

greenspeed
AQUA FORCE™

OPERATING RANGE (R134a & R513A)

Evaporator water temperature	°C	Minimum	Maximum
Water entering temperature at start-up	-	45*	
Water entering temperature during operation	6.8	30	
Water leaving temperature during operation	3.3	20	
Note: If the leaving water temperature is below 4°C, a glycol/water solution or the frost protection option must be used.			
Condenser air temperature		Minimum	Maximum
Storage	-20	68	
Operation	-20	50**	
Note: If the air temperature is below 0°C, a glycol/water solution or the frost protection option must be used.			

*Based on the installation type and the air temperature | **Part load, based on the water temperature

MODEL DESCRIPTION (R1234ze(E))

30XF Z 2100 PT015

Option codes	Description
012B	High speed fan at 1140rpm
15	Low noise (sheet metal enclosure)
015LS	Super low noise
020A	Ip54 control box protect box
023A	Improves aesthetics and piping protection against impacts
041A	Evaporator frost protection
041B	Evaporator & hydraulic module frost protection
85A	Chiller connect to 2 separated power supplied (Control, Main Pumps & Heaters connect to external UPS 400V)
85B	Chiller connect to 2 separated power supplied (Control connect to 230V UPS only)
92	Service valve set
116V	Hp vfd single pump hydraulic module
149B	Modbus over IP and rs485
149	Bacnet over IP
152P	Remote pump control
156+	Energy management module plus
194	Dual relief valves on 3-way valve
200	Australian regulation
232	Capacity booster
256	Insulation of the evap. in/out ref.lines
263	Super enviro-shield anti-corrosion protection (e-coat)
263AC	E-coat on free cooling coils
266	Welded evaporator connection kit
295+	Ultra fast capacity recovery
305A	Total hydraulic integrated free-cooling
305C	Total hydraulic free-cooling – glycol free
329	Compressor with permanent magnet
331	Plastic tarp
338	Hydraulic free-cooling removal
340A	Ats(automatic transfer switch)
346A	Configurable active harmonic filter 150a
346B	Configurable active harmonic filter 300a
346C	Configurable active harmonic filter 450a
70D	Main disconnect switch with shortcircuit protection
282	Emc class. c2. as per en 61800-3
284	230v electrical plug
294	Energy metering
335	400-3-60 power supply
337	Surge arrester
Unit cooling capacity code	
Z- R1234ze(E)	
Variable frequency screw air-cooling unit	



AHRI CERTIFIED
www.ahridirectory.org

greenspeed
AQUA FORCE™

OPERATING RANGE (R1234ze(E))

Unit operating range

Water Heat Exchanger	Minimum	Maximum
Water inlet temperature at start-up	°C	- 45 ⁽¹⁾
Water inlet temperature during operation	°C	6.8 36
Water outlet temperature during operation	°C	3,3 ⁽²⁾ 26
Water inlet- outlet temperature difference during operation at full load	°C	3 15
Air Heat Exchanger	Minimum	Maximum
Ambient air temperature during storage	°C	-20 68
Ambient air temperature during operation	°C	-20 ⁽³⁾ 55

Note:

The use of brine or antifreeze protection option is required if pure water is to be used and to be cooled below 4°C. If the air temperature is to fall below 0°C, a glycol/water solution or the freeze protection option must be used.

(1) Operating at partial load

(2) According to the type of installation and air temperature.

(3) Options 41A/41B mandatory for start-ups below -5°C.

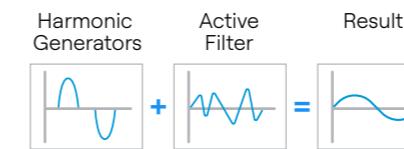
DESIGNED TO MEET DATA CENTER REQUIREMENTS



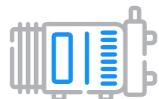
Automatic Transfer Switch



Ultra Fast Capacity Recovery



Active Harmonic Filter



Brand-New 06Z Compressor



Variable Speed Fan



Design of Wind Side Micro Channel Heat Exchanger



Variable Frequency Starting



Modular Design



Free Cooling



Extensive Low-Noise Options



Carrier SmartVU™
Control System



Low-GWP Refrigerants

Automatic Transfer Switch

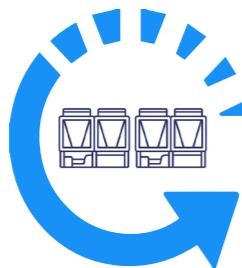


- Advanced and intelligent power-switching device guided by a dedicated control logic
- Ensures a continuous supply of electricity from one of two power sources to a connected load circuit

Ultra Fast Capacity Recovery



Single Circuit Chiller:
60 seconds at 100% Load*



Dual Circuit & Duplex Chiller:
120 seconds at 100% Load*

- Delay in chiller restart and capacity regain following power outage may increase water temperature and potentially affect the desired operation; an additional water volume system or loop is deployed to overcome the issue
- This feature ensures an immediate restart of chiller operations after power restoration with 100% capacity recovery in less than 3 minutes

Active Harmonic Filter



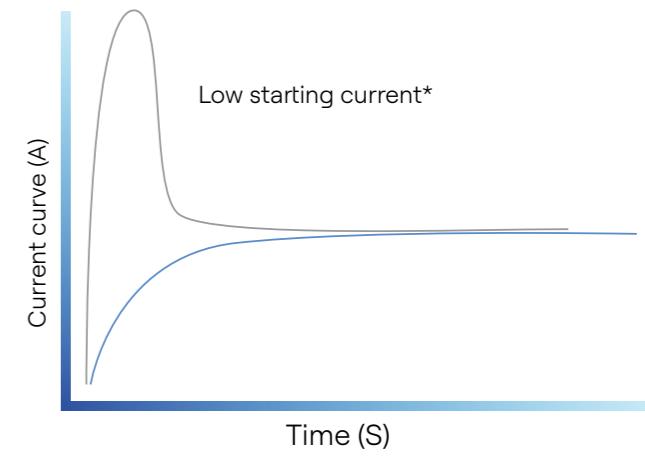
- Can be selected to eliminate harmonics at the source, with less than 5% of Total Harmonic Distortion
- The option maintains a low and safe level of harmonics to ensure reliability
- No energy is lost in the distribution system with higher power optimization in data centers
- This unit-mounted option helps in maintaining a clean electrical environment

Variable Speed Fan



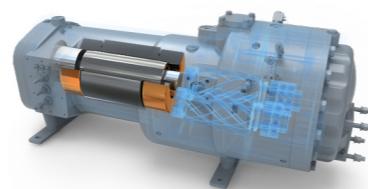
- Significantly increases air volume and lowers fan noise
- Impeller design incorporates composite materials and integral casting mold
- Shield reduces leakage and turbulence between impeller and air outlet
- Efficient variable speed fan motor with 80% motor efficiency

Variable Frequency Starting



Using a frequency converter to achieve soft start of the compressor, the low starting current avoids impact of excessive starting current on the power grid caused by conventional

Brand-New 06Z Compressor



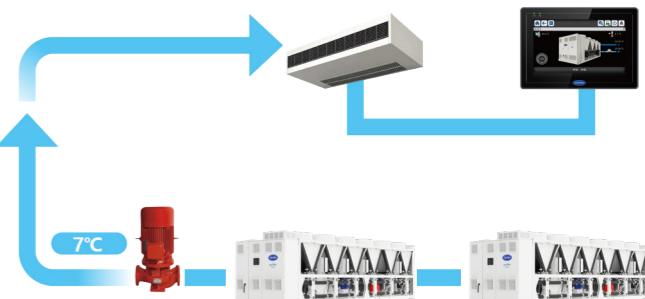
- Newly optimized tooth number pairing ratio with precise meshing for lower compressor vibration and lower unit leakage rate as compared to previous generation of compressors
- Compressor adopts a slide valve-free design to achieve full frequency conversion adjustment, effectively reducing mechanical losses with a larger adjustment range and precise control
- Internal pressure ratio control valve achieves precise adjustment; by opening and closing internal solenoid valve according to diverse pressure loads and ratios, it adapts to varied working conditions and significantly improves unit performance under partial loads
- Variable speed compressor had a wide operating range with a single unit operating load as low as

Design of Wind Side Micro Channel Heat Exchanger



- Refrigerant uses micro channel heat exchanger technology on wind side to lower refrigerant filling and protect the environment
- Sturdy and reliable standard nano level TCP coating on the fins' surface enables to improve their anti-corrosion performance while maintaining heat transfer performance without being affected; higher anti-corrosion E-coating can also be opted to achieve better anti-corrosion results
- V-shape coil design which is conducive to uniform distribution of wind field, ensuring exceptional unit performance

Modular Design



Modules can be connected in series to avoid operational interference and achieve stable control of water temperature. This ensures more stable operations of the unit.

Free Cooling



- 100% Hydronic free-cooling harnesses the natural temperature difference with the external environment to cool indoor spaces without refrigeration, delivering up to 50% energy savings and significantly reducing operational costs while ensuring optimal performance

Extensive Low-Noise Options

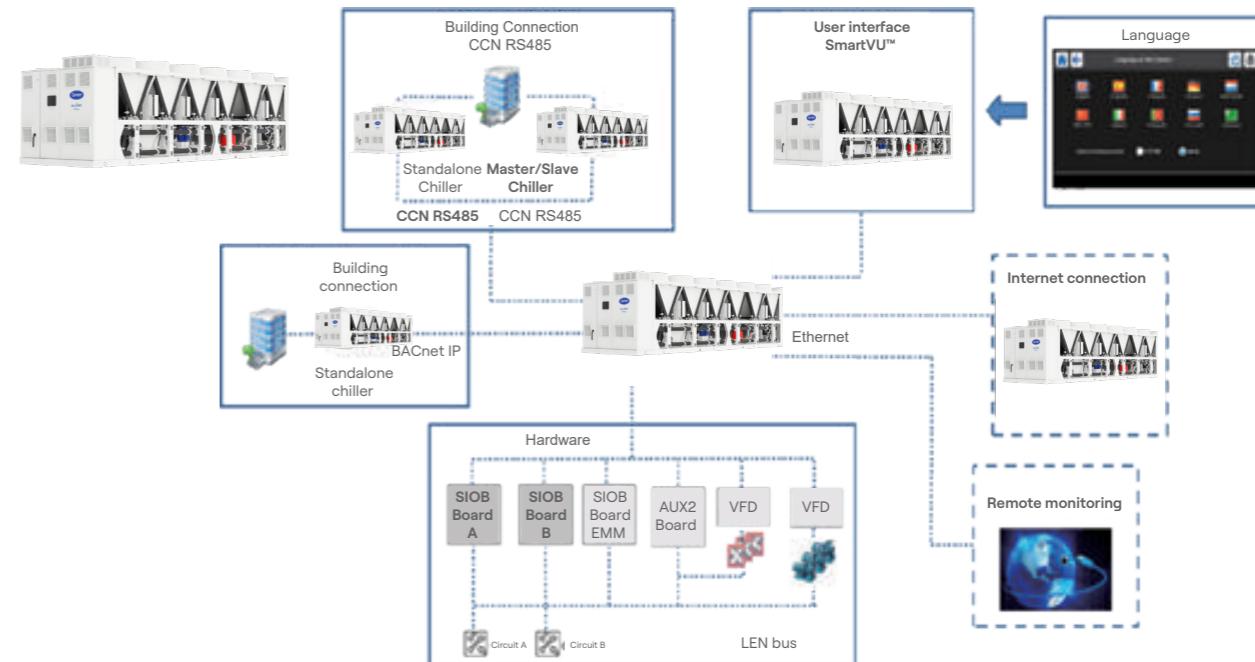


- Varied noise reduction options can be customized as per requirements
- Ultra-low noise option is based on, where compressor suction pipe is packed with sound-absorption materials and equipped with a low-noise fan to further lower the machine's overall noise
- Spring damping balances the weight unit combined with compressor vibration dampers to form dual vibration reduction which efficiently alleviates noise transmission caused by unit vibration across the building structure
- Hardware soundproof cover can further isolate the noise of components such as exhaust pipes and compressors

CARRIER SmartVu™ CONTROL SYSTEM

An integrated, dynamic and intelligent touch-screen system, enjoy enhanced equipment and system management with the intelligent Carrier SmartVu™. It is equipped with a host of advanced features that ensure productivity, connectivity and efficiency.

SmartVu™ also comes with intelligent protocol module Wi-Fi that supports CCN, BACnet IP, Modbus TCP/IP and Modbus RTU protocols, leveraging the Carrier Smart Service based on Big Data Processing.



Features



Intuitive
Touch Screen Interface



PID to Indicate All
Parameter Data for Chiller



Email Alerts



Image Tile
Menu Layout



DCT for Simplified
Service Operations



Time Scheduling for
Reduced Energy Bills



Direct Access to
Service Documents



MAINTENANCE YOU CAN COUNT ON

Maximize performance, protect your investments and maintain your HVAC budget with the customizable BluEdge service platform. Carrier helps you create a plan that ensures your equipment's peak performance and longevity.



First Year Service Contract

When you purchase certain qualifying equipment, you'll benefit from our complimentary BluEdge First Year Service Contract. Includes operating inspections by factory-certified Carrier technicians provided during the standard equipment warranty period. You'll also receive high priority for non-scheduled service events.

Customers with IoT-enabled equipment will receive digital support that includes advance notifications, remote diagnostics and enhanced field service support.



Bluedge Services

24/7 Emergency Support & Prioritization

Stay ahead of failures and reduce operating costs, available 24/7. Service agreement customers receive priority for service calls.

IAQ Offerings

Continuously monitor various air quality parameters and conditions for changes so adjustments can be made to get indoor air quality to healthy levels.

Digital offerings

Connect your equipment to Carrier's cloud-based IoT platform, securely sharing real-time data to visualize, analyze and optimize machine health and life cycle outcomes.

Annual Preventive Maintenance

Our technicians perform thorough maintenance in machine shutdown mode that ensures longevity and higher reliability when placed back into service.

Cooling and heating start-up services ensure optimal seasonal performance.

Operating Inspections

Carrier thoroughly inspects and adjusts your equipment

Preventive Maintenance

Receive more frequent preventive maintenance outside of the standard preventive maintenance schedules based on individual equipment requirements and needs.

Predictive Maintenance

Advanced diagnostic service options expose hidden problems before they become emergency issues and schedule repairs at times most convenient for you.

Unscheduled Repairs, Parts & Labor

Repair or replacement of moving parts and maintainable

WE SERVICE ALL EQUIPMENT BRANDS

We have extensive experience servicing all major heating, ventilation and cooling manufacturers' equipment, as well as excellent technical understanding of HVAC

Air- and Water-Cooled

Chillers

Packaged Unitary Equipment

Air Handling Units

Cooling Towers

Building Controls

Heat Exchangers

Boilers

Split Systems

Pumps

Carrier-certified technicians understand the intricacies of your business and the daily demands on the equipment in your facility.

How we ensure the highest-quality customer service:

- Factory-trained and certified technicians
- Carrier factory-authorized parts
- Comprehensive HVAC equipment expertise across all brands
- Focus on safety and efficiency
- Standard procedures
- Customer-focused service team
- First year service contract with qualifying equipment

CARRIER COMMERCIAL SERVICE SOLUTIONS



HEALTHY BUILDINGS

Suite of advanced solutions to help deliver healthier, safer, more efficient and productive indoor air quality regardless of your building type/indoor environment.



DIGITAL OFFERINGS

Advanced analytics and actionable insights to deliver key outcomes. Connected chillers receive 24/7 support from the BluEdge Command Center with real-time monitoring by top-tier engineers.



CARRIER RENTAL SYSTEMS

Specialized cooling, heating, dehumidification and power generation rental equipment for temporary solutions and long-term projects.



CARRIER I-VU® BUILDING AUTOMATION

Building automation and control products help optimize the use of HVAC systems to deliver healthier, more

CARRIER 30XF TECHNICAL SPECIFICATIONS (R134a & R513A)

Model		Unit	0501		0651		0751		0851		1002		
			R134a	R513A	R134a	R513A	R134a	R513A	R134a	R513A	R134a	R513A	
Nominal cooling capacity	IDC 1 condition	kW	738.3	737.8	928.7	928.3	1,129	1,128	1,275	1,275	1,497	1,496	
Compressor power			172.2	178.8	213.7	222	254.1	263.8	291.4	302.5	349.8	363.3	
Total power			184	190.6	228	236.6	271.5	281.2	311.6	322.7	372.8	386.3	
Cooling capacity			587.1	546.6	739.9	689.1	876.3	814.9	1,024	952.9	1,174	1,092	
Compressor power	IDC 2 condition		169.8	162	204.6	198	233.1	222	274	259	335.4	318	
Total power			181.6	174	219.2	212	250.5	239	294.2	280	358.4	341	
Minimum capacity		%	25%		30%		25%		25%		10%		
Refrigerant(s)			R134a/R513A										
Circuit A		kg	85		95		130		145		85		
Circuit B			-		-		-		-		85		
Circuit C			-		-		-		-		-		
Circuit D			-		-		-		-		-		
Compressor		Variable Speed Semi-Hermetic Screw Compressor											
Circuit A			1		1		1		1		1		
Circuit B			-		-		-		-		1		
Circuit C			-		-		-		-		-		
Circuit D			-		-		-		-		-		
Control		Carrier SmartVU™ System											
Condenser		Micro Channel											
Fans		VI generation FlyingBird axial fan											
Quantity			8		10		12		14		16		
Total airflow	IDC1 condition	L/s	40,084		50,105		60,127		70,148		80,169		
Fan speed		RPM	950										
Total airflow	IDC2 condition	L/s	40,084		50,105		60,127		70,148		80,169		
Fan speed		RPM	950										
Evaporator		Flooded Heat Exchanger											
Water content		L	84		101		101		127		146		
Nominal flow rate	IDC1 condition	L/s	18		22		27		31		35		
Nominal pressure drop		kPa	8		11		19		24		43		
Flow rate	IDC2 condition	L/s	14		18		21		25		28		
Pressure drop		kPa	5.50		7.35		11.9		15.8		27.6		
Connection		Victaulic											
Nominal Diameter		DN	150		150		150		150		150		
Electrical data		400V-3Ph-50Hz											
Power supply		24V via Internal Transformer											
Control power supply		24V via Internal Transformer											
Start-up method		VFD Start											
Fan and control power		kW	11.8		14.6		17.4		20.2		23.0		
Maximum unit current draw	Circuit A+B	A	314		388		453		518		625		
			-		-		-		-		-		
Maximum start-up current	Circuit A+B		314		388		453		518		625		
			-		-		-		-		-		
Max operation power	Circuit A+B	kW	202		250		292		334		402		
			-		-		-		-		-		
Unit dimensions (L x W x H)		mm	6,982 x 2,253 x 2,297		6,982 x 2,253 x 2,297		8,176 x 2,253 x 2,297		9,370 x 2,253 x 2,297		10,519 x 2,253 x 2,297		
Shipping weight		kg	5,096		5,751		6,376		6,774		8,683		
Operating weight (Standard)			4,935		5,600		6,255		6,610		8,475		

Notes:

1. IDC1 Condition: entering/leaving water temperature = 30/20°C, outdoor air temperature = 35°C, fouling factor = 0.018m2K/kW
 2. IDC2 Condition: entering/leaving water temperature = 30/20°C, outdoor air temperature = 45°C, fouling factor = 0.018m2K/kW

3. Allowable voltage fluctuations ±10%
 4. Models A and B are shipped independently for Models 1300 to 1700
 5. Both R134a and R513A refrigerants are AHRI-certified

Model		Unit	1152		1300		1400		1500		1600		1700	
			R134a	R513A	R134a	R513A	R134a	R513A	R134a	R513A	R134a	R513A	R134a	R513A
Nominal cooling capacity	IDC 1 condition	kW	1,731	1,730	1,834	1,833	2,021	2,020	2,223	2,223	2,384	2,384	2,519	2,519
Compressor power			396.2	411.8	422.6	438.9	462.4	480.1	503.4	522.8	542.1	563.6	579.5	601.6
Total power			422.3	437.6	451.2	467.5	493.8	511.5	537.6	557	579.1	600.6	619.3	641.4
Cooling capacity			1,318	1,226	1,451	1,351	1,597	1,486	1,744	1,622	1,882	1,750	2,028	1,887
Compressor power	IDC 2 condition		362.5	347.4	399.6	383.7	434.1	414.4	469.1	445.4	501.5	475	546.4	516.4
Total power			388.3	373.2	428.2	412.3	465.5	445.8	503.3	479.6	538.5	512	586.2	556.2
Minimum capacity		%	15%		15%		15%		15%		15%		15%	
Refrigerant(s)			R134a/R513A											
Circuit A		kg	120		95		95		135		135		145	
Circuit B			70		-	</td								

CARRIER 30XF TECHNICAL SPECIFICATIONS (R1234ze(E))

Model		30XFZ with PT338 without free cooling	0550	0600	0750	0900	1000	1100
Nominal cooling capacity	IDC1 condition	kW	550	615	809	950	1,066	1118
Compressor power			120	130	176	209	241	240
Total power			133	143	195	230	265	268
Cooling capacity	IDC2 condition		507	568	711	835	948	1033
Compressor power			146	154	196	229	267	294
Total power			160	172	214	250	292	322
Minimum capacity		%	20%	18%	24%	20%	18%	10%
Refrigerant(s)			R1234ze (E)					
Module A		kg	82	85	124	126	128	80
Module B			-	-	-	-	-	82
Compressor			Variable speed semi-hermetic screw compressor					
Module A			1	1	1	1	1	1
Module B			-	-	-	-	-	1
Control			Carrier SmartVu 7 inch Touch screen					
Condenser			Microchannel					
Fans			VI generation FlyingBird axial fan					
Quantity			8	10	10	12	14	16
Total air flow	IDC1 condition	m3/h	143500	165869	183069	217133	252528	290997
Total air flow	IDC2 condition		147666	185555	183626	220588	257620	295116
Fan speed	Max	rpm	950					
Evaporator			Flooded heat exchanger					
Water content		l	141	154	206	206	206	314
Nominal flow rate		l/s	13	15	19	23	26	27
Nominal pressure drop		kPa	40	48	38	49	59	25
Flow rate		l/s	12	14	17	20	23	25
Pressure drop		kPa	35	43	31	40	49	21
Connection			Victrallic					
Nominal Diameter		DN	125	125	150	150	150	150
Electrical data								
Power supply			400V-3Ph-50Hz					
Control power supply			24V via internal transformer					
Start-up method			VFD start					
Fan and control power IDC1		kW	13	13	18	21	24	28
Fan and control power IDC2			14	18	18	21	25	28
Maximum unit current	Module A+B	A	274	310	355	421	482	537
Maximum start-up current			274	310	355	421	482	537
Max operation power		kW	177	200	229	271	311	346
Unit length (Operating)		mm	5591	6785	6785	7979	9173	11003
Unit width			2258					
Unit height			2325					
Shipping weight		kg	4262	4548	5591	5881	6207	8288
Operating weight (Standard)			4403	4702	5797	6087	6413	8602

Notes

Notes:
 1. IDC1 Condition: entering/leaving water temperature=30/20°C, outdoor air temperature = 35°C, fouling factor = 0.018m²k/W
 2. IDC2 Condition: entering/leaving water temperature=30/20°C, outdoor air temperature = 45°C, fouling factor = 0.018m²k/W

3. Allowable voltage fluctuations $\pm 10\%$
4. All 30XFZ with R1234ze(E) refrigerant is AHRI-certified

Notes:

Notes:
 1. IDC1 Condition: entering/leaving water temperature = 30/20°C, outdoor air temperature = 35°C, fouling factor = 0.018 m²K/kW
 2. IDC2 Condition: entering/leaving water temperature = 30/20°C, outdoor air temperature = 45°C, fouling factor = 0.018 m²K/kW

- 3. Allowable voltage fluctuations $\pm 10\%$
- 4. All 30XFZ with R1234ze(E) refrigerant is AHRI-certified

*Also available from Carrier's manufacturing facility in India.

NOTES



For more details, please get in touch with us:

Email: carrier.vietnam@carrier.com in f

This catalogue provides certain general information and is intended for general guidance only. Carrier is not liable for any damage arising out of the use of the catalogue.

The Manufacturer reserves the right to change any product specification without prior notice. All Proprietary Rights Reserved by Carrier.