Model Nominal Air Quantity Power Supply Fan Type Remote Control Type Width cm(m) Overall dimensions Length cm(m)	40LC-004GA 1200 0.56	40LC-005GA 1600 0.75	40LC-007GA	00000	40LC-	40LC-012GA	401 C-0486A
A;	40LC-004GA 1200 0.56	40LC-005GA 1600 0.75	40LC-007GA	V CO TO C	40LC-	-012GA	4010 0 10k
As ge	1200	1600		40LC-010GA			40LV-U10GA
A. 90	0.56	0.75	2200	3400	74	4400	0089
36			1.03	1.60	2.	2.07	3.20
90				230 ± 10% - 1 - 50			400 ± 10% - 3 - 50
90			Direct drive	Direct driven DIDW Forward Curved Centrifugal Fan	d Centrifugal Fan		
			Mic	Microprocessor - LED Display	lay		
	72.5(0.73)	72.5(0.73)	75(0.75)	70(0.70)	92.5(92.5(0.925)	97(0.97)
	120.5(1.21)	120.5(1.21)	125(1.25)	164.6(0.16)	190(190(1.90)	194.6(1.946)
Height cm(m)	34.5(0.35)	34.5(0.35)	34.5(0.35)	46(0.46)	46(1	46(0.46)	68.4(0.684)
Kg	90	62	09	91	-	130	182
Expansion Device					Thermal Expansion Device		
	51MSG-036GSB	51MSG-048GSB	38LH-066GSB	38LH-102GSB	38LH-132GSB	38LH-132GSB-LP**	38LH-102GSBM +
							38LH-102GSBS
Z	-	-	-	-	-	-	2
Nominal Air Quantity CFM	2400	3000	4250	6250	8000	8000	6250
Nominal Air Quantity m ³ /s	1.13	1.41	2.00	2.94	3.	3.76	2.94
(V-ph-Hz)				400 ± 10% - 3 - 50			
Type				Propeller			
Width cm(m)	32.5(0.33)	43.5(0.44)	41(0.41)	61(0.61)	60.5(0.61)	60.5(0.61)	61(0.61)
Overall dimensions Length cm(m)	90.4(0.90)	103(1.03)	104(1.04)	98.2(0.98)	120(1.20)	120(1.20)	98.2(0.98)
Height cm(m)	82(0.82)	69.5(0.70)	87.5(0.88)	110(1.10)	105.5(1.06)	105.5(1.06)	110(1.10)
Type				Scroll Compressor			
Kg	72	82	112	135	175	180	135
Expansion Device	Capillary	lary	1	1			·

Parameter	1 0	Unit	INDOOR UNIT	NNIT	OUTDOOR UNIT	UNIT
Model			42CX-006GA	42CX-008GA	51MSG-018GRC	51MSG-024GRC
		Ton	1.5	1.9	1.5	1.9
NOTHINAL COUNTY CAPACITY		watt	5275	6510	5275	6510
		CFM	610	720	1800	2150
Nominal Air Quantity		m³/s	0.29	0.34	0.85	1.01
Power Supply		(V-ph-Hz)		230 ± 10	230 ± 10% - 1 - 50	
		Type	Direct Driven curved fan c	Direct Driven DIDW forward curved fan centrifugal fan	Centrifugal fan	jal fan
Fan Type		Quantity		2	_	
		Discharge		Horiz	Horizontal	
Fan Motor		Quantity		-	_	
2000		Type			Rotary	ry
COIIIDIGESSOI		Quantity			-	-
Net Weight		Kg	24	30	42	47
Refrigerant				R4	R410A	
	Width cm(m)	cm(m)	100.5(1.0)	121(1.21)	91(0.91)	91(0.91)
Overall dimensions	Length cm(m)	cm(m)	24.5(0.25)	24.5(0.25)	35.5(0.36)	35.5(0.36)
	Height cm(m)	cm(m)	57(0.57)	57(0.57)	69(0.69)	82(0.82)
Expansion Device					Capillary	lary
*Cooling capacities under IS-8148 test conditions	ions					



TOTALINE













Carrier India



Carrier is a part of UTC Climate, Controls and Security, a unit of United Technologies Corp. (UTC), a leading provider to the aerospace and building systems industries worldwide. UTC was ranked at 151st position in Fortune 500 list of global corporations in 2014.

Built on Dr. Willis Carrier's invention of modern air conditioning in 1902, Carrier's research, expertise and innovation have resulted in market leading solutions. We recognize the vital importance of maintaining a responsible balance between the comfort we create today and the world we live in tomorrow. Millions of people trust Carrier's leadership in delivering efficient solutions. To know more, please visit http://www.carrier.com.

Dr. Willis Carrier

Over the years, Carrier India has significantly contributed in promoting sustainability. Carrier is the only company in the world to be a founding member of the Green Building Councils of the U.S., Argentina, China, India, Singapore and France. In fact, Carrier was instrumental in launching the U.S. Green Building Council® (USGBC) in 1993 and was the first company in the world to join the organization.





It invests in R&D resources to advance energy efficiency, ozone layer protection and low global AdvanTE³C Solutions Center is a natural evolution of Carrier's approach to sustainability and supports customers around the world in developing strategic, energy-efficient and custom-engineered building solutions.

Carrier's efforts in promoting sustainability can be quantifiably measured by means of the Carrier CO2NSERVATION Meter, which meticulously calculates the avoided greenhouse emissions with the help of Carrier products, globally since 2000. To know more about the Carrier CO2NSERVATION Meter, please visit http://www.naturalleader.com.





ACE(Achieving Competitive Excellence) is our proprietary operating system to ensure world-class quality in our products and processes. With its relentless focus on increasing efficiency and reducing waste, ACE is integral to the company's performance model. The company's facilities worldwide are using the operating system to improve quality and customer satisfaction while lowering cost.

Carrier's presence in India dates back to 1986, when Carrier India was established. In the year 1988, the first manufacturing facility was commissioned in Gurgaon, Haryana. Spread in an area of 19 acres, this state-of-the-art facility consists of highly automated manufacturing unit, an excellent R&D Center and an advanced Quality Clinic. Currently, products manufactured in this facility include Cassettes, Ducted Splits, Package Units, Air Cooled & Water Cooled Screw Chillers, Air Cooled & Water Cooled Reciprocating Chillers, Fan Coil Units, Air Handling Units, Refrigeration products and Fire & Security products.

Snapshots of Carrier India manufacturing facility





Our comprehensive Environment, Health & Safety (EH&S) program establishes a framework and provides tools for implementing our EH&S practices into our business & culture. The Carrier Gurgaon facility holds a distinctive record of delivering over 26 million man hours without a lost work day incident, clearly citing the measures of safety followed here.

Carrier India has 23 sales and service offices, more than 800 sales and service channel partners - throughout the country, ensuring efficient solutions and quality services at customer's doorstep. To know more visit http://www.carrierindia.com.

SPECIFICATIONS VERSATECH

	Parameter		Model Nos.	Nominal Cooling Capacity*	N C	Nominal Air-Quanity	Power Supply		Fan		200	Tall Moto		Overall Size		Compraecor		Net Weight	Refrigerant
				*				Type	Quantity	Discharge	Type	Quantity	Width	Depth	Height	Type	Quantity		
	Unit			Watt	m³/s	CFM	V-ph-Hz		Z			Z	cm (m)	cm(m)	cm(m)	1	Ν	kg	
		3TR	40LC004R	10551	0.57	1200	230-1-50						63.3(0.63)	99.1(0.99)	46(0.46)	I	I	55	
INDOO	Ductab	4TR	40LC005R	14068	0.75	1600	230-1-50		-	Horizontal		-	(99.0)99	99.1(0.99)	46(0.46)	I	ı	22	
R UNIT	le Units	5TR	40LC006	17585	0.94	2000	230-1-50	Direct Driv					63.3(0.63)	116.3(1.16)	46(0.46)	ı	I	99	
		7.5TR	40LC009C	26377	1.42	3000	230-1-50	en DIDW forward curved ce	2	Horizontal/Vertical	ermanent Spilt Capacitor ty	2	70/67(0.70/0.67)	149.6(1.49)	46/49(0.46/0.49)	I	ı	80	R-22
		1.5TR	42CX-006	5275	0.28	009	230-1-50	ntrifugal fan			ed		56.6(0.57)	121(1.21)	24(0.24)	1	1	30	
	Fan Coil Units	2TR	42CX-008	7034	0.38	800	230-1-50		2	Horizontal		-	59(0.59)	121(1.21)	31(0.31)	1	1	39	
		2.5TR	42CM010DX	8792	0.47	1000	230-1-50						61.3(0.61)	129(1.29)	33.2(0.33)	I	ı	29	
	INDOOR UNIT	INDOOR UNIT Unit Ductable Units	NDOOR UNIT Fan Coil Units Fan Coil Units T.5TR T.5TR 2TR T.5TR T.5TR	NDOOR UNIT Ductable Units Fan Coil Units Tiste Tiste	NDOOR UNIT Ductable Units Fan Coil Units TR	INDOOR UNIT Ductable Units Fan Coil Units Table ATR 7.5TR T.5TR CTR ADLC004R 40LC005R 40LC006 40LC009C 42CX-006 42CX-008 Watt 10551 14068 17585 26377 5275 7034 m³/s 0.57 0.75 0.94 1.42 0.28 0.38	Note CFM Logar Logar	Nuit	INDOOR UNIT Ductable Units Fan Coil Units A Ductable Units ATR ATR	Nominal Air-Quanity Type Nominal Air Age Nominal Air Quanity Type Type Nominal Air Quanity Type Type Age Age	INDOOR UNITS Fan Coil Units Model Nos. 41R 5TR 7.5TR 1.5TR 2TR 7.5TR 7.5TR 7.5TR 2TR 2TR	Parameter Ductable Units Fan Coil	IMDOOR UNIT Parameter Unit Fan Coil Units Model Nos. Tark Tark Fan Coil Units Mominal Cooling Capacity* Watt 40LC006R 40LC006R 40LC006 42CX-006 42CX-006						

ECHNICAL SPECIFICATIONS
2 : T
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DUCT

								DUCTED-R22					
	Nominal Cooling Canacity*		TR	3.0TR	4.0TR	5.5TR	8.5TR	11.0TR	11.	11.0TR	11.0TR	17.0TR	17.0TR
	Wolfinial Cooling Capacity		W	10551	14068	19343	29894	38687	38	38687	38687	59789	59789
	MODEL			40LC004SDR	40LC005SDR	40LC006SDR	40LC010DR	40LC012DRM	40LC	40LC012S	40LC012HC	40LC018DR	40LC018HC
	Mominal Air Orish		CFM	1200	1600	2200	3400	4400	44	4400	5500	0089	8500
	Wollinial All Gualitity		m3/s	0.57	92'0	1.04	1.60	2.07	2.	2.07	2.59	3.20	4.00
	Power Supply		V-ph-Hz			230 ± 10% - 1-50						400 ± 10% -3 - 5	
TIN	Fan/Propeller		Type		Direct driv	Direct driven DIDW Forward Curved Centrifugal Blower	Surved Centrifugal	Blower			Belt driven DID	Belt driven DIDW forward Curved Centrifugal Blower	entrifugal Blower
า ยด	Corded Remote Control						Micr	Microcontroller - LED display	olay				
DOG		Width	cm(m)	59.0	59.0 (0.59)	75.0 (0.75)	70.0 (0.70)	92.5 (0.925)	.925)			97.0 (0.970)	
NI	Overall dimensions	Length	cm(m)	120.0	120.0(1.20)	125.0(1.25)	164.6(1.646)	190.0(1.90)	(06:			194.6(1.946)	
		Height	cm(m)	31.0(31.0(0.31)	34.5(0.345)	46.0(0.46)	46(0.46)	16)			68.4(0.684)	
	Net Weight		Kg	39	43	62	91	130		130	175	182	192
	Expansion Device			1	1		Therr	Thermostatic Expansion Device	yvice				
			Model	51MSG-036SDR	51MSG-048DR	38LH066SSDR	38H100SDR/ 38LH102HCM	38LH066SSDR S+ 38LH066DRM	38LH132	38LH132LP**	38LH066S+ 38LH066S	38LH100SSDR+ 38LH100DRM	38LH100SSDR+ 38LH100SSDR
	No. of units		N	1	1	-	-	1+1		1	1+1	1+1	1+1
	Mominal Air Outantity		CFM	2400	3000	4200	6250	4200	8	8000	4200	6250	6250
T			m³/s	1.13	1.41	1.97	2.94	1.97	e)	3.76	1.97	2.94	2.94
ΙΝΩ	Power supply		V-ph-Hz					400±10%-3-50					
RO	Fan/Propeller		type	Axial	ial				Propel	Propeller Fan			
ОП	Con/Dronollor Motor		Type				Perm	Permanent Spilt Capacitor Type	Type				
.no		Power	W	107	125		370			470	150	370	
		Width	cm(m)	32.5(0.325)	32.5(0.325)	41.0(0.410)	61.0(0.610)	41.0(0.410)		60.5 (0.61)	(009.0)0.09	61.0(0.610)	((
	Overall dimensions	Length	cm(m)	90.4(0.904)	90.4(0.904)	104.0(1.040)	98.2(0.982)	104.0(1.04)		120.0(1.20)	120.0(1.20)	98.2(0.982)	(
		Height	cm(m)	69.2(0.692)	82.0(0.820)	87.5(0.875)	108.2(1.082)	87.5(0.875)	-	105.5(1.055)	84.5(0.845)	108.2(1.082)	(i
	Compressor		Type							Scroll			
	Net Weight		Kg	89	73	112	150	112	175	180	150	150	
	Expansion Device			Capillary	lary								

CORDED REMOTE CONTROLLER WITH LED DISPLAY

FEATURES

- On/Off
- Auto Restart (Selectable)
- Mode Selection (Cool/Fan)
- Room Temperature Range (18°C 32°C)
- Set Temperature Display
- · Fault Indication LP, HP, Sensor Fail
- Indoor Blower Speed Selection (Low/Medium/High)
- Compressor ON/OFF Delay for Compressor Protection



LED Controller

CORDED REMOTE CONTROLLER WITH LCD DISPLAY

Display: Graphics LCD with back light, menu driven, user-friendly screen for different function settings.

Keys: 8 keys for different functions and settings, 2 Multi function keys, Up and Down keys, Right and Left Shift keys, On/Off key, Reset key.



LCD Controller

CARRIER VERSATECH SERIES

True to its name, the Versatech multi-split air conditioners are extremely versatile. The Versatech compact unit saves valuable floor space and requires no plant room space. It is available in 1.5, 2.0, 3.0, 4.0, 5.0 & 7.5 TR capacities. All models in this series offer unmatched flexibility within a range of ductable & fan coil indoor units that blend beautifully with any interior.



FEATURES & BENEFITS

Saves Space: Sleek, aesthetic indoor unit that matches to the beam. As a result, it fits unobtrusively above false ceiling. Ideal for architects, interior decorators and consultants.

Energy Efficient: High power saving because of unique two or three compressor configurations, which shut off separately. Its dual sine wave fin pattern gives high performance

Easy Servicing: The outdoor unit design ensures easy servicing of compressor by making it easily accessible. Both side panels and bottom panel of indoor unit are easily removable for convenient adjustment or replacement of motor or housing.

Efficient Design: Direct driven DIDW fan provides powerful air throw for uniform distribution over large area and operates silently.

Powder coated units give durability to air conditioners.

Flexible Air-discharge Option: Its unique, multiplex configuration helps you switch discharge from horizontal to vertical & vice-versa depending on where you wish to place the outdoor unit.

Installation Ease: Quick lock fittings ensure quick & easy installation.

Electronic Remote Control: The system has microprocessor based remote control for precise temperature setting.



CARRIER DUCTED

With sustained market leadership & strong legacy, Carrier presents a wide range of highly reliable ducted products to suit your needs. It caters to a wide variety of applications such as small offices, big workstation, hotels etc.

The outdoor condensing unit housing the scroll compressor gives a wide range of comfort features, especially suited to Indian conditions such as wide operating voltage, silent operation, economical running and unmatched reliability. Its compact size indoor units with the best-in-class height of 345mm in 3TR, 4TR, and 5.5TR for R410A models. 8.5TR models occupy less space and gives sleek aesthetics.





FEATURES & BENEFITS



Highly Reliable: Scroll compressor technology with built-in compressor protection offers higher efficiency, minimal noise, enhanced reliability/ fault tolerance, easy installation and longer service life compared to conventional reciprocating & rotary compressors.



Phase sequence protection safeguards the compressor against reverse phase sequencing.



Efficient Performance: Thermostatic expansion valve adjusts refrigerant flow to cater to variations in heat load and make the system more efficient over a broader temperature range. It increases the flow of refrigerant to provide better cooling at higher temperatures. It also prevents liquid slugging, which can damage compressors.



Its high efficiency Double Inlet Double Width (DIDW) fans help realize high savings in the consumption of electricity. The aerodynamic profile of its inlet cone and static & dynamic balancing of the impeller helps reduce noise considerably.

Highly efficient metallic fans, with higher airflow rate, draws more heat across the condensing unit leading to greater cooling capacity.



Filter Drier for liquid line protects refrigeration and air-conditioning system from moisture, acids, and solid particles. With these contaminants eliminated, systems are safer from harmful chemical reactions.



Safe & Reliable operations

Motor Capacitors*: Its fan motors equipped with P2 capacitors provide protection against fire & electrical shock hazards by opening an internal link in case of faulty condition

Factory fitted MCB & Scanner*: MCB protects against short circuit & overload condition and provides ease of serviceability. Scanner monitors the health of input voltage & provides protection against reverse rotation of scroll





HP Switch*: The high pressure switch cuts-off power supply in case of excess compressor discharge pressure thereby preventing equipment damage.



LP Switch*: The low pressure switch monitors the refrigeration system for loss of refrigerant charge. It also helps in stopping the evaporator (indoor) coil from freezing due to a clogged/dirty filter or lower airflow over the coil.

^{*}applicable to capacities of 5.5TR and above