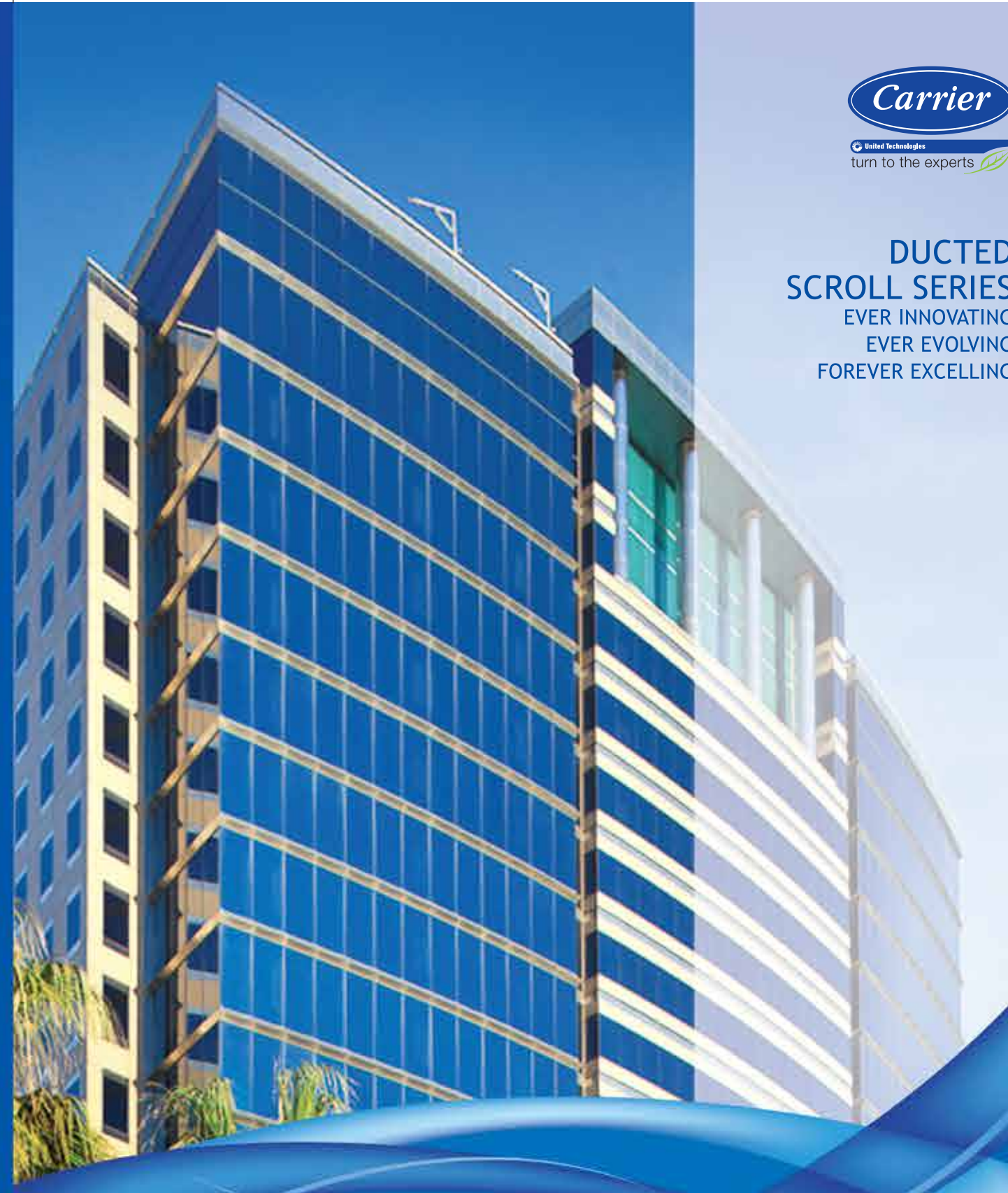


**DUCTED
SCROLL SERIES**
EVER INNOVATING
EVER EVOLVING
FOREVER EXCELLING



For more details, please contact our Carrier India sales office:
Factory & Corporate Office: Carrier Airconditioning & Refrigeration Ltd, Kherki Daula Post, Narsingpur, Gurgaon 122004, Tel: 0124-4825500. **Sales Offices:- Delhi/NCR:** 0124-4707311/4707333 **Ghaziabad:** 0120-4183260 **Lucknow:** 0522-2202346/2230598 **Chandigarh:** 0172-5007548/ 5007550 **Jaipur:** 0141-5113444/5113999 **Indore:** 0731-4070378 **Mumbai:** 022-61700700 **Ahmedabad:** 079-40267777 **Pune:** 020-67045100 **Kolkata:** 033-40201300 **Chennai:** 044-42222888 **Bangalore:** 080-43442000 **Hyderabad:** 040-41100222 **Cochin:** 0484-4029001/0



Technical Specifications*

Model	INDOOR UNIT										OUTDOOR UNIT									
	4Q/C05SR	4Q/C05SR	4Q/C05SR	4Q/C05R	4Q/C05RH	4Q/C05RH	4Q/C05C	4Q/C05LR	4Q/C05RCH	4Q/C05RCH	5HS/C05SR	5HS/C05SR	3B/L05SR	3B/L05SR	1+3B/L05SR/1+1	2+2B/L05RS	2+2B/L05SR	2+2B/L05SR		
Normal Ceiling Capacity**	30TR	40TR	53TR	83TR	112TR	140TR	171TR	214TR	260TR	294TR	360TR	480TR	600TR	820TR	1020TR	1200TR	1500TR	2000TR	2600TR	
No. of Fans	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Normal Air Quantity	1200	1600	2100	3400	4400	5500	6800	8500	10000	11500	14000	18000	22000	28000	35000	44000	58000	78000	100000	
Power Supply	Direct Drive DDM Forward Control Centrifugal Blower										401-1TR-503									
Fan	Direct Drive DDM Forward Control Centrifugal Blower										Ball Drive DDM Forward Control Centrifugal Blower									
DBtge	Horizontal										Horizontal									
Type	2										2									
DBtge	Horizontal										Horizontal									
Type	Permanent Split Capacitor Type										Totally Enclosed Fan Coiled Shell									
Fan Motor	Horizontal/Vertical										Horizontal/Vertical									
Power (Watt)	370	570	650	475	475	475	475	475	475	475	220	220	220	220	220	220	220	220	220	
Fan Speed	1650	1800	1800	900	900	900	900	900	900	900	145	145	145	145	145	145	145	145	145	
Control Type	LED Controller										Microprocessor C/D Digital LED Controller									
Overall Dimension (mm)	990 x 1200 x 310										970 x 960 x 684									
Compressor	Type										Scroll									
Height	80	80	80	80	80	80	80	80	80	80	88	88	88	88	88	88	88	88	88	
Refrigerant	R22										R22									
Expansion Device	Thermostatic Expansion Valve										Thermostatic Expansion Valve									

*Have design and specifications are subject to change without prior notice by product improvement.
 **Only Capacitors under 5 TR Conditions



The compressor is the heart of any air conditioning system. So, We decided to bring you the Scroll compressors, the best technology that guarantees high volumetric efficiency and low friction losses. They also have low sound and vibration, compared to reciprocating and rotary compressors.

These technological marvels are manufactured in a world-class facility by using the latest machining, assembly, process control techniques and are tested and subjected to abusive test conditions so that they match the stringent quality standards you have set for yourself as a professional.

Ideal for residential and commercial applications, these Scroll compressors are manufactured in a world-class production facility, using the latest state-of-the-art machining assembly and process control techniques.

The best in Scroll compressor technology with built-in compressor protection offers higher efficiency, minimal noise, enhanced reliability/ fault tolerance, easy installation and longer service life. Its patented design ensures that it uses less power than conventional air conditioning systems.

These units are available in 3TR, 4TR, 5.5TR, 8.5TR, 11.0TR and 17.0TR capacity.

OUTDOOR UNIT

The Outdoor Condensing Unit houses the Scroll compressor. It gives a wide range of comfort features, especially suited for Indian conditions like wide operating voltage, silent operation, economical running and unmatched reliability.



ODU 5.5TR & 11TR



ODU 8.5TR & 17TR

INDOOR UNIT

The Indoor Unit houses the Expansion Valve, which does not allow the refrigerant to feed into the compressor, thus increasing the life of the unit. It also houses the Distributor and Microprocessor based controls, which increases the cooling efficiency and ensures trouble-free functioning of the unit.

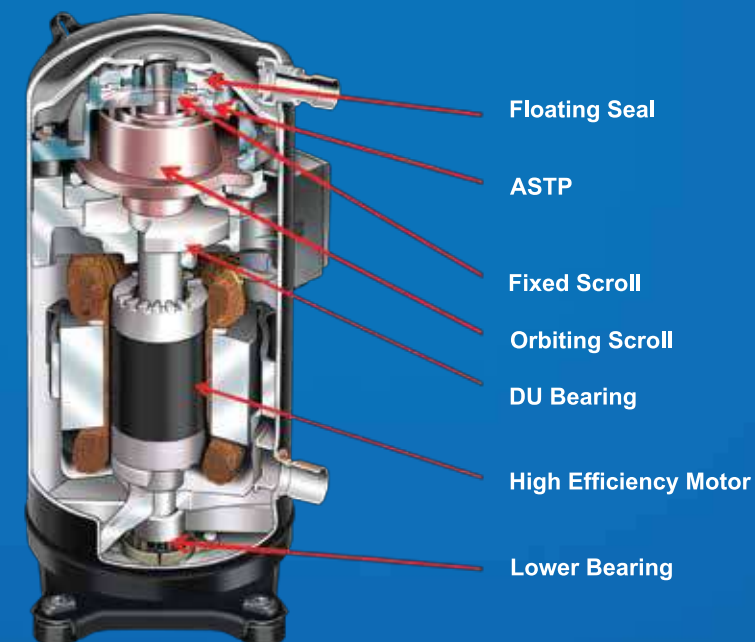


IDU 3TR



IDU 5.5TR, 8.5TR, 17TR

COMPRESSOR



Floating Seal

ASTP

Fixed Scroll

Orbiting Scroll

DU Bearing

High Efficiency Motor

Lower Bearing

PENDENT CONTROLLER LCD

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

FEATURES

- On/Off
- Built in Real Time Clock
- Auto Re-start
- Mode Selection (Cool/Fan)
- Room Temperature Setting (16°C to 30°C)
- Room Temperature Display
- Indoor Fan Speed Selection (Low/Medium/High)
- Compressor On/Off delay for Compressor Protection
- Fault Indication LP, HP, Sensor Fail
- Password Protected Menu and Parameter Setting
- System Set Up
- 6 Prog. timer with 24 Hr Time Mode for Different Event Settings in a Day
- Probe Calibration (+-10C)
- Weekly Off. (2 Days)
- Holiday Exception (20 Holidays)
- Fault Logger for Viewing 100 Faults
- Total Run Time Viewing
- Filter Clean Time Setting

PENDENT CONTROLLER LED

Display: 2 Digital 7 segment display.

FEATURES

- On/Off
- Auto Restart (selectable)
- Mode Selection (Cool/Fan)
- Room Temperature Setting (16°C to 30°C)
- Room Temperature Display
- Fault indication LP, HP, Sensor Fail
- Indoor Fan Speed Selection (Low/Medium/High)
- Compressor On/Off delay for Compressor Protection



LED Controller