

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



For more details, please contact our Carrier India sales office:  
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Model	INDOOR UNIT										OUTDOOR UNIT									
	4Q/C05SR	4Q/C05SR	4Q/C05SR	4Q/C05R	4Q/C05RH	4Q/C05RH	4Q/C05C	4Q/C05LR	4Q/C05RCR	4Q/C05RCR	5H/S-C05SR	5H/S-C05SR	3B/L05SR	3B/L05SR	1+3B/L05SR	2+2B/L05RS	2+2B/L05SR	2+2B/L05SR		
Normal Ceiling Capacity**	30TR	40TR	53TR	63TR	112TR-R	112TR-H	171TR	171TR	240TR	240TR	360TR	480TR	600TR	1200TR	1200TR	1200TR	1200TR	1200TR		
No. of Fans	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
Normal Air Quantity	1200	1600	2100	2500	4400	4400	5500	5500	8000	8000	12000	16000	20000	40000	40000	40000	40000	40000		
Power Supply	230-240V	230-240V	230-240V	230-240V	230-240V	230-240V	230-240V	230-240V	230-240V	230-240V	230-240V	230-240V	230-240V	230-240V	230-240V	230-240V	230-240V	230-240V		
Fan	Direct Drive DDM Forward Curved Centrifugal Blower										Ball-Bearing DDM Forward Curved Centrifugal Blower									
DBtq	2					3					2					2				
DBtq	1					2					1					1				
Power (Watt)	450					475					475					475				
Power (HP)	0.63					0.65					0.65					0.65				
Fan Speed	1800					1800					1800					1800				
Control Type	LED Controller					Microprocessor C/D Digital LED Controller					Microprocessor C/D Digital LED Controller					Microprocessor LED Display				
Overall Dimension (mm)	590 x 1200 x 310					590 x 1200 x 310					730 x 1250 x 345					700 x 1545 x 460				
Compressor	Type					Type					Type					Type				
Height	39					43					40					41				
Refrigerant	R410A					R410A					R410A					R410A				
Expansion Device	-					-					-					Thermoelectric Expansion Device				
Capacity	Capacity					Capacity					Capacity					Capacity				

\*Have design and specifications are subject to change without prior notice by product improvement.  
 \*\*Only Capacities 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.

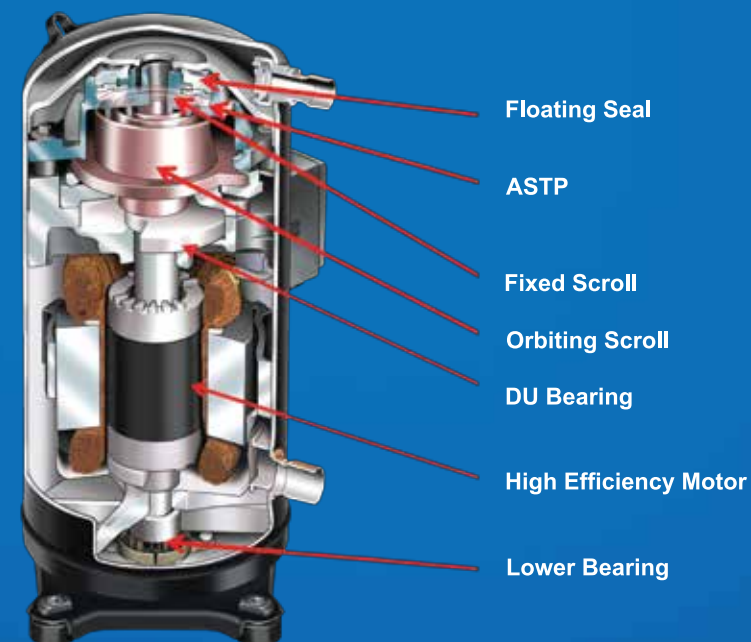


IDU 3TR



IDU 5.5TR, 8.5TR, 17TR

## COMPRESSOR



## 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