

Bulletin No. **Split-024**

Supersedes: (None)

SUBJECT: **Octra (3Star) Introduction in Split 12K, 18K & 24K Category.**

1) 1.0 TR Octra (3 Star)

Purpose: -

This bulletin intends to introduce Octra (3 Star) with PH190M2A-4FTL1 Compressor (W110 Chassis) in 1.0TR category of Carrier brand.

* Installation Kit is inside ODU.

Appearance: -

1.0 TR Octra (3 Star) IDU



CDU-W110 Chassis (1.0 TR)



Engineering Approval: B. Phani Kanth

Prepared By: Divyanshu Sharma

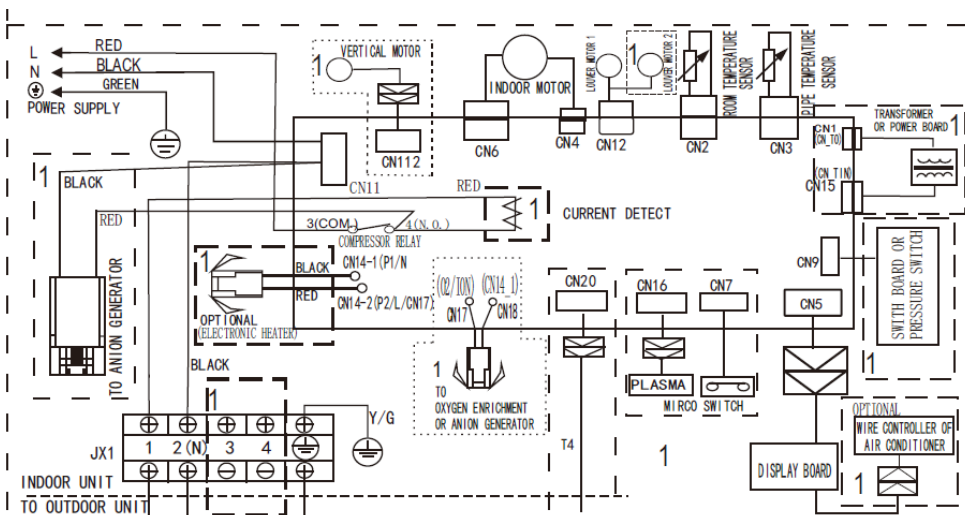
Model Details: -

12K Octra (3 Star)			
Model	IDU Code	ODU Code	Product Code
12K Octra (3 Star)	224050031340	224050032350	224050031350

Technical Specification (12K):

Condensing and Indoor Unit Specifications				
MODEL	12K Octra (3 Star) (42KGE - 012Mm + 38KGE-012AA)			
Function	Cooling			
Power Supply	230V-1ph-50 Hz			
	Btu/h	11500		
Electrical Data		Indoor Unit	Outdoor Unit	
	Running Current	A	0.3	5.0
	Power Input	W	45	983
Compressor	Type	Rotary		
	Model	PH190M2A-4FTL1		
	Capacitor (MFD)	35		
		Unit		
Fan	Type	Indoor Unit	Outdoor Unit	
	RPM(Hi//Med/Lo)	1180/1000/850	900	
	Fan Motor (Speed)	3 Speed	1 Speed	
	Motor Model No.	RPG20D	YDK36-6	
Connection	Type	Flare		
	OD(Liquid/Suction)	1/4" , 1/2"		
Refrigerant (R-22)	Control	Capillary		
	Charge (g)	810		
Gross Dimension(W*H*D)	mm	875 X 375 X 285	910 X 585 X 335	
Net. Weight	kg	9	35	

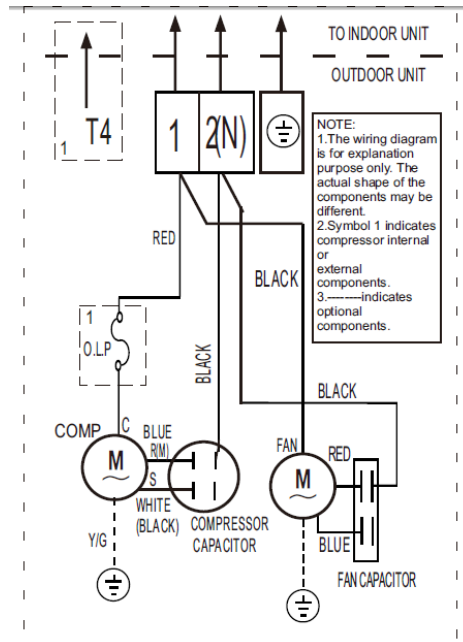
Electrical Wiring Diagram of 12K IDU (2020325A7432) :-



NOTE:

1. The wiring diagram is for explanation purpose only. The actual shape of the components may be different.
2. Symbol 1 indicates optional components
3. The Color Of cable is different according to the Standards:IEC Standards (BROWN, BLUE, Y/G), UL Standards (BLACK, WHITE, GREEN)

Electrical Wiring Diagram of 12K ODU (202031390030): -



2) 1.5 TR Octra (3 Star)

Purpose: -

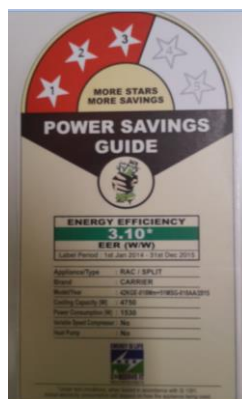
This bulletin intends to introduce Octra (3 Star) with HSG290V2VKU Compressor (NXG-A Chassis) in 1.5TR category of Carrier brand.

* Having Indoor Powering.

* Installation Kit is inside ODU.

Appearance: -

1.5 TR Octra (3 Star) IDU





"Indoor Powering Sticker on Packing of ODU & IDU.

ODU-NXG-A Chassis (1.5 TR)



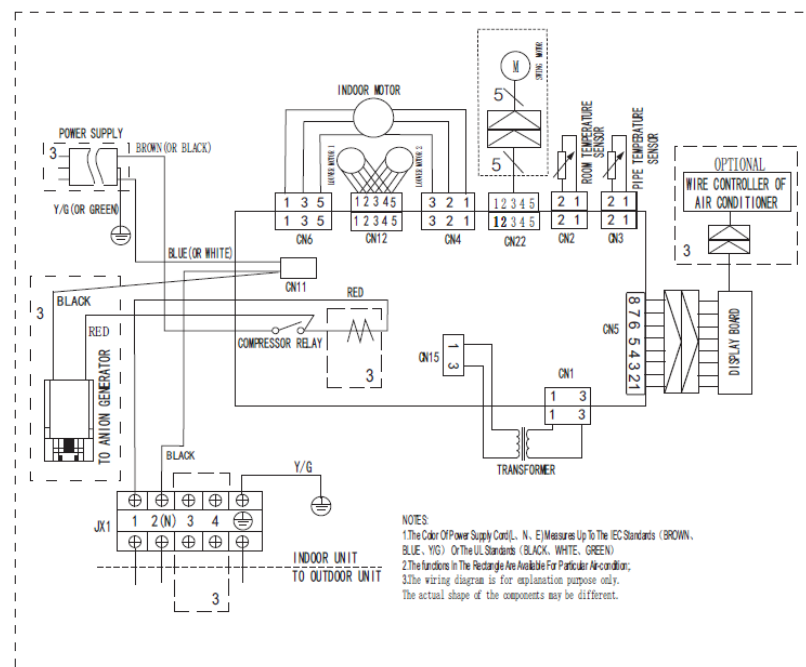
Model Details: -

18K Octra (3 Star)			
Model	IDU Code	ODU Code	Product Code
18K Octra (3 Star)	224050031360	224050032360	224050031370

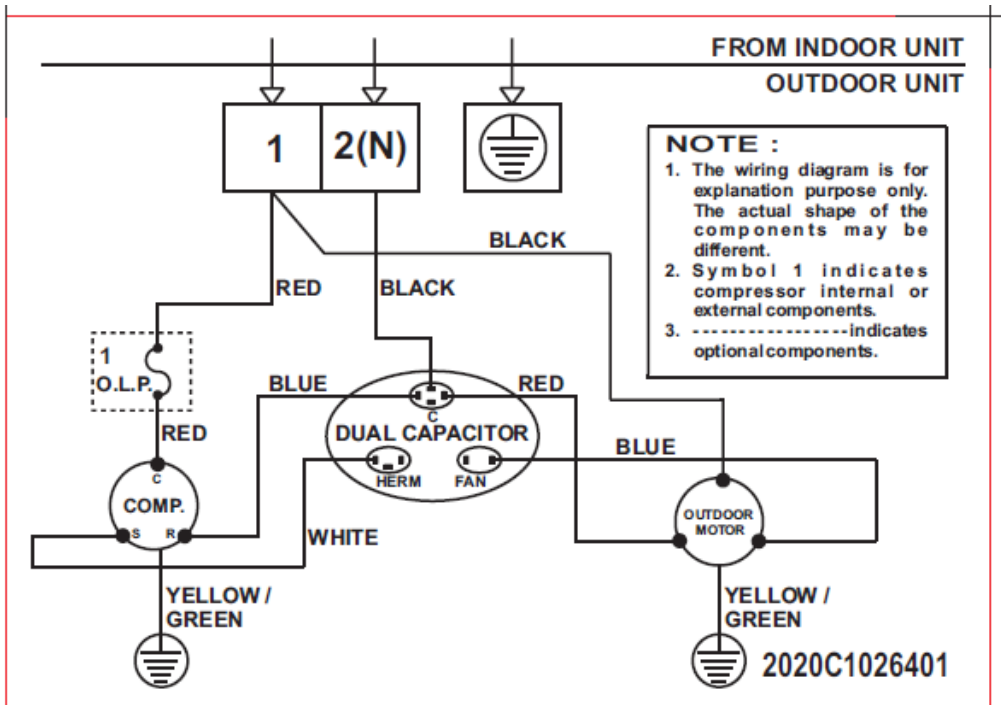
Technical Specification (18K):

Condensing and Indoor Unit Specifications				
MODEL		18K Octra (3 Star) (42KGE - 018Mm + 51MSG - 018AA)		
Function		Cooling		
Power Supply		230V-1ph-50 Hz		
		Btu/h		
		17400		
Electrical Data	Indoor Unit		Outdoor Unit	
	Running Current	A	0.3	7.0
	Power Input	W	55	1530
Compressor	Type			Rotary
	Model			HSG290V2VKU
Capacitor (MFD)		55+5 (Dual)		
		Unit		
Fan	Type		Indoor Unit	Outdoor Unit
	RPM(Hi//Med/Lo)		1180/1080/800	780
	Fan Motor (Speed)		3 Speed	1 Speed
	Motor Model No.		RPG28G	E-1152
Connection	Type			Flare
	OD(Liquid/Suction)			1/4" , 1/2"
Refrigerant (R-22)	Control			Capillary
	Charge (g)			1020
Gross Dimension(W*H*D)		mm	1015 X 368 X 295	1022 X 767 X 424
Net. Weight		kg	12	47

Electrical Wiring Diagram of 18K IDU (202032890377) :-



Electrical Wiring Diagram of 18K ODU (2020C1026401): -



3) 2.0 TR Octra (3 Star)

Purpose:-

This bulletin intends to introduce Octra (3 Star) with PH340G2C-7MUL Compressor (NXG-A Chassis) in 2.0 TR category of Carrier brand.

* Having Installation Kit inside ODU.

Appearance: -

2.0 TR Octra (3 Star) IDU



ODU-NXG-A Chassis (2.0 TR)



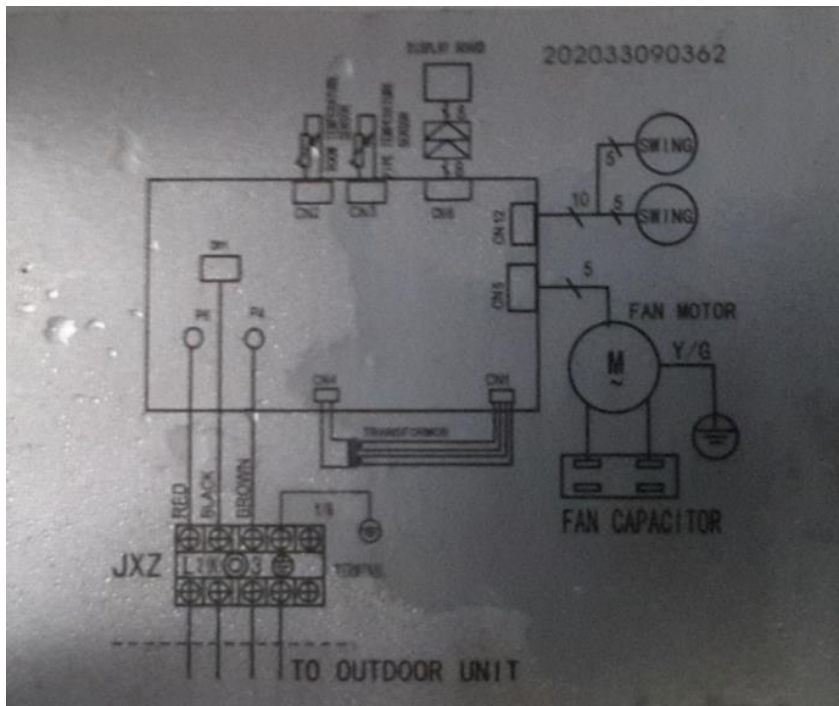
Model Details:-

24K Octra (3 Star)			
Model	IDU Code	ODU Code	Product Code
24K Octra (3 Star)	224050031380	224050032370	224050031390

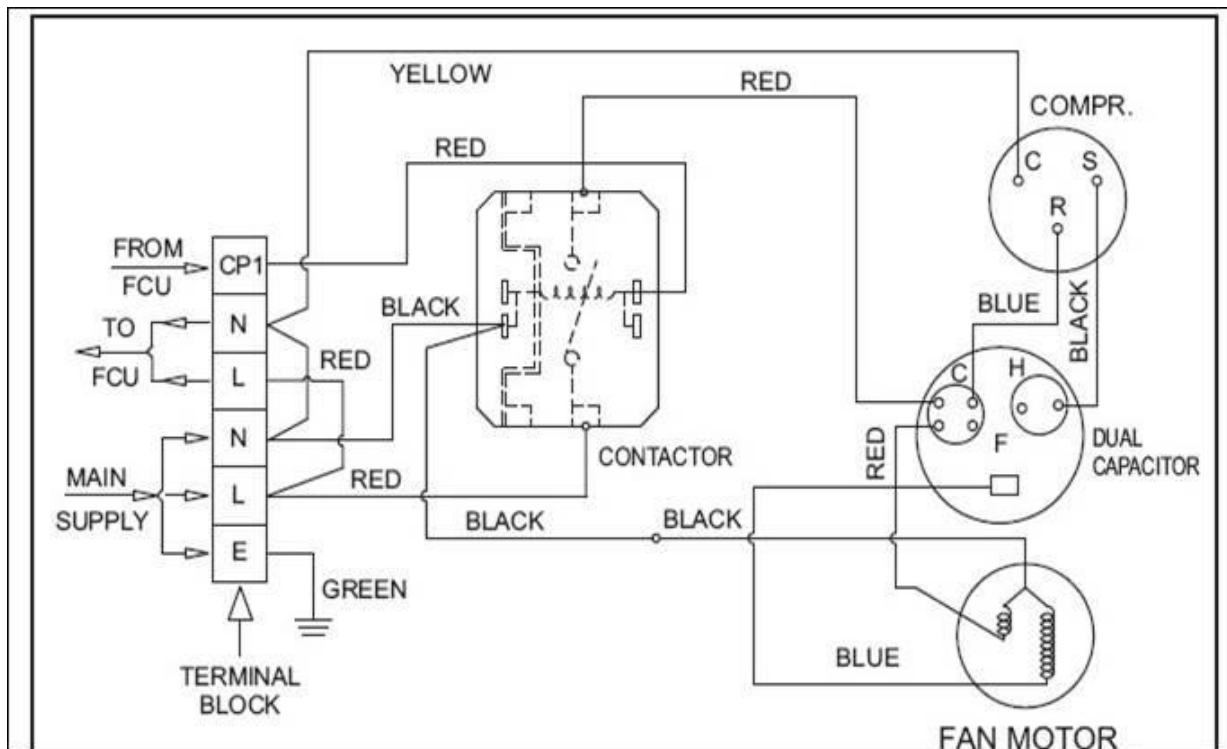
Technical Specification (24K):

Condensing and Indoor Unit Specifications				
MODEL		24K Octra (3 Star) (42KGE - 024Mm + 51MSG – 024AA)		
Function		Cooling		
Power Supply		230V-1ph-50 Hz		
		Btu/h	22000	
Electrical Data			Indoor Unit	Outdoor Unit
	Running Current	A	0.6	9.2
	Power Input	W	60	1910
Compressor	Type		Rotary	
	Model		PH340G2C-7MUL	
	Capacitor (MFD)		55+5 (Dual)	
		Unit		
Fan	Type		Indoor Unit	Outdoor Unit
	RPM(Hi/Med/Lo)		1260 / 1210 / 1120	780
	Fan Motor (Speed)		3 Speed	1 Speed
	Motor Model No.		YDK36-4C(A)	E-1152
Connection	Type		Flare	
	OD(Liquid/Suction)		1/4" , 5/8"	
Refrigerant (R-22)	Control		Capillary	
	Charge (g)		1200	
Gross Dimension(W*H*D)		mm	1165 X 445 X 320	1022 X 767 X 424
Net. Weight		kg	17	47

Electrical Wiring Diagram of 24K IDU (202033090362) :-



Electrical Wiring Diagram of 24K ODU (2052C1019361):-



Installation Kit Inside ODU(12K,18K,24K): -



Transparent Sticker mentioning
"Installation Kit Inside"

