

INVERTER DUCTED SYSTEM- *Next Gen*



USER'S MANUAL

Blue Star Inverter Ducted System

Dear Users,

We thank you very much for purchasing Blue Star Inverter Ducted Units.

Blue Star is India's leading HVAC solutions provider. Our expertise in providing airconditioning solutions to diverse customer needs comes from our experience of over 7 decades in the industry. We have various products for air conditioning requirements ranging from room ac to VRF System to Centrifugal Chillers of upto 4000TR capacity.

We are now very proud to introduce our next generation new series Inverter Ducted System. This product is very suitable for our esteemed customers who strive for Energy Efficient, Eco-friendly and Economical solutions for various air-conditioning needs.

Inverter Ducted System:

It is ducted system with an indoor unit and condensing unit(s) with one inverter compressor.

Inverter compressor always takes care of variable load



Features of Blue Star Inverter Ducted System:

1. Highly efficient and reliable with inverter compressor.
2. Precise Temperature Control with electronic expansion valve for inverter system.
3. Long Refrigerant piping is possible upto 60 rmt including 20 rmt vertical length.
4. Stepless Capacity Control
5. Higher Ambient Temperature Range upto 52 deg. C max.
6. Wide Operating Voltage Range
7. Auto Back up Function
8. Anti-corrosion condenser fin
9. PCBs with special protective coating.
10. Touch Screen Controller

Instructions to the Users

Please read this manual carefully before use and follow the mentioned instructions.

WARNING

- Installation, refrigerant piping, drain piping, power/control cabling, earthing etc. must be carried out under the guidance of Blue Star's authorised personnel.
- Contact Blue Star authorised personnel for any repair/relocation of the units.

CAUTION

- Do not install the units, control and power cables within 3m from electromagnetic waves (equipments such as medical equipments).
- Once started, the unit shall not be switched off for at least 5 minutes; otherwise the service life of the unit will be affected.
- Do not operate the unit with wet hands.
- Please disconnect the main power while carrying out service
- Please disconnect the main power when the unit is not in use for long periods.
- Please do not place any goods on any of the units.

Safety precautions while working with Inverters:

- 1) Inverter components deal with High level DC Voltage (> 500 V DC)
- 2) All Inverter circuits have capacitors which hold DC charge in them for atleast 1 min even switching off the unit.
- 3) Wait for atleast 1 minute after you switch off the power before touching inside PCBs.
- 4) Do not touch any inverter component when the power is ON
- 5) Please read all warnings and instructions carefully before opening the Control box
- 6) Please ensure that Power supply locking and tagging is done at site during maintenance activities

Inverter Ducted Models:

6.25HP	10HP	14HP	21HP	28HP
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Nomenclature: (Ex.DSAI-601R3A)

DSA	Ductable Split Air-Conditioner
I	Inverter
60	'1000' btu/hr
1	No. of circuit
R3	R410A Refrigerant
A	Series

New Generation Inverter Ducted Split Airconditioners - Technical Data								
Description	Units	DSAI-601R3A	DSAI-961R3A	DSAI-1321R3A	DSAI-1982R3A	DSAI-2642R3A		
	HP	6.25	10	14	21	28		
Nominal Cooling Capacity	TR	5	8	11	16.5	22		
	Btu/Hr.	60000	96000	132000	198000	264000		
Refrigerant		R410A						
Power Supply(AC)		415 V, 3 Phase, 50 Hz						
External Finish		Pure Polyester Power Coated GI Steel						
Indoor Unit								
Dimensions								
Width	mm	1140	1485	1840	2035	2115		
Depth	mm	630	630	630	1085	1005		
Height	mm	485	485	485	555	865		
Weight of indoor unit	Kg	55	75	90	150	210		
Power Supply (AC)		230 V, Single Phase, 50 Hz						
Type of Blower		Centrifugal Forward Curved, Double Inlet, Double Width						
Nominal Airflow	CFM	2200	3400	4400	6800	8800		
	CMH	3740	5770	7470	11545	14940		
Capacity Control		Stepless						
Air Filter		Non woven Polyester media enclosed in HDPEmesh						
Controller		Innovative Intelligent Inverter Controller						
Outdoor Unit								
Quantity	Nos.	1	1	1	2		2	
		5TR (Inverter)	8TR(Inverter)	11TR(Inverter)	11TR (Inverter)	5.5TR (Fixed)	11TR (Inverter)	11TR(Fixed)
Dimensions								
Width	mm	1020	1320	1320	1320	1020	1320	1440
Height	mm	925	925	1495	1495	925	1495	920
Depth	mm	416	416	416	416	416	416	625
Compressor/per ODU		1	1	1	1	1	1	1
Weight of outdoor unit (Net)	Kg	95	125	155	155	95	155	170
Power Supply (AC)		230V, 1 ph, 50Hz, AC Supply	415 V, 3 Phase, 50 Hz , AC	230V, 1 ph, 50Hz, AC Supply				
Condenser Fan Type		Propeller						

Refrigerant Pipe Sizes (ODU – IDU):

Model	DSAI-601R3A		DSAI-961R3A		DSAI-1321R3A		DSAI-1982R3A		DSAI-2642R3A	
	5TR		8TR		11TR		16.5TR		22TR	
Circuit(s)	5TR		8TR		11TR		11TR Inverter Circuit		11TR Inverter Circuit	
Unit	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
Suction Pipe	22.2	7/8"	28.57	1 1/8"	28.57	1 1/8"	28.57	1 1/8"	28.57	1 1/8"
Liquid Pipe	9.5	3/8"	12.7	1/2"	12.7	1/2"	12.7	1/2"	12.7	1/2"
							5.5TR Fixed Circuit		11TR Fixed Circuit	
							mm	inch	mm	inch
							Suction Pipe		1 1/8"	
							Liquid Pipe		1/2"	

Additional refrigerant charge after 7.5m

Copper tube size			Extra Ref. Charge (g/m)
OD (mm)	Thickness (mm)	ID (mm)	
9.5	0.8	7.90	65
12.7	0.8	11.10	136
15.9	1.0	13.90	186

Note:

Total Refrigerant pipe length should not exceed 60 m total. Maximum length of vertical pipe (out of 60m) should not exceed 20 m. There will be deration of capacity based on the refrigerant pipe length.

Electrical Cabling:

New Series Inverter Ducted Units - Electrical Cable Sizes

S.No.	Model No.	IDU+Inverter ODU Main incommer		MCB to IDU		MCB to Inverter ODU		MCB to Fixed ODU	
		Copper (armoured)	Aluminium (armoured)	Copper	Aluminium	Copper	Aluminium	Copper	Aluminium
1	DSAI-601R3A	4C X 2.5 sq.mm	4C X 4 sq.mm	2C X 1.5 sq.mm	2C X 1.5 sq.mm	4C X 1.5 sq.mm	4C X 2.5 sq.mm	-	-
2	DSAI-961R3A	4C X 6 sq.mm	4C X 10 sq.mm	2C X 1.5 sq.mm	2C X 1.5 sq.mm	4C X 2.5 sq.mm	4C X 4 sq.mm	-	-
3	DSAI-1321R3A	4C X 6 sq.mm	4C X 10 sq.mm	2C X 1.5 sq.mm	2C X 1.5 sq.mm	4C X 4 sq.mm	4C X 6 sq.mm	-	-
4	DSAI-1982R3A	4C X 6 sq.mm	4C X 10 sq.mm	4C X 2.5 sq.mm	4C X 4 sq.mm	4C X 4 sq.mm	4C X 6 sq.mm	4C X 2.5 sq.mm	4C X 4 sq.mm
5	DSAI-2642R3A	4C X 10 sq.mm	4C X 16 sq.mm	4C X 2.5 sq.mm	4C X 4 sq.mm	4C X 4 sq.mm	4C X 6 sq.mm	4C X 4 sq.mm	4C X 6 sq.mm

Note: If cabling for IDU is laid from ODU, main incomer cable sizes are to be used upto ODU

MCB Rating (in Amps)

S. No	Model No.	MCB for IDU+ Inverter ODU (3 Phase)	MCB for Fixed ODU/s	IDU Power Supply
1	DSAI-601R3A	25	-	1 Ph., 230V, 50 Hz
2	DSAI-961R3A	40	-	1 Ph., 230V, 50 Hz
3	DSAI-1321R3A	40	-	1 Ph., 230V, 50 Hz
4	DSAI-1982R3A	50	20	3 Ph., 415V, 50 Hz
5	DSAI-2642R3A	63	32	3 Ph., 415V, 50 Hz

IDU to ODU Communication and Control cable Sizes

S.No.	Model No.	IDU to Inverter ODU	IDU to Fixed ODU
		Shielded Communication wire	Copper
1	DSAI-601R3A	2C X 0.75 sq.mm	-
2	DSAI-961R3A	2C X 0.75 sq.mm	-
3	DSAI-1321R3A	2C X 0.75 sq.mm	-
4	DSAI-1982R3A	2C X 0.75 sq.mm	5C X 1.5 sq.mm
5	DSAI-2642R3A	2C X 0.75 sq.mm	5C X 1.5 sq.mm

Earthing wire sizes

Models	Copper Earth wire Size
IDUs	
DSAI-601R3A-I	1.5 sq.mm
DSAI-961R3A-I	1.5 sq.mm
DSAI-1321R3A-I	1.5 sq.mm
DSAI-1982R3A-I	1.5 sq.mm
DSAI-2642R3A-I	1.5 sq.mm
Inverter ODUs	
DSAI-601R3-O	1.5 sq.mm
DSAI-961R3-O	1.5 sq.mm
Fixed ODUs	
DSA-661R3-O	1.5 sq.mm
DSA-1321R3-O	2.5 sq.mm

Communication wiring has to be carried out using shielded cable only.

Testing and commissioning:

Since it is R410A refrigerant System, we need to consider the following while carrying out piping work:

1. Refrigerant piping works need to be carried out as per the standard practices for R410A which is hygroscopic in nature
2. Nitrogen bleeding is required while brazing is carried out.
3. Multi stage Pressure testing upto 550 psi needs to be done with nitrogen
4. Vacuum upto 500 microns needs to be carried out after ensuring that there is no leakage in the system.
5. Commissioning of the unit will have to be carried out by authorised persons only.

Controller

A) Salient features:

1. Digital control and setting of Temperature values in resolution of 1°C.
2. Non Volatile Memory backup for all set value parameter.
3. Built-in time delays for Compressor and Fan.
4. Automatic starting of unit in case of power failure.
5. Automatic selection of fixed compressors with run time Equalization.
6. Separate ISP port for External facility like-
 - Controller programming
 - Debugger
 - Remote Monitoring
 - PC connectivity
 - Group controller

B) Specifications:

- | | |
|-----------------------------------|---|
| 1. Powers supply to controller | Single Phase, Voltage: 210VAC to 270 VAC.
Frequency: 50 Hz \pm 3% |
| 2. Operating temperature limit | 0 - 65°C |
| 3. Display | LCD graphics display with touchscreen keys |
| 4. Temperature control accuracy | \pm 1% |
| 5. Temperature display resolution | 1°C |
| 6. Temperature display range | -15°C to 60°C |
| 7. Set temperature range | 19°C to 32°C |
| 8. Temperature sensors | NTC thermistor Bit sensor with 1.5 Meter long cable. |
| 9. LCD touchscreen HANDSET | Pendant mounting. |
| 10 Micro controller Base Unit | Base mounting. |
| 11. Inputs | 3 thermistor input for sensing of ambient, liquid and gas temperatures.
4 Digital inputs (12VDC) for-
HP2/LP2/DLT2, HP3/LP3/DLT3, SPPR2, SPPR3,
OLR, TOP2 (used based on model and Capacity) |
| 12. Outputs and their ratings | One Fan relay & two compressor relays of 16A,240V |

C) Description of LCD icons and Keys on handset



Touch screen keys

7 Touch screen keys : On timer, Off timer, Reset, Power, Mode, Down, Up

LCD Segment

Sr. No.	Segment	Description
1	Modes: Cool and Fan	Indicates the operation mode
2	Set	Indicates that displayed temperature is Set temperature
	Room	Indicates that displayed temperature is Room temperature
3	Degree C	Unit of temperature
4	Seven segment digits (temp segment)	Indicates temperature value , fault or alarm condition
5	Compressor On/Off status	Indicates ON OFF status
6	Timer ON OFF	Indicates whether TIMER is set or not
7	Hour symbol	Indicates that displayed temperature is Set temperature
8	Alarm	Blink whenever fault occurs

Key operation

Sr. No.	Touch key	Description
1	POWER	Tap to switch unit ON and OFF
2	MODE	Tap to change mode
3	DOWN	Tap to increase temperature by 1 ° C
4	UP	Tap to decrease temperature by 1 ° C
5	RESET	Tap to reset the unit
6	ON TIMER	Tap to select ON timer setting
7	OFF TIMER	Tap to select OFF timer setting

Note :On continuous press of Set Temperature, it will not change continuously.

Features

Sr. No.	Operations	Details
1	ON/ OFF	Press POWER key to switch unit ON/OFF
2	View temperature setting	Tap UP/ DOWN key to view set temperature
3	Change temperature setting	Tap UP or DOWN key until you reach desired temperature value (Temp setting range : 19° C to 32° C) The newly set temperature value will blink for 5 sec and display will return to show room temperature
4	Mode selection	Press MODE key to change mode from Cool and Fan
4a	Fan mode	Tap MODE key to select fan mode. Fan mode icon will glow and Blower fan will come on immediately. Temperature setting : Disable Timer function : Enable
4b	Cool mode	Tap MODE key to select cool mode. Cool mode icon will glow. As per IDU inputs compressor will operate. Temperature setting : Enable Timer function : Enable
5	Off timer setting	a) Press Off timer key b) Press Up, Down key to select required off timer settings c) Press Off timer key again to accept the settings. Note: Timer settings in 0 to 23hrs with resolution of 0.5hr. (30 minutes)
6	On timer setting	a) Press On timer key b) Press Up, Down key to select required On timer settings c) Press On timer key again to accept the settings. Note: Timer settings in 0 to 23hrs with resolution of 0.5hr. (30 minutes)
7	Off timer cancellation	Press Off timer key twice to cancel Off timer settings
8	On timer cancellation	Press On timer key twice to cancel On timer settings

9	Compressor On Off status	Symbol will indicate On Off status of Compressor and respective condenser fan.
10	Reset function	Whenever there is any error condition, alarm symbol will blink. Tap RESET to reset the unit.

D) Modes of operation

Press MODE key to switch between Fan and Cool mode and vice versa.

1. Cool mode

- a. In cool mode logic, IDU will control the temperature as per the set temperature. compressor ON OFF will be as per the logic for achieving desired temperature.
- b. Temperature setting range in cool mode is from 19°C to 32°C

2. Fan mode

- a. In fan mode, only IDU fan operates and all compressors are turned off.
- b. Temperature will not be settable in this mode of operation.

3. Special Cases -

Functioning of Cool mode and Fan mode during the following conditions.

- a. Unintentional Power cycle - Controller will remember previous settings and will continue in same mode of operation after power is restored.
- b. IDU Off/On by user - Mode of operation will be restored.
- c. Timer during cool/fan mode -
Timer will be functional in cool mode as well as fan mode.
- d. Error condition during cool/fan mode - Mode of operation will be restored when error occurs.

E) Fault & Alarms Displays

The following error codes will be displayed on the wired handset in fault conditions.

Note- Error code will blink continuously whenever any of fault from below table occurs.

When fault is cleared, error code will get cleared from the wire handset.

For manual reset alarms, a reset key of the wired handset is to be pressed.

For alarms that need power cycle, give a power cycle to the entire unit.

Error codes for 5 & 8TR Ducted Inverter systems-

Sr. No.	Error Codes	Error Description
1	C4	Communication Error (Between Inverter drive and IDU)
2	C6	Communication Error (Between IDU & ODU Interface PCB)
3	E1	Inv ODU HP/TOP Trip (Auto Reset) (Inverter ODU)
4	E2	Inv ODU HP/TOP Trip (Manual Reset) (Inverter ODU)
5	E3	Inv ODU LP/DLT Trip (Auto Reset) (Inverter ODU)
6	E4	Inv ODU LP/DLT Trip (Manual Reset) (Inverter ODU)
7	d1	IGBT Drive IC error (Auto reset)
8	b1	IGBT Drive IC error (Manual reset)
9	d2	DC Bus Under voltage error
10	d3	DC Bus Over voltage error
11	d4	Over load limit warning
12	d5	Compressor Current (Thermal) Overload Error (S/W) (Auto Reset)
13	b5	Compressor Current (Thermal) Overload Error (S/W) (Manual Reset)
14	d6	IGBT High Temperature error
15	d7	CT Value detect error
16	d8	Communication abnormal
17	d9	Over Current Error (Peak Current) (Auto Reset)
18	b9	Over Current Error (Peak Current) (Manual Reset)
19	dA	Instantaneous Voltage drop error
20	db	MCU reset error
21	dC	Step out (loss synchronism) error
22	dd	Phase loss/imbalance error
23	FP	Frozen Protection Error
24	A1	Fixed 1 ODU SPPR / Fan motor TOP Error Error *
25	E5	Fixed 1 ODU HP/LP/DLT Trip (Auto Reset)
26	E6	Fixed 1 ODU HP/LP/DLT Trip (Manual Reset)
27	A2	Fixed 2 ODU SPPR / Fan motor TOP Error Error *
28	E7	Fixed 2 ODU HP/LP/DLT Trip (Auto Reset)
29	E8	Fixed 2 ODU HP/LP/DLT Trip (Manual Reset)
30	U3	IDU Room Temp Sensor Failure
31	U4	IDU Coil Temp Sensor Failure
32	U5	IDU Gas Temp Sensor Failure
33	CF	Capacity Setting Error
34	C5	Communication Error (Between IDU & Wired Controller(Displayed only on

		Wired Controller)
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Note-

* - TOP protection where ever applicable

Error codes for 11, 16.5 & 22TR Units:

S. No.	Error Codes	Error Description
1	A0	Inverter ODU SPPR / Fan motor TOP Error *
2	A1	Fixed 1 ODU SPPR / Fan motor TOP Error Error *
3	A2	Fixed 2 ODU SPPR / Fan motor TOP Error Error *
4	A3	Inv Compressor U Phase Loss (Power cycle needed)
5	A4	Inv Compressor V Phase Loss (Power cycle needed)
6	A5	Inv Compressor W Phase Loss (Power cycle needed)
7	A6	Inv Compressor Short circuit error (Power cycle needed)
8	A7	Main Phase Loss / Imbalance (Drive) (Power cycle needed)
9	A8	Inv Drive Earth Fault error (Power cycle needed)
10	d0	Inverter Drive DC Over Voltage error (Auto Reset)
11	d2	Inverter Drive DC Under Voltage error (Auto Reset)
12	b0	Inv Compressor OverLoad error (Auto Reset)
13	b1	Inv Compressor Motor ETR error (Auto Reset)
14	EC	Inv Compressor OverLoad error (Manual Reset)
15	Ed	Inv Compressor Motor ETR error (Manual Reset)
16	b6	Inv Compressor Over Current error (Power cycle needed)
17	b9	Inv IPM Over-heat (Power cycle needed)
18	bA	Inverter Compressor Start error (Auto Reset)
19	dA	Inverter Compressor Start error (Manual Reset)
20	E1	Inv ODU HP Switch Trip error (Auto Reset)
21	E2	Inv ODU HP Switch Trip (Manual Reset) (Inverter ODU)
22	E3	Inv ODU LP Switch Trip error (Auto Reset)
23	E4	Inv ODU LP Switch Trip (Manual Reset) (Inverter ODU)
24	E5	Fixed 1 ODU HP/LP/DLT Trip (Auto Reset)
25	E6	Fixed 1 ODU HP/LP/DLT Trip (Manual Reset)
26	E7	Fixed 2 ODU HP/LP/DLT Trip (Auto Reset)
27	E8	Fixed 2 ODU HP/LP/DLT Trip (Manual Reset)
28	E9	Inverter ODU High DLT Error (Auto Reset)
29	EA	Inverter ODU High DLT Error (Manual Reset)
30	C4	Communication Error (Between Inverter drive and IDU)
31	C5	Communication Error (Between IDU & Wired Controller (Displayed only on Wired Controller)
32	U3	IDU Room Temp Sensor Failure
33	U4	IDU Coil Temp Sensor Failure
34	U5	IDU Gas Temp Sensor Failure

35	FP	Frozen Protection Error
36	CF	Capacity Setting Error
37	dF	Drive Internal fault (Manual Reset)
38	d3	Inv Compressor Motor thermal error (Auto Reset)
39	d4	Inv Compressor Motor thermal error (Manual Reset)
40	IP	IPM Overheat protection (Auto Reset)
41	d5	Gas Shortage Error

Note-

* - TOP protection where ever applicable

Inspection & Routine Maintenance

Regular Inspection of the IDU and ODU reduces and assures continuous operation.

A 'healthy' supply

Check if incoming power is as per the rated power supply:

Volts 380-420V

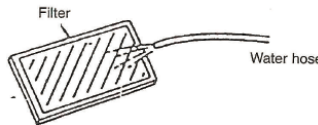
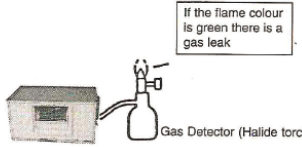
Phase Three-phase


Cycles 50 Hz

Type AC only

Regular Inspection

Regular inspection must be carried out as follows:

Item	Period	Inspection Procedure
Filter clearing	Once in a week	 <p>Slide the filter from lifting upwards and wash in the shade and reinstall it.</p>
General compressor checks	Twice in a year	<p>Oil leak Verify that there are no oil leaks. Vibration isolation rubber pads; Inspect the Vibration isolation rubber for wear. Check for bolts tight at the mounting legs.</p>
Gas Leak check	Twice in a year	<p>Indoor Unit</p>  <p>Remove the cover from the bottom and conduct test for gas leaks inside portion of the coil and remove filter for outer portion.</p>

Item	Period	Inspection Procedure
Outdoor Unit	Twice in a year	 <p>Test for leaks in condenser coil tubes and also compressor joints.</p>
Electrical circuits & terminals	Four times in a year	Check all wire/cables and connector terminals are tight with screwed ends. If not, lighten and pull the wire for proper grip/holding. Also check whether earthwire is ok.
Condenser coils	Once in a month	Clean the condenser coils with portable blower to blow out dust. This improves the performance.

Terms of Warranty

Blue Star extends a comprehensive warranty on BLUE STAR DSAI/DPAI Systems, which entitles the customer to the following:

1. Repair/reconditioning, by BSL/BSL Dealer, through whom the machine has been purchased, of any part of the equipment found defective within 12 months from the date of commissioning or 15 months from the date of despatch whichever is earlier.
2. Free after sales service during the above mentioned period, as and when necessary within the Municipal limits of the city or town where the Blue Star dealer's office is situated.

Note: For units installed beyond the Municipal Limits of the jurisdiction of the authorised Service Agent/ Dealer of Blue Star, all expenses incurred in collection of the unit or parts thereof from the company's authorised service station or the service personnel/technicians towards to and fro travel, conveyance and other incidentals, etc., will be borne by the customer.

3. The warranty is valid only if
 - 3.1 The equipment operates on AC power supply in accordance with the Company's operating instructions.
 - 3.2 Service / repair or shifting of the air conditioner is carried out only by Blue Star's authorised dealer or by the Company.
4. The above said warranty does not cover the following:
 - 4.1 Consumables such as refrigerant, oil, V belts, air filters etc.
 - 4.2 Scaling/Deterioration of condenser water pipes and connected water piping.
 - 4.3 Deterioration or failure of equipment and controls, piping due to corrosive atmosphere.
5. This warranty is null and void if repair and/or modification is/are carried out by the customer himself or his representative or if non-Blue Star products/accessories are included in the installation without written concurrence from Blue Star or its dealers.
6. This warranty is not valid in case the serial number is defaced or altered.
7. The guarantee extended herein is in lieu of all implied conditions/warranties under the law and is confined to the repairs or replacements of defective parts and does not cover any consequential or resulting liability damage or loss arising from such defect. Furthermore, the guarantee in no case, shall extend to the payment or any monetary consideration whatsoever of the replacement or return of the airconditioner as a whole.
8. Any repair/replacement shall not extend the overall warranty period as specified above.
9. During the warranty period, BSL/BSL Dealer will render free of cost service as follows:
 - 9.1 Quarterly Preventive Maintenance Checks.
 - 9.2 Attend to all breakdown calls or performance related to complaints promptly and diligently.
 - 9.3 Repair/replace components when necessary within the overall Warranty Policy explained as above.

2. We have trained your.....
on how to start/stop the AC units.
3. We have handed over one User Manual for each Package / Ducted Split Air Conditioner. The manual contains a lot of useful information. We request you to read the same.
4. Warranty dates have been established earlier in this document. Warranty conditions are explained in the User Manual.
5. You are requested to complete the following works, so that the AC plant delivers full capacity.

6. Please contact us at the following numbers, for after-sales service. And please check with us for our good value-for-money Annual Maintenance Contracts when the warranty is coming to a close.

Our 24 x 7 Call Desk
Toll Free No.: 1860 266 6666

Handed over by

.....
 (Signature of SSL representative)

Accepted:

Signature:.....

Seal of the Company:

Customer:

For internal use only

1. Instruction for distribution: PCPD Installation/PCPD Dealer to hand over to BSL Commercial after filling. Commercial to take 4 photocopies and distribute as follows: Original: Customer; cc: CBO Service; cc: CRO' cc: Dealer (if dealer sale)' cc: commercial file.
2. To be filled by BSL Commercial:
 - a) SH1 form received on.....
 distributed on.....
 - b) Entered control register.....

Signed (for BSL Commercial)

24x7 Customer Care

Phone : 1860 266 6666/1800 209 1177

SMS : "Service" to 57575

Email : customerservice@bluestarindia.com

EAST

BHUBANESHWAR

3A, Satya Nagar, 2nd Floor,
Bhubaneswar - 751 007.
Tel: (0674) 2572403/2573670

GUWAHATI

13, K C Patowari Road,
Ulubari, Guwahati - 781 007.
Tel: (0361) 2468496

KOLKATA

7, Hare Street, Kolkata - 700 001.
Tel: (033) 22134200/22106609

PATNA

Ambition Business Centre,
Laxmikant Niketan Parisar, 4th floor,
'B' Block, Room No. 405,
Jamal Road, Patna - 800 001.

NORTH

CHANDIGARH

Adarsh Mall, 4th Floor,
Plot No 50, Industrial & Business Park,
Phase - II, Chandigarh - 160 002.
Tel: (0172) 2790482/5024000

GHAZIABAD

C 53A, Third Floor, Rajnagar District Center
(RDC), Raj Nagar,
Ghaziabad - 201001. U P
Tel: (0120) 2821400

JAIPUR

A-19, Main Sahakar Path,
Near Sahakar Bhawan,
Jaipur - 302 001.
Tel: (0141) 2744033/35

LUCKNOW

177/4, Faizabad Road,
Lucknow - 226 007.
Tel: (0522) 4034000

LUDHIANA

Blue Star Limited,
SCO 16-17, Feroze Gandhi Market,
Fortune Chambers, 3rd Floor,
Ludhiana - 141001 (Punjab)
Tel: 0161 5001404

NEW DELHI

E-44/12, Okhla Ind. Area,
Phase II, Okhla,
New Delhi - 110 020.
Tel: (011) 41494200/41494000

SOUTH

BENGALURU

Anjuman KAY A R R Tower,
No. 28, Ward No. 77, Mission Road,
Bengaluru - 560 027.
Tel: (080) 41854000

CHENNAI

KRM Plaza, No 2, Harrington Road,
Chetpet, Chennai - 600 031
Tel: (91) (44) 42444000
Fax: (91) (44) 28362101

KOCHI

2nd Floor, Millennium Plaza,
MKK Nair Road,
Alinchuvadu Junction,
Kochi - 682 024.
Tel: (0484) 4499000/4499043

SECUNDERABAD

207, Sikh Road, Bantia Estate,
Secunderabad - 500 003.
Tel: (040) 44004000

TRIVANDRUM

TC IV / 962, 'Chandrika',
Sree Chitra Nagar, Pipe Line Road, Kaw-
diar, Trivandrum - 695 003.
Tel: (0471) 2720025/2720065

VIJAYAWADA

No. 40-1-62, Nagas Hafeez Plaza,
Opposite to grand modern
supermarket, Near BENZ Circle,
MG. Road, Vijayawada - 520 010.
Tel No. : 0866 2484004

VISAKHAPATNAM

D. No. 49-24-65/1,
Near Sankarmattam Road,
Madhura Nagar,
Visakhapatnam - 530 016.
Tel: (0891) 2748405/2748433

WEST

AHMEDABAD

3rd Floor, Abhishree Avenue,
Near Nehru Nagar Cross Roads,
Ambawadi Road,
Ahmedabad - 380 006
Tel: +91 (79) 40224000

INDORE

Shri Krishna Classic,
First Floor, 139, Phadnis Colony,
AB Road, Indore - 542 010.
Tel: (0731) 4001211/4001311

GOA

210, 2nd Floor,
Gera's Imperium I Patto, Panjim,
Goa - 403 001
Tele: (0832) 2438171/2437287

MUMBAI

Gr. Floor, 2nd Pokhran Road,
Majiwada, Thane (West)-400 601

NAGPUR

219, Bajaj Nagar, 1st Floor,
South Ambazari Road,
Nagpur - 440 010.
Tel: (0712) 6624000/2249000

PUNE

201/A, Nityanand Complex,
1st Floor, 247/A, Bund Garden Road,
Pune - 411 011.
Tel: (020) 41044000/26169332

RAIPUR

Alaska Corporates, 3rd Floor,
Opp. VIP Road,
Jivan Vihar Colony,
G E Road, Raipur,
Chhattisgarh - 492 006.
Tel: (0771) 6544000

VADODARA

Ramakrishna Chambers,
7th Floor, Productivity Road,
Alkapuri, Vadodara - 390 005.
Tel: (0265) 2332021/22/
2330334/6614000



E-Waste Management

Protect The Environment From E-WASTE

This product at its end of usable life should not be mixed with household domestic waste or any general waste. It must be stored separately and disposed of through an authorised recycler of electrical and electronic appliance waste, since it is categorised under Schedule I of E-Waste Management Rules promulgated by the Government of India.

As guided by these rules, this product needs to be disposed of after its useful life in a scientific and prescribed manner. As a responsible citizen of India, we request your cooperation in helping conserve the environment for future generations. You are requested to contact designated toll-free contact number 1800 209 1177 for guidance on end-of-life disposal of this product.

DOs and DON'Ts

DOs:

- ✓ Run and maintain the product as per instructions given in the User's Manual.
- ✓ Engage only an authorised person to attend to repairs of your product.
- ✓ Call on the toll-free number for assistance to dispose of your product if required.
- ✓ Engage only an authorised person for dismantling.
- ✓ Consult our local authorised dealer or contact our toll-free number to know the lifespan of your product.

DON'Ts:

- × Do not try to repair/dismantle your product by yourself.
- × Do not engage any unauthorised person to repair/dismantle your product or any of its parts.
- × Do not sell or dispose of your product or its parts to a local scrap dealer.
- × Do not dispose of E-Waste in landfills or leave it unattended outside.
- × Do not put the product to any other use post its end of life.