



DATA SHEET FOR FLP SPLIT AIR CONDITIONER

SPECIAL NOTE : WE ARE THE ONLY COMPANY IN INDIA OFFERING COMPLETE CERTIFICATION FOR THE ENTIRE FLP AIR CONDITIONER CIMFR , BIS & PESO

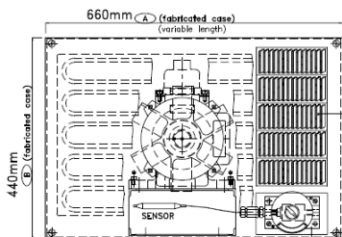
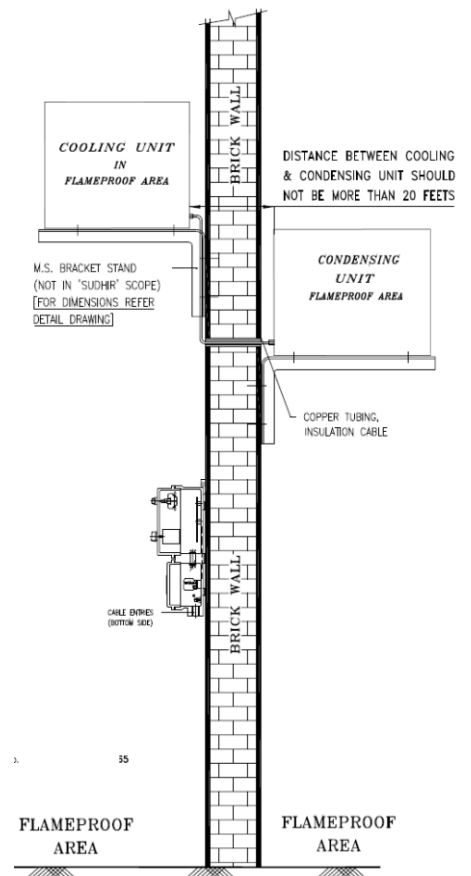
TECHNICAL DATA:

- PRODUCT : CAT NO – SAC/211
- ENCLOSURE : FLAME PROOF ZONE-1 & 2 Gas Group IIA , IIB , IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP . CLASS : Ex db IIC T5 Gb EX tb / tc IIIC T85 C Db/Dc
(ZONE 1 & 2)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMP CLASS : T5
- MATERIAL : M.S. FABRICATED CASE / STAINLESS STEEL
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL

FLP WP AIR CONDITIONER UNIT

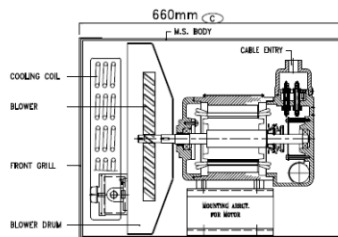
FLP WP ENCLOSURE FOR MOTOR

- PRODUCT : CAT NO.: FAN / 140
- ENCLOSURE : FLAME PROOF ZONE-1 & 2 Gas Group IIA , IIB , IIC
As per IS/IEC 60079-1 : 2014
- PROTECTION : WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001
(Reaffirmed 2014)
- AREA & TEMP . CLASS : Ex db IIC T5 Gb EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2)
- CERTIFICATION : CIMFR, BIS, PESO
- TEMP CLASS : T5
- MATERIAL : CAST IRON (C.I)
- FINISH : EPOXY POWDER COATED SHADE AS PER IS : 5
- EARTHING : 1 No INTERNAL & 2 No's EXTERNAL
- HARDWARE : STAINLESS STEEL
- GASKET : 'O' RING ENDLESS GASKET NEOPRENE / SILICON
- NAME PLATE : SS NAME PLATE CUM WARNING PLATE
- CABLE ENTRY : 1 No. M20 SIZE ENTRY
- TERMINAL : 2NO. 3/16" STUD TYPE TERMINAL OF SUDHIR MAKE
- MOTOR RATING : 920 RPM, SINGLE PHASE, 0.25HP



CIMFR TESTED FLP-WP ENCLOSURE FOR THERMOSTAT (Ex-d)
SUITABLE FOR USE IN ZONE-1, GAS GROUPS – IIA & IIB
CAT. No. : JB/2C/2017
CIMFR CERT. No. : IN/CIMFR/TR22/R/H136 Dt. 08/07/2022
PESO No. :
BIS LICENCE No. : CW/L-0003931365

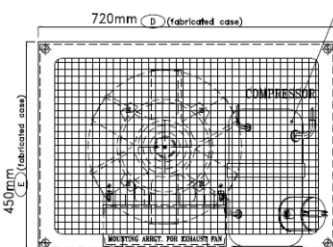
FRONT VIEW OF COOLING UNIT



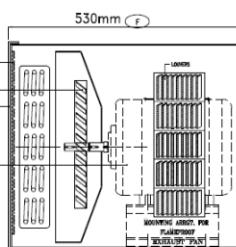
SIDE VIEW

CIMFR TESTED FLP-WP TERMINAL/COMPRESSOR UNIT ENCLOSURE
(Ex-d) SUITABLE FOR USE IN GAS GROUPS-I, IIA & IIB
CAT. No. : SAC/211
CIMFR CERT. No. : IN/CIMFR/TR22/R/H15
Dt.: 07/04/2022
PESO CERT. No. : -

BIS LICENCE No. : CM/L-0003931365



FRONT VIEW OF CONDENSING UNIT



SIDE VIEW

CIMFR TESTED FLP-WP MOTOR ENCLOSURE
(Ex-d) SUITABLE FOR USE IN GAS GROUPS-I, IIA & IIB
CAT. No. : FAN/140
CIMFR CERT. No. : IN/CIMFR/TR22/R/H561
Dt. 31/03/2022
PESO CERT. No. : PS40766/1
Dt.: 18/07/2022
BIS LICENCE No. : CW/L-0003931365

**DATA SHEET FOR FLP SPLIT AIR CONDITIONER****TECHNICAL DATA:****FLP WP ENCLOSURE FOR THERMOSTAT**

PRODUCT	: CAT NO.: JB/2C/2017
ENCLOSURE	: FLAME PROOF ZONE-1 & 2 Gas Group IIA, IIB IIC, As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 65 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2)
CERTIFICATION	: CIMFR, BIS, PESO
TEMP CLASS	: T6
MATERIAL	: CAST ALUMINIUM ALLOY LM6.
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
RANGE	: THERMOSTATE RANGE FROM 12° TO 32°
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
CABLE ENTRY	: 2 No. M20 SIZE ENTRY.

FLP WP COMPRESSOR FOR TERMINAL UNIT

PRODUCT	: CAT NO.: SAC/211
ENCLOSURE	: FLAME PROOF ZONE-1 & 2 Gas Group IIA, IIB, IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 65 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T5 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2)
CERTIFICATION	: CIMFR, BIS, PESO
TEMP CLASS	: T5
MATERIAL	: CAST IRON (C.I) / M.S.
FINISH	: OUTSIDE BLACK EPOXY SPRAY AS PER IS: 5
EARTHING	: BRASS / SS SCREW OF M4.
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
CABLE ENTRY	: 2 No. M20 SIZE ENTRY / EQUIVALENT
COMPRESSOR RATING	: 220-240V AC, 50 Hz., SINGLE PHASE SUPPLY, OR 415 V AC, 50 Hz., THREE PHASE SUPPLY
GAS USE	: GAS USE IN COMPRESSOR FOR REFRIGERANT IS 'R – 22 TYPE GAS.
REFRIGERANT	: WE CAN OFFER ECO FRIENDLY GAS TYPE R 407 / 414 ETC.

INDOOR COOLING UNIT

DIM.	1/1.5 TONNES	2 TONNES	2.5 TONNES	5 TONNES
A	660mm	660mm	660mm	660mm
B	432mm	440mm	432mm	432mm
C	635mm	660mm	635mm	635mm

OUTDOOR CONDENSING UNIT

DIM.	1/1.5 TONNES	2 TONNES	2.5 TONNES	5 TONNES
D	711mm	720mm	711mm	711mm
E	432mm	450mm	432mm	432mm
F	521mm	530mm	572mm	572mm

**DATA SHEET FOR FLP SPLIT AIR CONDITIONER****TECHNICAL DATA:****FLP WP ENCLOSURE FOR CONTROL PANEL**

PRODUCT	: CAT NO.: CGB/2C/131
ENCLOSURE	: FLAME PROOF ZONE-1 & 2 Gas Group IIA , IIB, IIC As per IS/IEC 60079-1 : 2014
PROTECTION	: WEATHER PROOF IP – 66 AS PER IS/IEC 60529:2001 (Reaffirmed 2014)
AREA & TEMP. CLASS	: Ex db IIC T6 Gb (EX tb / tc IIIC T85 C Db/Dc (ZONE 1 & 2)
CERTIFICATION	: CIMFR, BIS, PESO
TEMP CLASS	: T6
MATERIAL	: CAST ALUMINIUM ALLOY LM6.
FINISH	: EPOXY POWDER COATED SHADE AS PER IS : 5
EARTHING	: 1 No INTERNAL & 2 No's EXTERNAL
HARDWARE	: STAINLESS STEEL
GASKET	: 'O' RING ENDLESS GASKET NEOPRENE / SILICON
MCB	: 1 No. 32 AMP. DP MCB
INDICATING LAMP	: 1No. 240V AC LED TYPE LENS COLOUR 'RED'.
CAPACITOR	: RUNNING CAPACITOR 40mfd
RELAY	: PTC RELAY
NAME PLATE	: SS NAME PLATE CUM WARNING PLATE
CABLE ENTRY	: 3 No. M20 SIZE ENTRY

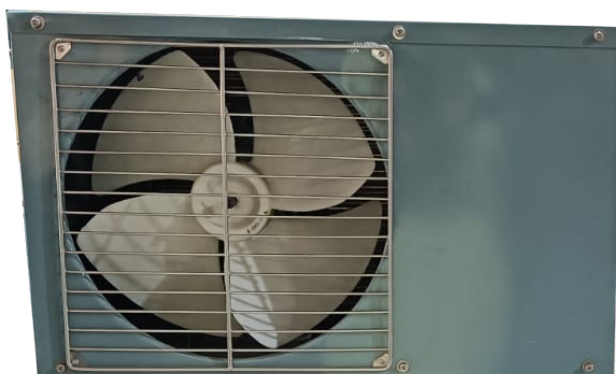
SELECTION CHART

SR.NO	TON	PHASE
1	1	SINGLE PHASE 230 V AC
2	1.5	SINGLE PHASE 230 V AC
3	2	SINGLE PHASE 230 V AC
4	2.5	THREE PHASE 415 V AC
5	3	THREE PHASE 415 V AC
6	5	THREE PHASE 415 V AC

SR.NO	INDOOR UNIT	OUT DOOR UNIT
1	FAN	COMPRESSOR
2	MOTOR	MOTOR
3	COOLING COIL	BLADE
4	BLOWER	CONDENSER
5	THERMOSTAT	VALVE - BRASS
6	VALVE - BRASS	

OPTIONS

SR.NO	PARTICULAR	OPTIONS
1	GLAND & PLUG	BRASS / SS / ALUMINIUM
2	COLOUR SHADE	631, 632, 355, 7031, 7032 etc.

**SPECIAL NOTE :- COPPER TUBE CAN BE SUPPLY AT EXTRA COST IF REQUIRED**