



TECHNICAL SUBMITTAL

Project:

Bait ul Sukoon

Client:

M/s. Pioneer Engineering Services

Consultant:

M/s. S.Mehboob & Co.

Manufacturer:

M/s. SASA Metal Industries

Prepared By:

Mr. Usman Khan

Checked By:

Engr. Habib Ullah Khaki

Date:

22 May 2021



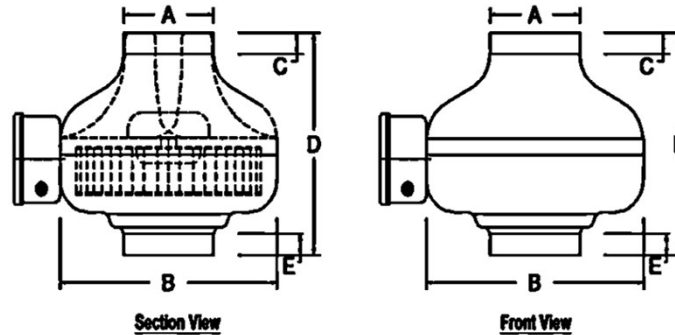
TECHNICAL SUBMITTAL

BC SWSI DD CIRCULAR DUCT FAN

Fan Tag : EF-TF-01
Fan Qty : 1 No.
Date : 22-May-21
Ref # : HOD-FAN-0641-21
Client : M/s. Pioneer Engineering
Project : Bait ul Sukoon
Consultant : M/s. S. Mehboob & Co.



DRAWING



FAN PERFORMANCE

Flow CFM / m³/h : 360 / 610
SP Inwg / Pa : 0.80 / 199
TSP Inwg / Pa : 0.84 / 210
Fan Dia Inch : 8.5
Fan RPM : 2550
Velocity FPM : 561
Sound dBA : 59
Density lb/ cu ft : 0.075
Temp F° : 104
Design Temp F° : 104
Outlet Area Sq.Ft : 0.55

DIMENSIONS IN INCHES

A	10	D	10
B	15	E	1
C	1		

FAN TECHNICAL DETAILS

Unit Name : Circular Duct Fan
Fan Type : BC DD SWSI
Model : SASA 25/DD-3166-B
Drive : Direct Drive

MOTOR DETAILS

Motor W / KW : 163 / 0.163
Speed RPM : 2625
Electrical : 220 V / 1-Ph / 50 Hz
Make : Imported, IP-55, Class-F

CONSTRUCTION

Casing : G.I
Impeller : G.I

FINISH

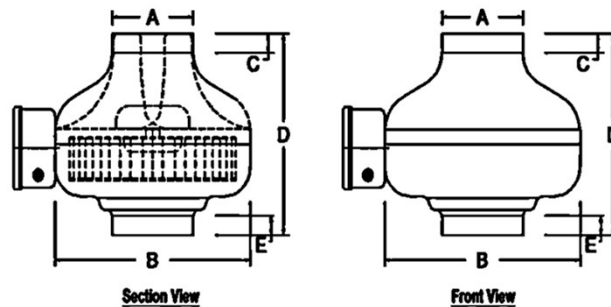
TECHNICAL SUBMITTAL

BC SWSI DD CIRCULAR DUCT FAN

Fan Tag : VF-TF-01
Fan Qty : 01 No.
Date : 22-May-21
Ref # : HOD-FAN-0641-21
Client : M/s. Pioneer Engineering
Project : Bait ul Sukoon
Consultant : M/s. S. Mehboob & Co.



DRAWING



FAN PERFORMANCE

Flow CFM / m³/h : 261 / 442
SP Inwg / Pa : 0.80 / 199
TSP Inwg / Pa : 0.95 / 206
Fan Dia Inch : 7.5
Fan RPM : 2480
Velocity FPM : 561
Sound dBA : 54
Density lb/ cu ft : 0.075
Temp F° : 104
Design Temp F° : 104
Outlet Area Sq.Ft : 0.20

DIMENSIONS IN INCHES

A	6	D	9
B	13.5	E	1.5
C	1.5		

FAN TECHNICAL DETAILS

Unit Name : Circular Duct Fan
Fan Type : BC DD SWSI
Model : SASA 25/DD-175
Drive : Direct Drive

MOTOR DETAILS

Motor W / kw : 127 / 0.127
Speed RPM : 2480
Electrical : 220 V / 1-Ph / 50 Hz
Make : Imported, IP-55, CI-F, TEFC

CONSTRUCTION

Casing : G.I
Impeller : G.I