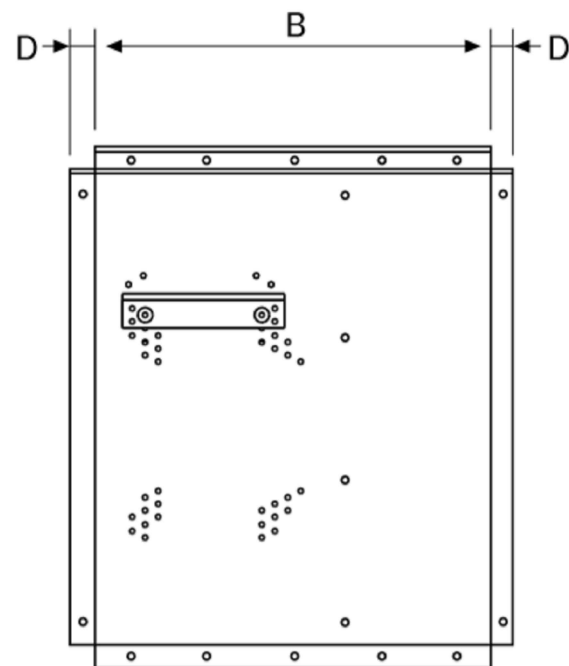


FRONT VIEW



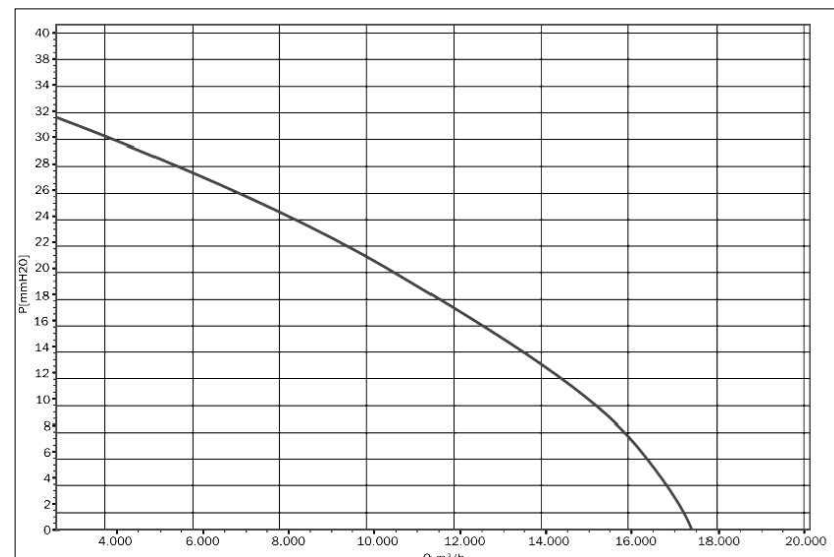
SIDE VIEW

GENERAL NOTES:

1. THE AIRFLOW VELOCITY THROUGH THE DOORWAY BETWEEN THE PRESSURIZED SPACE AND THE ACCOMMODATION SHALL NOT BE LESS THAN 0.75 M/S.
2. THE PRESSURE DIFFERENCE ACROSS THE DOOR BETWEEN THE PRESSURIZED SPACE AND THE ACCOMMODATION AREA ON THE FIRE STOREY SHALL NOT BE LESS THAN 50±10 PA.
3. ALL UNIT DIMENSIONS ARE IN MM UNLESS SPECIFIED.

STAIR CASE PRESSURIZATION FANS									
UNIT NO.	QTY.	SERVICE	LOCATION	TYPE	FAN DATA			ELECTRICAL CONNECTION	
					CAPACITY (L/S)	PRESSURE (KPa)	MOTOR POWER (kW)	ELECTRICAL CHARACTERISTIC	LOCATION
P.F-01	1	STAIR CASE PRESSURIZATION	UPPER ROOF FLOOR	CABINET CENTRIFUGAL FANS	4722.22	6	1.10	400/3/60	ROOF FLOOR

UNIT DIMENSION	
A	790
B	600
C	725
D	30
E	40



PERFORMANCE CURVE



PRESSURIZATION FAN DETAILS

SCALE

NTS



BatStateU
BATANGAS STATE UNIVERSITY
Gov. Pablo Borbon Main Campus II
Alangilan, Batangas City
MECHANICAL ENGINEERING DEPARTMENT

PROJECT LEADER		INSTRUCTOR		PROJECT / LOCATION:		OWNER		PREPARED BY:		No.	REVISIONS	DATE	SHEET CONTENT	SHEET NO.
ENGR. MARK KERVIN N. ABU MECHANICAL ENGINEER		ENGR. ALLAN B. DE VILLA PROFESSIONAL MECHANICAL ENGINEER		PROPOSED THREE STOREY HOSPITAL		TEAM ABU		ABU, MARK KERVIN N.		1	DRAWING DETAILS	12/10/2019		
SECTION: ME - 5103		PRC Reg No.		PTR No.		ENGR. RONIEL A. AZUCENA PRESIDENT		AZUCENA, RONIEL A.		2	DRAWING DETAILS	12/22/2019	PRESSURIZATION FAN DETAILS	M 29
GROUP NO: 12		TIN:		Issued on:		BATANGAS CITY		CASTILLO, JOHN ADRIAN M.		3	DRAWING DETAILS	01/10/2020		
DATE SUB: JANUARY 10, 2020		Issued at:												