

INSTALLATION :

1. Unscrew the bolt shown at B&C/D in the figure.
2. Fix the Anchor Fastner at the measurements given.
3. Put the Bolt through B & C/D and tighten.

CAUTION WHILE INSTALLATION

During installation of the unit, please pay special attention to the following points for safety reasons.

1. Install on solid place to avoid vibrations when machine is running and also for safety reasons. Moreover unnecessary noise caused due to vibration can be reduced.
2. Multiple units can be mounted next to each other when wide door opening are there. Under such conditions, slight gap of 10-20mm can be maintained.
3. The unit should be installed horizontally.

MAINTENANCE AND REPAIR

- a) Unplug the unit from any power source prior to checking or maintenance.
- b) Keep electric motor or other parts away from moisture to avoid short circuit.
- c) Regular checking and maintenance is recommended.

Orchids Commercial Air Curtain Manual

Centrifugal type Instruction Manual



*Please read instruction manual completely
before using this unit.*

Air Curtains & Usage

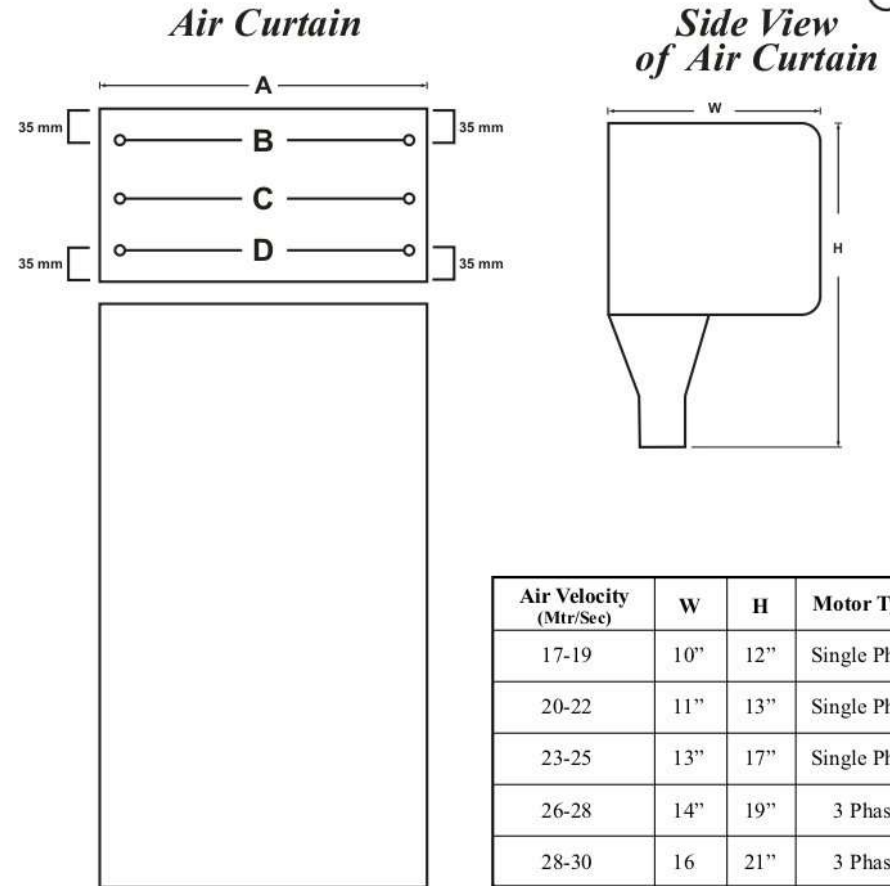
We take this opportunity to introduce ourselves as the manufacturers of high class air curtains. Air curtains have now come to be accepted as necessary peripherals to air conditioning as they act as the premier thermal barriers. In the Indian context, where dust and pollution is also the factor to be contented with, it is essential that air curtains be able to give additional service to prevent entry of dust, pollution and also flying insects to some extent. We have taken all these factors into consideration while designing our air curtains and have come up with four broad categories of air velocities to cater to the different requirements of the customers. While the Air curtains with the Velocity of 17-19 mtrs/sec, forms only a thermal barrier, (i.e. its basic function), air curtains of Velocity 20-22 mtrs/sec. and 23-25 mtrs/sec. act as Dust, Pollution and Insect control measures in varying degrees.

The Special Purpose Velocity Air Curtain (26 mtr/sec & above)are for specific requirements where high degree of pollution and insect control measures are necessary for industries such as Canning, Bakeries, Dairies, Pharmaceuticals, Distilleries and Cold Storages, etc.

Our Air curtains are tailor-made units and hence come in all sizes ranging from 24" to 96" in single unit, larger units can also be provided as multiple ones. The cabinets of air curtains are made of cold rolled mild steel sheets duly powder coated or of Stainless Steel as per the requirement.

The blowers are made of high quality Aluminium/Plastic fibre, duly balanced both statically as well as dynamically on computerized digital balancing machines. The Whole unit is designed to provide uniform air along its Chute/Nozzle with minimum noise and no vibration. All units are thoroughly tested at works and meet the highest quality standards to give a trouble free service. As the Motors used are continous rating with sealed ball bearings, the air curtains do not require any services under normal circumstances. In order to meet the low noise requirements for conference rooms, operation theatres and computer rooms, among others, our Air curtains also come in acoustically treated models to meet such requirements.

Our Air curtains are especially suited to meet the requirements of hotels, restaurants, fast food centres, distilleries, pharmaceutical industries Etc. Where entry of mosquitoes and flies needs to be curbed.



Conditions of Use

Please donot install the unit under following conditions :

1. In the ambient containing oily smoke, corrosive gases, water sprinkler.
2. In direct Sunlight.
3. Open Area without proper Covering.

BODY LENGTH	A	B
900 MM	900	875
1000 MM	1000	975
1200 MM	1200	1175
1500 MM	1500	1475
1800 MM	1800	1775
2100 MM	2100	2075
2400 MM	2400	2375