

EDI PermaCap 5™ Coarse Bubble Diffuser Unit

EDI PermaCap 5 diffusers are effective and efficient coarse bubble membrane diffuser units. PermaCap coarse bubble units offer great value as a low cost aeration/mixing solution.

PermaCap 5 units are configured with a premium quality EPDM membranes perforated to minimize bubble coalescence. The flexible membrane is specifically designed to exclude solids and provide long-term trouble free operation. Diffuser base and retaining ring are manufactured from durable ABS.

The PermaCap 5 diffuser may be operated over a wide range of airflows and requires minimum maintenance for long-term performance. The integral check valve eliminates the intrusion of water and solids into the air piping under normal on/off operations.

PermaCap 5 units are available with either 3/8-inch diameter NPT (male) or 3/4 inch diameter NPT (male) threaded inlet to allow quick and simple installation into threaded pipe applications. 3/4-inch units can be mounted using the Universal Diffuser Mount (see “Specialty Disc Diffuser Items”). Units are particularly suited for drop pipe installation in package treatment plants and channel aeration. Units are suitable for mounting on either the top or bottom of the air distribution piping.



PermaCap5™ Diffusers

PermaCap5 Flexible Membrane Coarse Diffuser Specifications



PermaCap diffusers have the following characteristics:

- Base and ring are constructed of ABS.
- Base unit connection is 3/4-inch or 3/8-inch male NPT.
- Standard diffuser membranes are EPDM.
- Larger 5-inch diameter for maximum air distribution

PermaCap5™ Performance Curves

