



Facet air/gas coalescer and separator cartridges remove solids and liquids from air or gas streams. Their most common uses are in air gas process streams, plant and instrument air streams, plant gas receiving points, gasoline processing plants, and refrigeration systems.

All cartridges are manufactured to rigid quality standards to ensure the media are held firmly against the center tube and securely adhered to the end caps in order to prevent pleat separation, bridging and/or deformation of media.

COALESCER CARTRIDGES

Coalescer cartridges perform the dual function of coalescing liquids and filtering microscopic solids. Their construction is of interpleated resin impregnated cellulose and glass fiber media which combine excellent coalescing action with structural strength. The droplet sizing outer sock on the cartridges does not support fungus growth. The media are encased in a rugged perforated outer shell to permit an inside to outside flow direction.

SEPARATOR CARTRIDGES

Separator cartridges perform the function of repelling discrete droplets of coalesced liquids which gravity does not force to settle in the sump. Their construction is of specially treated pleated resin impregnated cellulose. The treatment is applied in the cellulose manufacturing process under specifications supplied by Facet. Separator cartridges have an outside to inside flow direction.

STANDARD DESIGN FEATURES

- Recommended maximum operating temperature:
275°F short exposure
240°F continuous operation
- Maximum differential pressure: 40 psid to 75 psid
(2.8 kg/cm² to 5.25 kg/cm²)
- Flow direction (coalescer): Inside to out
- Flow direction (separator): Outside to in
- pH range from 5 to 9

MATERIALS

- All metal components are carbon steel with supplementary special treatment for positive corrosion protection
- Gaskets are Buna-N—other materials available on request

Due to our continuing program of improvement, specifications are subject to change without notice.

DATA - COALESCER CARTRIDGES

MODEL NUMBER	NOMINAL LENGTH		OUTSIDE DIAMETER		INSIDE DIAMETER	
	in.	mm.	in.	mm.	in.	mm.
CD6V	6 ⁵ / ₈	170	4 ¹ / ₈	105	1 ⁷ / ₈	48
CD13	13 ¹ / ₈	330	4 ¹ / ₈	105	1 ⁷ / ₈	48
CB28	28 ³ / ₄	730	6	152	3 ¹ / ₂	89

DATA - SEPARATOR CARTRIDGES

MODEL NUMBER	NOMINAL LENGTH		OUTSIDE DIAMETER		INSIDE DIAMETER	
	in.	mm.	in.	mm.	in.	mm.
SP408NC-1	7 ⁵ / ₈	190	4 ¹ / ₈	105	1 ⁷ / ₈	48
SP811NG-1	11 ¹ / ₄	290	8 ¹ / ₂	216	5 ¹⁵ / ₁₆	151
SP614NC-1	14 ¹ / ₂	370	6	152	3 ¹ / ₂	89

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