

Moisture Separators



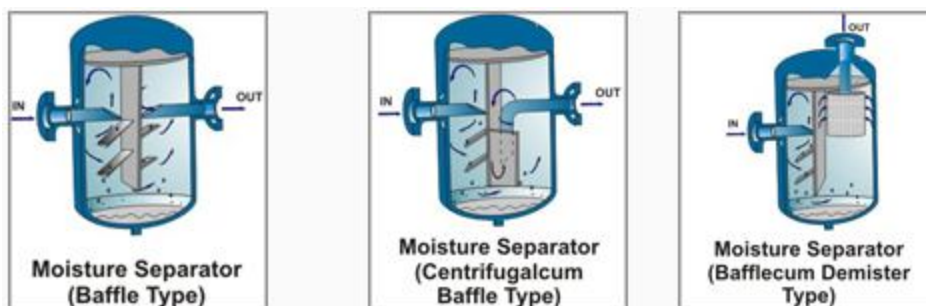
Centrifugal Type DMS-B DMS-C DMS-CD

Centrifugal Cum Demister Pad Moisture Separator

Type : Vertical MOC - mild steel / carbon steel

The Models moisture in compressed air enters into separator tangentially and further it travel to pass through baffles which will results in spinning of air around inner separator pipe. The water droplets are impinged on separator wall by this centrifugal action. Thus separates water droplets from air. Here speed of air reaches maximum at the bottom of separator. Then air enters inner pipe resulting in change of direction, further separation of droplets occurs. Then air will pass through demister pad, here moisture will be separated in wiremesh and small droplets will be separated and collected at the bottom of separator.

It is designed on impingement principle & basic function is to separate bulk quantity of bigger oil & moisture droplets from compressed air. The separated oil & moisture gets collected in sump & further drained out effectively by providing suitable drain at bottom.



Types :	Location :
<ul style="list-style-type: none"> • Baffle Type • Centrifugal Type • Centrifugal cum Demister Pad Type. 	After – After Cooler in between pipe line. Outlet of Compressor at coolest place on pipe line.
Range :	MOC :
½" to 12" line size at operating pressure of 16 Kg/cm².	Housing - As per IS 1239. Baffle / Fins - IS 2062 Demister - SS 304 / SS 316

* **Note** : Higher Pressure / Range can be offered on Request.

Model

Sr.No.	Model	Flow Rate (CFM)	End Connection
1	DMS-10	20	1/4" BSP
2	DMS-15	45	1/2" BSP
3	DMS-20	60	3/4" BSP
4	DMS-25	100(150)	1" BSP
5	DMS-40	140(200)	1½" FI
6	DMS-50	200(360)	2" FI
7	DMS-65	280(500)	2½" FI
8	DMS-80	380	3" FI
9	DMS-100	500	4" FI
10	DMS-125	720	5" FI
11	DMS-150	1100	6" FI