

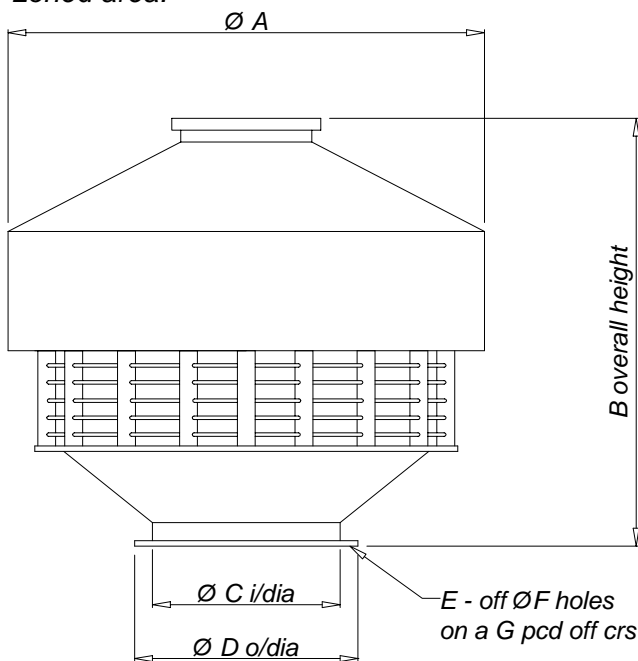
## CRV125 – CRV315 RANGE

The CRV range of Roof Ventilators are designed to be roof mounted and can be mounted at any angle even horizontal if required.

All fans are fitted with the CMV forward curved impeller directly driven by a 1400rpm TEFC IP55 motor that is mounted inside the top cover and isolated from the airstream.

This range is available in 8 sizes with casings and impellers available in UPVC or Polypropylene.

These fans are not designed to operate in a zoned area.



**Dimension Chart**

Fan Size	A	B	C	D	E	F	G
CRV125	315	500	125	185	6	9	160
CRV160	400	500	160	220	8	9	195
CRV180	450	500	180	240	8	9	215
CRV200	500	550	200	260	10	9	235
CRV225	560	550	225	285	10	9	260
CRV250	630	575	250	310	10	9	285
CRV280	710	600	280	340	12	11	315
CRV315	800	700	315	375	12	11	350

**Duty Range:**

**Volume :** 0.06m<sup>3</sup>/s – 1.80m<sup>3</sup>/s  
**Pressure :** Free-Air – 500Pa

**Performance Table**

Fan Size	Speed (rpm)	Motor (kW)	Volume (m <sup>3</sup> /s) – Pressure (Pa)										
			Free-air	50	75	100	125	200	250	300	400	500	
CRV125	900	0.37	0.06	0.06									
	1400	0.37	0.09	0.09	0.06	0.05							
CRV160	900	0.37	0.08	0.03									
	1400	0.37	0.12	0.09	0.07	0.06	0.04						
CRV180	900	0.37	0.17	0.09	0.05								
	1400	0.37	0.26	0.21	0.19	0.16	0.13	0.06					
CRV200	900	0.37	0.30	0.18	0.11								
	1400	0.37	0.49	0.41	0.37	0.32	0.28	0.14	0.03				
CRV225	900	0.37	0.44	0.29	0.22	0.14	0.06						
	1400	0.55	0.70	0.58	0.53	0.49	0.44	0.34	0.20				
CRV250	900	0.37	0.62	0.46	0.38	0.31	0.23						
	1400	0.75	0.97	0.86	0.81	0.77	0.72	0.56	0.47	0.38			
CRV280	900	0.55	0.84	0.72	0.67	0.56	0.47	0.22					
	1400	1.5	1.33	1.26	1.22	1.17	1.13	1.00	0.89	0.78	0.56		
CRV315	900	0.75	1.34	1.07	0.94	0.90	0.84	0.57	0.30				
	1400	2.2	1.80	1.75	1.72	1.66	1.61	1.48	1.38	0.96	0.85	0.75	