

CUPOLA LOWER WIND BOX PRESSURE  
BCIRA RECOMMENDATIONS

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Diameter of Melting Zone (mm)	Anticipated Lower Wind Belt Pressure(kPa)	Recommended Blower Capacity at NTP		
		Volume m <sup>3</sup> /min	Discharge Pressure, kPa (static)	Anticipated Blower KW
460	6.67	22.7	10.0	-
530	6.80	30.6	10.2	-
610	7.00	40.2	10.5	11.725
690	7.13	51.0	10.7	15.16
760	7.33	62.3	11.0	19.0
840	7.47	75.9	11.2	23.6
910	7.67	90.0	11.5	28.75
990	7.80	106.0	11.7	34.45
1070	8.00	123.0	12.0	41.0
1140	8.13	141.0	12.2	47.78
1220	8.47	160.0	12.7	56.44
1300	8.67	180.0	13.0	69.57
1370	8.80	202.0	13.2	-
1450	9.13	226.0	13.7	-
1520	9.47	251.0	14.2	-
1680	9.93	303.0	14.9	-
1830	10.47	360.0	15.7	-
1980	11.47	425.0	17.2	-
2190	12.47	493.0	18.7	-

1" H<sub>2</sub>O [1 in WG] = 0.249 089 kPa