

**TECHNICAL SPECIFICATION**  
**ARCTIC™**  
**DUCTED EVAPORATIVE COOLERS**  
**SERIES (ADC 20K - ADC-45K)**

Description	UOM	ADC-20K	ADC-25K	ADC-32K	ADC-38K	ADC-45K
Body material		Pre coated galvanised steel	Pre coated galvanised steel	Pre coated galvanised steel	Pre coated galvanised steel	Pre coated galvanised steel
Minimum Evaporation Efficiency	%	80	90	90	90	90
Pad Surface Area	m2	1.35	2.17	3.74	4.19	6.06
Pad Thickness	mm	75	100	100	100	100
Connection Load	kw	0.79	1.55	2.39	3.89	5.87
Overall Dimensions (L x W x H)	mm	950x950x800	1100x1100x1100	1250x1500x1400	1300x1600x1500	1750x2150x1650
Connection Size	mm	400x400	500x500	650x650	750x750	900x900
Fan Type		Centrifugal	Centrifugal	Centrifugal	Centrifugal	Centrifugal
Tank Capacity	Liter	60	110	175	200	475
Dry Weight	Kgs	125	200	280	350	465

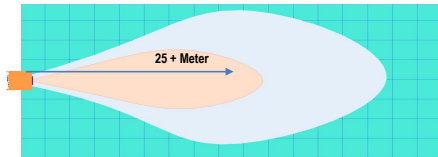
**Design Guide- SI Units**

Air Flow at given ESP	m3/h	8000	11000	22000	30000	45000
Static Pressure	mmWC	19	24	24	22	22
External Static Pressure	mmWC	5	10	10	10	10
Air Flow at below ESP	m3/h	5100	6800	12750	17000	25500
Static Pressure	mmWC	22.5	32	32	40	40
External Static Pressure	mmWC	10	20	20	30	30

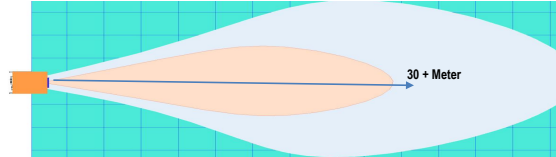
**Disclaimer :**

- Dimensions and weight may vary in few models.
- Because of our policy of continuous product improvements, specifications are subject to change without notice

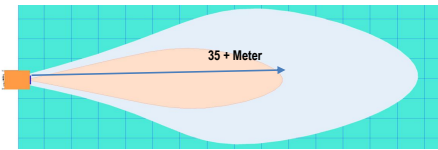
**Free Flow Units**



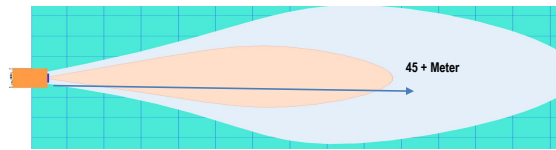
ADC-20K



ADC-25K



ADC-32K



ADC-38K