

# Technical Specifications EnviroMagic

## Technical Specifications

### ENVIROMAGIC

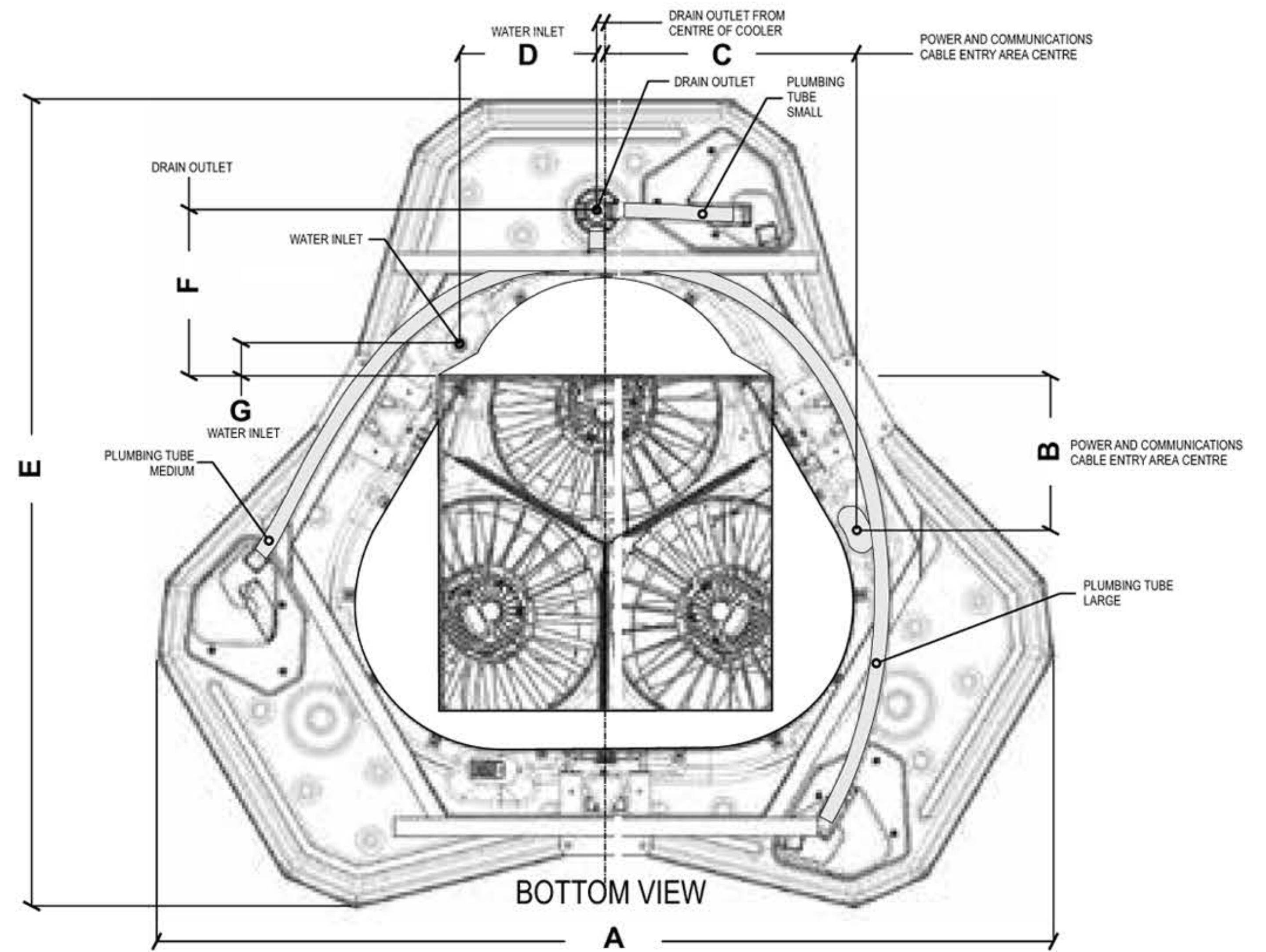
Airflow	m <sup>3</sup> /hr @ 80Pa	(COOL MODE) 28,650
	m <sup>3</sup> /hr @ 80Pa	(VENT MODE) 31,900
Power supply	Voltage / Phase / Hz	380-480 / 3 / 50-60
	Current (amp)	10A per Phase
Controller	Type	Variable speed
Fan x 3	Type	Axial
Motor x 3	Type	Inverter – variable speed
	Speed max (rpm)	1550
	Rating (Watts)	1500 each
	Current (amp)	8A per Phase
	Voltage / Phases / Hz	380V-480V / 3 / 50-60
	Overload	Auto reset
Pump x 3	Type	Uni directional
	Motor	2 Pole
	Rating Watts (input)	128 each
	Flow rate (L/min)	40
	Voltage / Phases / Hz	220V-240V / 1 / 50-60Hz
Cooling pad Chillcel	Size (mm)	593 x 570 x 112 x 9 pads
	Pad area (m <sup>2</sup> )	3.04
Water	Tank capacity (Litres)	48
	Inlet (inches)	1/2" male BSP
Shipping	Dimensions (max outer dims in mm)	1935 x 2150 x 890 (H)
	Mass (kg)	210
	Operating (kg)	258
Connecting duct (raw edged)	Length x width (mm)	800 x 800

## Cooler Discharge Air Temperature Chart

		Ambient Relative Humidity %								
		10	20	30	40	50	60	70	80	90
Ambient Dry Bulb Temperature °C	10	2.6	3.5	4.4	5.3	6.1	6.9	7.7	8.5	9.3
	15	5.9	7.1	8.2	9.3	10.4	11.4	12.3	13.2	14.1
	20	9.2	10.6	12.0	13.3	14.6	15.8	16.9	18.0	19.0
	25	12.3	14.1	15.8	17.3	18.8	20.2	21.5	22.7	23.9
	30	15.4	17.5	19.5	21.3	23.0	24.6	26.1	27.5	28.8
	35	18.4	20.9	23.3	25.4	27.3	29.1	30.7	32.2	33.7
	40	21.3	24.3	27.0	29.4	31.6	33.5	35.3	N/A	N/A
	45	24.3	27.8	30.8	33.5	35.9	38.0	N/A	N/A	N/A
	50	27.2	31.2	34.6	37.6	N/A	N/A	N/A	N/A	N/A
	55	30.1	34.7	38.5	N/A	N/A	N/A	N/A	N/A	N/A

This chart represents approximate air temperatures based on 87% saturation efficiency at sea level. From tests carried out to Australian Standard 2913.

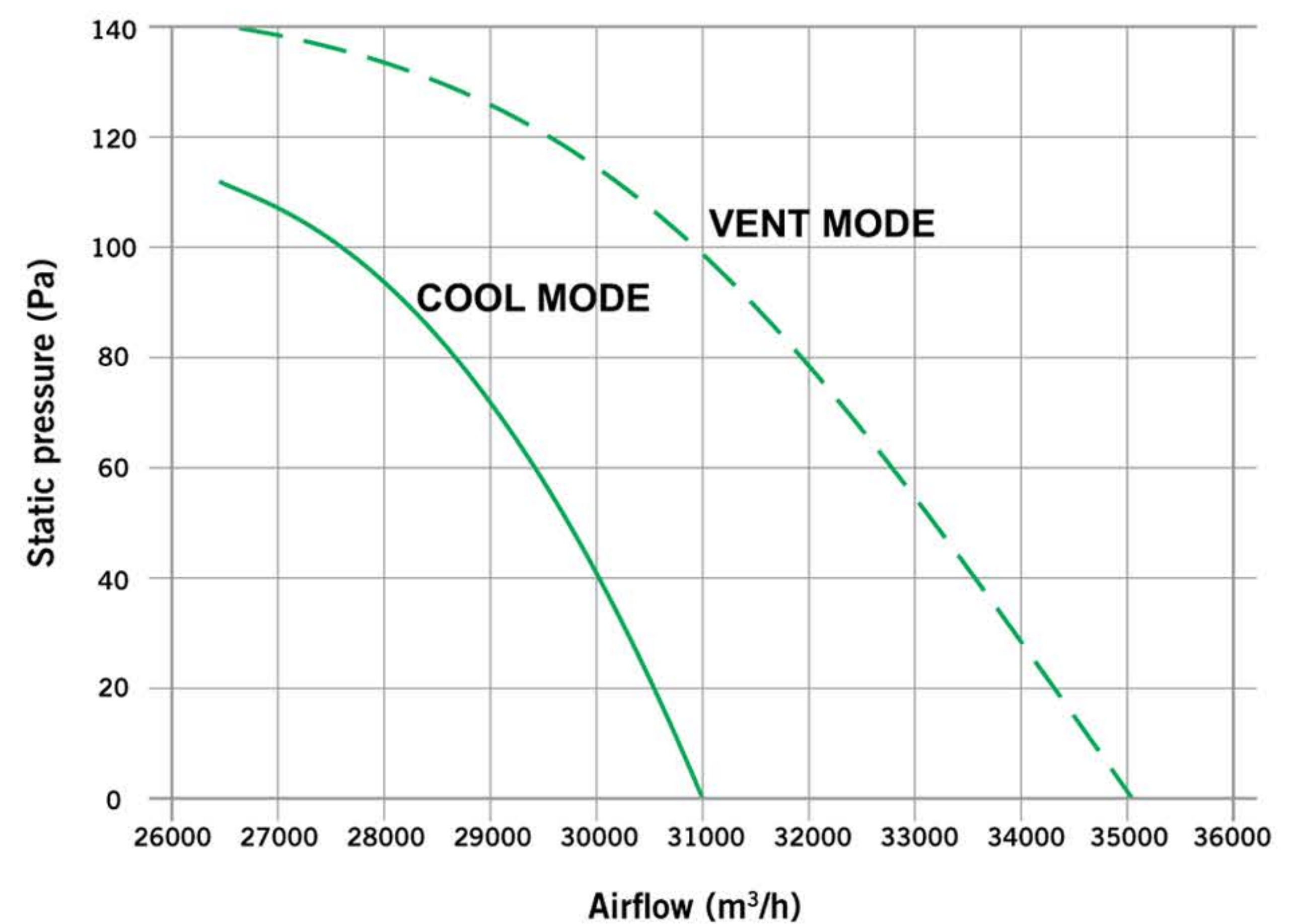
## CABINET DETAILS



Model#	A	B	C	D	E	F	G
ENVIROMAGIC	2150	363	599	328	1935	400	80

Note: All dimensions are in mm

## FAN CURVES



Mode	Industry STD Rating m <sup>3</sup> /h @ 80Pa	Certified Air Delivery (m <sup>3</sup> /h) (static pressure Pa)			
		0	40	80	100
COOL MODE	28650	31000	30000	28650	27550
VENT MODE	31900	35000	33550	31900	31000