

VITALITY VECTOR DEW-POINT COOLING TECHNOLOGY

PERFORMANCE DATA

		Outside Air Moisture Content											
		5 g/kg				10 g/kg				15 g/kg			
		1st Stage *		2nd Stage **		1st Stage *		2nd Stage **		1st Stage *		2nd Stage **	
		Tdb	Twb	Tdb	Twb	Tdb	Twb	Tdb	Twb	Tdb	Twb	Tdb	Twb
Outside Air Temperature °C	30°C	15	9.5	11.5	9.5	19.1	16.1	17	16.1	22.5	21.2	21.7	21.2
	35°C	15.5	9.7	12	9.7	19.8	16.3	17.5	16.3	23.2	21.4	22.1	21.4
	40°C	16.2	10	12.6	10	20.5	16.6	18.2	16.6	24.8	21.9	22.8	21.9
	60°C	18.5	11.1	14.5	11.1	24.1	17.9	20.6	17.9	28.2	22.9	25	22.9

* Indirect Evaporative Cooling Stage

** Direct Evaporative Cooling Stage