

# Evaporative Cooling Modules *for* AHUs



FIRE RETARDANT

CNC  
Manufactured  
Compact module

**DRI™ EcoCool™**  
Evaporative Cooling Modules



Incorporating *EcoCool* Fire Retardant  
Evaporating Cooling Pads

# Evaporative Cooling Modules for AHUs



FIRE RETARDANT

**Incorporating the new Fire Retardant EcoCool Evaporative Cooling Pads:**  
Special flame retardant material ensures total safety in a hazardous environment.



### High Water Retention:

Engineered from cross-sectional, specially treated fluted media capable of absorbing and retaining more water to provide maximum cooling efficiency. EcoCool Evaporative Cooling Pads take on more water almost 20 to 40% higher amount of water than many other international pads.



### Long and extended life:

Special protective edge coating lessens build-up of dust particles, thus, enhancing the life of pads.



### High Structural Strength:

Stiffening and rot resisting agents provide exceptional structural strength.



### High Cooling Efficiency:

Pads are designed, engineered and manufactured from a specially treated inorganic material which ensures exceptionally high evaporative efficiency.



### Easy Maintenance:

Low and very easy maintenance.



### Low Operating Cost



**DRI EcoCool™**  
Evaporative Cooling Pads (ECPs)

## Evaporative Cooling Modules for AHUs

**Series**  
(ECM 600-600 to 2400-2400)

CNC  
Manufactured  
Compact module



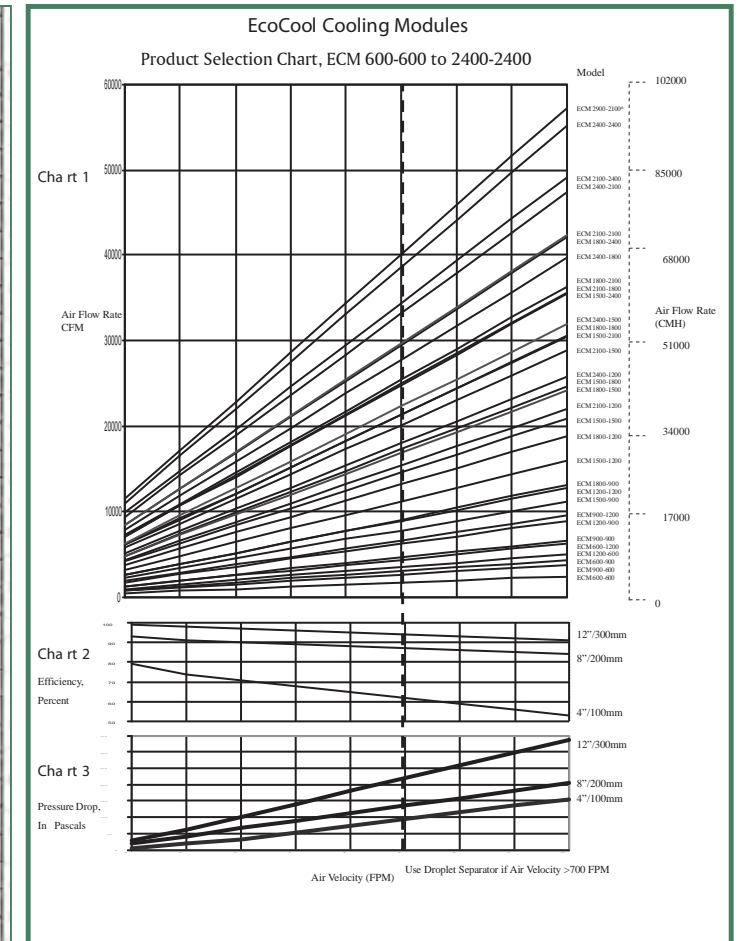
## Engineering Data Sheet

### for Standard Cooling Modules

S No.	Model Number	A	B	C	D	ECM - 85% D = 180		ECM - 85% D = 250		ECM - 95% D = 300					
						Weight (kg)		Weight (kg)		C		D		Weight (kg)	
						Wet	dry	Wet	dry	Wet	dry	Wet	dry		
1	ECM 600-600	600	600	775	875	48	25	55	29	875	875	94	31		
	ECM 600-900	600	900	775	875	54	29	63	33	875	875	77	36		
	ECM 600-1200	600	1200	775	875	67	31	70	36	875	875	86	42		
2	ECM 900-900	900	900	775	875	66	32	76	36	875	875	92	43		
	ECM 900-600	900	600	775	875	73	35	86	42	875	875	110	51		
	ECM 900-1200	900	1200	775	875	80	39	100	47	875	875	128	58		
3	ECM 1200-600	1200	600	775	875	84	39	97	45	875	875	117	53		
	ECM 1200-900	1200	900	775	875	92	43	110	51	875	875	142	62		
	ECM 1200-1200	1200	1200	775	875	101	46	127	57	875	875	163	70		
4	ECM 1500-900	1500	900	775	875	113	53	136	62	875	875	175	74		
	ECM 1500-1200	1500	1200	775	875	124	56	156	68	875	875	202	87		
	ECM 1500-1500	1500	1500	775	875	135	61	175	78	875	875	229	99		
	ECM 1500-1800	1500	1800	775	875	147	66	196	87	875	875	261	112		
	ECM 1500-2100	1500	2100	775	875	155	70	217	97	875	875	315	135		
5	ECM 1800-900	1800	900	775	875	130	55	156	67	875	875	204	84		
	ECM 1800-1200	1800	1200	775	875	147	65	186	81	875	875	240	100		
	ECM 1800-1500	1800	1500	775	875	161	70	206	90	875	875	272	114		
	ECM 1800-1800	1800	1800	775	875	174	77	231	101	875	875	309	130		
	ECM 1800-2100	1800	2100	775	875	182	81	256	112	875	875	330	145		
6	ECM 2100-1200	2100	1200	775	875	166	67	275	120	875	875	372	150		
	ECM 2100-1500	2100	1500	775	875	172	75	297	130	875	875	397	163		
	ECM 2100-1800	2100	1800	775	875	186	81	321	140	875	875	427	176		
	ECM 2100-2100	2100	2100	775	875	202	88	346	150	875	875	461	190		
7	ECM 2400-1200	2400	1200	775	875	212	94	298	130	875	875	380	168		
	ECM 2400-1500	2400	1500	775	875	227	100	321	141	875	875	435	184		
	ECM 2400-1800	2400	1800	775	875	236	107	344	151	875	875	467	198		
	ECM 2400-2100	2400	2100	775	875	255	111	372	165	875	875	491	204		
8	ECM 2900-2100	2900	2100	775	875	270	122	384	170	875	875	525	234		

ALL DATA SUBJECT TO CHANGE WITHOUT NOTICE

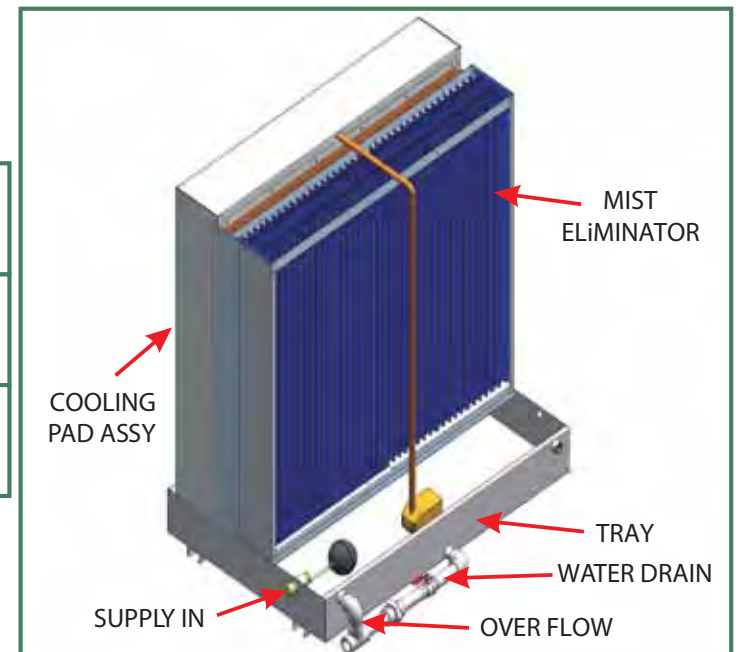
## Product Selection Chart, ECM 600-600 to 2400-2400



## EcoCool Cooling Modules for AHU's

### Power Requirement

ECM 600-600 TO ECM 1200-1200	90 Wt, 230v / 1 PH / 50 HZ
ECM 1500-1500 TO ECM 1800-1800	180 Wt, 230v / 1PH / 50 HZ
ECM 2100-2100 TO ECM 2400-2400	370 Wt, 230v / 1PH / 50 HZ



# Make US your HVAC Partner



⊙ Indoor Air Quality ⊙ Humidity Control ⊙ Energy Recovery

## Our **Green Building** Products

- ⊙ Heat Recovery Wheels (HRWs)
- ⊙ Energy Recovery Ventilators (ERVs)
- ⊙ Treated Fresh Air Units (TFAs)
- ⊙ Dedicated Outdoor Air Systems (DOAS)
- ⊙ CO<sub>2</sub> Sensors
- ⊙ Evaporative Cooling Pads
- ⊙ Arctic Evaporative Cooler
- ⊙ Evaporative Cooling Modules for AHUs and Chillers



**DESICCANT ROTORS INTERNATIONAL (DRI)** is the fastest growing Indian HVAC&R company with global footprints providing end to end solution for fresh air treatment. DRI products and systems are maintaining IAQ in prestigious buildings all over the world : Beijing Airport, China; Olympia Technology Park, India; Thai Parliament, Thailand; National Theater, Malaysia; Pacific Controls, Dubai; K.E.M. Hospital, Australia; The City, Brazil; University of North Carolina Science & Media Building, USA . . . and many more.

**DRI products help to achieve LEED and other energy certifications** DRI's "Green" products help to optimize energy performance of air conditioning systems resulting in :

- ⊙ Considerable reduction in installed tonnage.
- ⊙ Reduction in utility bills for entire life cycle.
- ⊙ Enhanced IAQ and productivity.
- ⊙ Reduced health risks.



**DESICCANT ROTORS INTERNATIONAL Pvt. Ltd.**



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