

# EW1800SQ

	PERFORMAMCE DATA	COOLING		HEATING	
NUMBER OF ROWS	4 ROWS	6 ROWS	2 ROWS		
			HEATING BY CHILLER	HEATING SYSTEM	
CAPACITY IN Kbtu/h / kW	49.1 / 14.4	60.2 / 17.7	42	90.2	
SESIBLE CAPACITY IN Kbtu/h / kW	40.7	46.5			
WATER FLOW IN GPM	9.8	12	8.9	9.3	
WATER PRESSURE DROP IN FT H <sub>2</sub> O	6.7	6	9.7	9.9	
NOISE LEVEL (dBA)	39				
WEIGHT (kg)	0	87			
CONDITIONS	DRY / WET BULB TEMP.	80°F/67°F - 26.6°C/19.4°C		70°F - 21.1°C	
	WATER TEMP. INLET (°F / °C)	45 / 7		113 / 45	160 / 71
	WATER TEMP. OUTLET (°F / °C)	55 / 12.8		103 / 40	140 / 60
COIL	FACE AREA (ft <sup>2</sup> / m <sup>2</sup> )	4.51 / 0.42			
	LENGTH (MM)	1180			
	AIR FLOW VELOCITY (fpm / m/sec)	443 / 2.3			
	HEADER DIAMETER (in)	1 3/8"			
BLOWER	AIR FLOW (CFM / m <sup>3</sup> / h)	1800 / 3060			
	TYPE	2X DD 9X9			
	MOTOR POWER (HP / kW)	2X 1/3		2X 0.25	
	NO. OF SPEEDS	5			
	HIGH SPEED (RPM)	920			
	POWER SUPPLY	230v/50Hz/1PH			
OPTIONAL	VALVE	ON/OFF / PROP			
	ELECTRIC HEATING (kW)	kW			
	OUTDOOR CONDITIONS	YES / NO			

Noise level at 1.5m distance from ducted (supply and return) unit

D	H	L	A	C	E	B	J	K	M	N
70	40	139	26.4	30.2	26.5	30	55	7/8"	35.1	135.5

