

**Matching Coils**

**Refrigerant Coils**

RCM-50, 70, 100  
RPM-E-50, 70, 100

**Chilled Water Coils**

WCM-50, 70  
WM-100

**Hot Water Coils**

4 Row - 50, 70, 100  
6 Row - 50, 70, 100

**Electrical Coils**

ESH - 650 (5-15 Kw)  
ESH - 750 (5-18 Kw)  
ESH - 1100 (5-23 Kw)

# HE Series

## Electronic Performance Controlled (EPC) Motors (Builders Series Fan Coils)

Model	HE-51	HE-52	HE - 71	HE - 101			
	Part Number	Part Number	Part Number	Part Number			
<b>Builders Heating Unit (H Model)</b>	20020100051	20020100052	20020100071	20020100101			
<b>Builders Blower Unit (BU Model)</b>	20020200051	20020200052	20020200071	20020100101			
<b>Hot Water Heating</b>							
Coil Type	4 Row/10 FPI	6 Row/10 FPI	4 Row/12 FPI	4 Row/10 FPI	6 Row/10 FPI	4 Row/10 FPI	6 Row/10 FPI
BTUH @ 190° E.W.T	50,900	59,400	50,900	74,300	89,200	112,300	134,000
BTUH @ 180° E.W.T	46,700	54,500	46,700	68,100	81,800	103,000	122,900
BTUH @ 170° E.W.T	42,500	49,600	42,500	61,900	74,400	93,700	111,800
BTUH @ 160° E.W.T	38,300	44,600	38,300	55,700	67,100	84,300	100,700
BTUH @ 150° E.W.T	34,100	39,700	34,100	49,500	59,700	75,000	89,700
BTUH @ 140° E.W.T	29,800	34,700	29,800	43,200	51,800	65,500	78,400
BTUH @ 130° E.W.T	25,500	29,700	25,500	36,800	44,700	56,000	67,100
BTUH @ 120° E.W.T	21,300	24,800	21,300	30,800	37,400	46,800	56,200
BTUH @ 110° E.W.T	17,200	20,100	17,200	24,900	30,300	37,900	45,500
GPM Flow ratings	5	5	5	7	7	10	10
Pressure Drop FT. H <sub>2</sub> O	5	3	5	3	6.5	6.5	6.8
CFM @ 68° E.A.T	470	470	470	700	700	1120	1120
<b>Chilled Water Cooling</b>							
Coil Type	6 Row/10 FPI		6 Row/10 FPI		6 Row/10 FPI		
(WCM Modules in cooling Mode)							
BTUH @ 48°F E.W.T.	19,300		27,000		42,100		
BTUH @ 46°F E.W.T.	20,900		29,400		45,800		
BTUH @ 44°F E.W.T.	22,600		31,800		49,500		
BTUH @ 42°F E.W.T.	24,200		34,000		53,200		
BTUH @ 40°F E.W.T.	25,800		36,400		56,800		
(WCM Modules in Heating Mode)							
BTUH @ 150° E.W.T	39,700		59,700		89,700		
BTUH @ 140° E.W.T	34,700		51,800		78,400		
BTUH @ 130° E.W.T	29,700		44,700		67,100		
BTUH @ 120° E.W.T	24,800		37,400		56,200		
BTUH @ 110° E.W.T	20,100		30,300		45,500		
GPM Flow ratings	5		7		10		
Pressure Drop FT. H <sub>2</sub> O	3		6.5		6.8		
<b>Refrigerant Cooling</b>							
(RPM Modules) BTUH Refrigerant TX Cooling (tons)	1.5 - 2.0	1.5 - 2.0	2.5 - 3.0	3.5 - 5.0			
<b>Electrical Heating</b>							
Kilowatt Range	5 - 15 Kw	N/A	5 - 18 Kw	5 - 23 Kw			
Voltage	115/230/1/50/60		F.L.A. 8 amp				
Max Rated C.F.M.	520	520	770	1260			
Horse Power	3/4	3/4	3/4	3/4			
R.P.M.	Variable	Variable	Variable	Variable			
Integral Surge and Fuse System	Yes	Yes	Yes	Yes			
Supply Air Size	8" round	2 x 6" or 1 x 8"	8" round	10" round			
Supply Maximum Length	70'	50'	80'	100'			
Return Size Needed	12" (113 in <sup>2</sup> )	12" (113 in <sup>2</sup> )	12" (113 in <sup>2</sup> )	14" (154 in <sup>2</sup> )			
Minimum Outlets	12	12	20	28			
Maximum Outlets	24	24	32	52			
Shipping Weight	80 lbs		95 lbs		115 lbs		
Fan Coil Size	Length	32"	30"	32"	32"		
	Width	14"	18"	19"	25"		
	Height	18"	14"	18"	18"		