

HV Series

Permanent Split Capacitor (PSC) Motors

(Builders Series Fan Coils)

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)

Model	HV-51		HV-52		HV - 71		HV - 101	
	Part Number		Part Number		Part Number		Part Number	
Standard Heating Unit (H Model)	10010100051		10010100052		10010100071		10010100101	
Standard Blower Unit (BU Model)	10013100051		10013100052		10013100071		10013100101	
Hot Water Heating								
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	56,200	59,610	58,636	79,700	81,935	113,400	123,685	
BTUH @ 180° E.W.T	52,300	54,646	54,042	73,800	75,144	105,000	113,444	
BTUH @ 170° E.W.T	48,500	49,716	49,455	67,500	68,387	95,500	103,238	
BTUH @ 160° E.W.T	44,400	44,786	44,877	62,900	61,596	86,300	92,998	
BTUH @ 150° E.W.T	41,500	39,856	40,309	55,000	54,839	77,000	82,792	
BTUH @ 140° E.W.T	37,500	34,789	35,753	49,500	47,980	68,700	72,382	
BTUH @ 130° E.W.T	32,700	29,757	31,210	44,500	41,086	59,300	61,971	
BTUH @ 120° E.W.T	29,500	24,895	26,682	38,000	34,398	49,600	51,902	
BTUH @ 110° E.W.T	23,200	20,136	22,171	30,000	27,811	37,200	42,003	
GPM Flow ratings	5	5	5	7	7	10	10	
Pressure Drop FT. H ₂ O	5	3	5	3	6.5	6.5	6.8	
CFM @ 68° E.A.T	500	500	500	750	750	1100	1100	
Chilled Water Cooling								
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 ₂ O	3			6.5		6.8		
Refrigerant Cooling								
(RPM Modules)	1.5 - 2.0			2.5 - 3.0		3.5 - 5.0		
BTUH Refrigerant TX Cooling (tons)								
Electrical Heating								
Kilowatt Range	5 - 15 Kw		N/A		5 - 18 Kw		5 - 23 Kw	
C.F.M. @ 1.2" E.S.P.	550		550		750		1100	
Horse Power	1/4		1/4		1/3		1/2	
R.P.M.	1625		1625		1625		1625	
AMPS @ 115/1/60	4.5		4.5		5.0		7.5	
Slo-Blo Fuse (AMPS)	2		2		2		2	
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 ²)		12" (113 in ²)		12" (113 in ²)		14" (154 in ²)	
Minimum Outlets	12		8		20		28	
Maximum Outlets	24		19		32		52	
Shipping Weight	80 lbs		80 lbs		95 lbs		115 lbs	
Fan Coil Size	Length	32"	Width	30"	32"	32"	28"	
	Width	14"	Heigh	18"	19"	19"	25"	
	Heigh	18"		14"	18"	18"	18"	