

## BCU BLOWER COIL UNITS

- Indoor Blower Coil units for cooling (DX or chilled water), heating (hot water), or heat recovery (heat reclaim)
- For use in commercial and residential applications (office buildings, manufacturing plants, schools, hotels, multi-residential complexes)
- Removable throwaway filters
- Voltages available:  
208-230/1/60 (models 012 to 060)  
208-230, 460, 575/3/60 (models 085 to 120)

Model	Dimensions (in.)			Net Weight lb
	W	H	D	
BCU				
012	26	12	22	80
016	26	12	22	85
020	31.5	14.5	29	115
024	31.5	18	29	115
030	31.5	18	29	130
036	32.5	22	29	150
042	34.5	22	31.5	170
048	34.5	22	31.5	235
060	43.5	22	31.5	375
085	57.5	22	36	390
100	57.5	26	40	400
120	57.5	32	40	450

### QUALITY FEATURES

- Supplied with control transformer 24 volts, blower motor contactor (and overload relay on belt-driven units)
- Controls located in control box inside the unit
- Sweat-type coil connections
- Satin-coated steel casing with powder paint finish
- Cabinets are thermally and acoustically insulated
- Three-speed (tap) direct drive blower motor: (models 012 to 060)
- Adjustable motor pulley (models 085 to 120)

### OPERATING RANGE

- Entering Air  
80°F DB, 67°F WB
- Entering Chilled Water  
45°F Hot Water  
140°F thru 180°F
- External Static Pressure  
0" thru 0.5" (models 012 to 060)  
0" thru 1.2" (models 085 to 120)

### OPTIONS AVAILABLE

- Top or bottom air discharge arrangement
- Dual coil arrangement
- Heat reclaim coils
- Copper or HyPoxy® coated fin coils



Model	Nominal cfm	DX <sup>1</sup> R-22 Capacity 45°F	Chilled Water <sup>1</sup> Entering Water at 45°F			Hot Water <sup>2</sup> Entering Water		
			usgpm	4 rows	6 rows	usgpm	140°F	180°F
BCU								
012	400	13,710	2.5	12,180	15,000	1.5	13,170	20,870
016	500	17,020	3.0	16,010	19,375	2.0	17,200	27,270
020	650	22,340	3.5	20,150	24,450	3.0	22,840	36,280
024	800	28,540	4.0	25,460	30,540	3.5	28,990	45,950
030	1000	32,040	5.0	30,310	36,710	4.0	33,540	53,180
036	1200	40,120	5.5	36,170	43,430	4.0	39,900	63,310
042	1400	45,190	8.0	42,810	52,240	6.0	46,660	74,190
048	1600	48,200	10.5	48,120	59,370	8.0	51,810	82,450
060	2000	62,970	11.0	60,310	73,590	10.0	67,830	107,650
085	2800	92,540	12.0	85,070	101,400	10.0	91,770	145,490
100	3600	112,200	14.5	100,000	120,540	12.0	114,150	181,040
120	4000	129,650	18.0	121,250	145,150	12.0	128,190	203,400

1. At 80°F DB, 67°F WB  
2. At 70°F DB

**Note:** The information in this catalogue is accurate at the time of printing. However, in keeping with company policy to continuously improve our products and maintain our technological edge, we reserve the right to change designs and specifications without notice.