



### Dimensional Data

Model		EMP 154	EMP 191	EMP 215	EMP 242	EMP 308	EMP 382	EMP 430	EMP 484	EMP 573	EMP 645	EMP 726
Dimensions	L	55	55	55	55	98	98	98	98	141	141	141
	A	44 1/2	44 1/2	44 1/2	44 1/2	87 1/2	87 1/2	87 1/2	87 1/2	130 1/2	130 1/2	130 1/2
	B	-	-	-	-	-	-	-	-	43	43	43
	C	-	-	-	-	43	43	43	43	43	43	43
Connections (In.)	Inlet OD	5/8	5/8	5/8	5/8	5/8	7/8	1 1/8	1 1/8	1 3/8	1 3/8	1 3/8
	Suction OD	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 3/8	1 5/8	1 5/8	1 5/8	1 5/8	2 1/8
Operating Refrigerant Charge	R 22 (lbs)	5.9	7.4	9.8	11.8	11.6	15.1	18.9	22.6	22.8	27.8	33.5
Approximate Shipping Weight	(lbs)	193	204	215	226	376	398	420	442	602	635	668

External equalizer line is 1/4" OD.

### Capacity & Electrical Data

Model		EMP 154	EMP 191	EMP 215	EMP 242	EMP 308	EMP 382	EMP 430	EMP 484	EMP 573	EMP 645	EMP 726
Capacity BTUH @ 10°F TD	Evap. -20°F <sup>1</sup>	15400	19100	21500	24200	30800	38200	43000	48400	57300	64500	72600
	Evap. +20°F <sup>2</sup>	17500	21700	24500	27500	35000	43400	49000	55000	65100	73000	82500
FPI		6	6	6	6	6	6	6	6	6	6	6
Fan Data	No. of Fans	1	1	1	1	2	2	2	2	3	3	3
	Dia (In.)	20	20	20	20	20	20	20	20	20	20	20
	Total CFM <sup>3</sup>	4130	4060	4020	3980	8260	8120	8040	7950	12180	12060	11940
	Air Throw (ft) <sup>4</sup>	52	48	46	43	52	48	46	43	48	46	43
Motor Data	RPM	1140	1140	1140	1140	1140	1140	1140	1140	1140	1140	1140
	Amps: 208-230/1/60	4.0	4.0	4.0	4.0	8.0	8.0	8.0	8.0	12.0	12.0	12.0
	208-230/3/60 <sup>5</sup>	-	-	-	-	6.9	6.9	6.9	6.9	6.9	6.9	6.9
	460/3/60	1.2	1.2	1.2	1.2	2.4	2.4	2.4	2.4	3.6	3.6	3.6
	575/3/60	1.0	1.0	1.0	1.0	2.0	2.0	2.0	2.0	3.0	3.0	3.0
	Motor Heat BTUH	2605	2605	2605	2605	5210	5210	5210	5210	7815	7815	7815
Heater Data	Total kW	5.2	5.2	6.5	6.5	10.4	10.4	13.0	13.0	14.4	18.0	18.0
	Amps: 230/3/60	13.1	13.1	16.4	16.4	26.2	26.2	32.8	32.8	36.5	45.3	45.3
	460/3/60	6.6	6.6	8.2	8.2	13.1	13.1	16.4	16.4	18.2	22.7	22.7
	575/3/60	5.2	5.2	6.5	6.5	10.4	10.4	13.0	13.0	14.4	18.0	18.0

1. Use with R404A or R507. For capacities below -20°F Evaporating Temperature and alternate fin spacing, contact factory.
2. Use with R22.
3. Air flow is for frost free coil.
4. Air throw shown is approximate under ideal product stacking conditions.
5. 208-230/3/60 units have single phase motors. 2 and 3 motor units are wired in 3-phase configuration.