

Performance Data Cooling

9/8/2012

High Speed---U.S. (English)

Capacities are net in Btuh/1000 - indoor fan heat deducted

Outdoor Model	4TWX5024B1
Indoor Model	TAM7A0B30H21
ARIREF	5020850
Airflow	800

Values At ARI Rating Conditions

Total Net Capacity	24000 Btuh
Airflow	835 CFM
Compressor Power	1588 watts
Indoor Fan Power	135 watts
Outdoor Fan Power	123 watts
SEER	16.00

Correction Factors - Other Airflows

Airflow	700	900
Total Capacity	0.98	1.02
Sensible Capacity	0.93	1.07
Compressor Kw	0.99	1.01

Rated with 25 Feet 5/8 suction 3/8 liquid lines

O.D.D.B.	I.D.W.B.	TOTAL CAPACITY	SENSIBLE CAPACITY				SYSTEM Kw
			72	75	78	80	
85	59	23.20	19.00	21.25	23.20	23.20	1.63
85	63	24.30	15.60	17.85	20.10	21.70	1.64
85	67	26.00	12.30	14.65	16.90	18.40	1.66
95	59	21.30	18.10	20.45	21.30	21.30	1.82
95	63	22.30	14.70	17.05	19.30	20.80	1.84
95	67	23.80	11.50	13.80	16.10	17.60	1.86
105	63	20.30	13.90	16.25	18.50	20.00	2.03
105	67	21.70	10.70	13.00	15.30	16.80	2.05
105	71	23.50	7.60	9.85	12.20	13.70	2.07
115	63	18.30	13.10	15.45	17.70	18.30	2.23
115	67	19.50	9.90	12.25	14.50	16.00	2.25
115	71	21.20	6.80	9.15	11.40	12.90	2.27
*** 108	59	18.73	IDDB=	75.00	18.56		2.07

*** Performance at selected design conditions

* Dry coil condition (Total Capacity = Sensible Capacity)

Total capacity, compressor Kw and app. dew point valid only for wetcoil

All temperatures in Degree F

 [back](#)