



	APH16 24H41A*	APH16 30H41A*	APH16 36H41A*	APH16 36H41BA	APH16 36H41BB	APH16 42H41A*	APH16 42H41B*	APH16 48H41A*	APH16 60H41A*
COOLING CAPACITY									
Cooling Capacity (BTU/h)	24,000	28,400	36,000	35,600	35,600	42,000	42,000	46,000	57,500
Sensible BTU/h	18,200	21,400	27,000	27,000	27,400	30,000	30,000	34,600	40,500
SEER / EER	16.0 / 13.0	16.0 / 12.5	16.0 / 13.0	16.0 / 13.0	16.0 / 13.0	16.0 / 12.0	16.0 / 12.0	16.0 / 12.0	15.5/12
Decibels	76	76	78	78	78	78	79	80	80
AHRI Numbers	7953730	7953731	7953732	202327490	202327490	7953733	10259475	7953734	9008585
HEATING CAPACITY									
BTU/h (47°F)	22,800	27,600	32,200	32,200	32,200	40,000	40,000	44,000	54,500
C.O.P. (47°F)	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.6
BTU/h (17°F)	13,000	15,400	20,400	19,700	19,700	21,600	21,600	26,000	33,800
C.O.P. (17°F)	2.4	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.4
HSPF	8.0	8.0	8.0	8.0	8.0	8.0	8.2	8.0	8.2
EVAPORATOR MOTOR									
Type	ECM	ECM	ECM	ECM	ECM	ECM	ECM	ECM	ECM
Wheel (D x W)	10 x 8	10 x 8	10 x 8	10 x 8	10 x 8	10 x 8	10 x 8	10 x 8	11X8
Cooling CFM	875	1,050	1,200	1,200	1,200	1,300	1,300	1,600	1,700
Fan-Only CFM	800	950	1,100	1,100	1,100	1,200	1,200	1,400	1,600
RLA	4.3	4.3	4.3	4.3	4.3	4.3	4.3	6.8	6.8
No. of Speeds	Variable	Variable	Variable	Variable	Variable	Variable	Variable	Variable	Variable
Horsepower- RPM	½- 1,050	½- 1,050	½- 1,050	½- 1,050	½- 1,050	¾- 1,050	½- 1,050	¾- 1,050	¾- 1,050
EVAPORATOR COIL									
Face Area (ft2)	5.2	5.2	6.2	6.2	6.2	6.2	6.2	6.2	7
Rows Deep/ Fins per Inch	3/ 14	3/ 14	4/ 14	4/ 14	4/ 14	4/ 14	4/ 14	4/ 14	4/ 14
Indoor Metering Device Size	TXV	TXV	TXV	TXV	TXV	TXV	TXV	TXV	TXV
Filter Size (ft2)	20 x 20 x 1	20 x 25 x 1	25 x 25 x 1	25 x 25 x 1	25 x 25 x 1	(2) 20 x 20 x 1	(2) 20x20x1	(2) 20 x 20 x 1	(2) 20x25x1
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"	¾"	¾"	¾"
Refrigerant Charge (oz.)	116	116	170	170	170	170	170	170	175
CONDENSER FAN / COIL									
Horsepower- RPM	1/6- 815	1/6- 815	¼- 1075	¼- 1075	¼- 1075	¼- 1075	¼- 1075	¼- 1075	¼- 1075
RLA/LRA	1.1 / 1.7	1.1 / 1.7	1.5 / 3.0	1.3 / 3.0	1.6 / 3.5	1.4 / 2.9	1.4 / 2.9	1.4 / 2.9	1.4 / 2.9
Fan Diameter / # Fan Blades	22 / 3	22 / 3	22 / 4	22 / 4	22 / 4	22 / 4	22 / 4	22 / 4	22 / 4
Face Area (ft2)	14.3	14.3	17	17	17	17	17	17	19
Outdoor Metering Device Size	0.047	0.047	0.057	0.057	0.057	0.059	TXV	TXV	TXV
Rows Deep/ Fins per Inch	2 / 16	2 / 16	2 / 16	2 / 16	2 / 16	2 / 16	2 / 16	2 / 16	2 / 20
COMPRESSOR									
Quantity / Type	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll
Stage	Single	Single	Single	Single	Single	Single	Two	Two	Two
Compressor RLA/LRA	12.8 / 58.3	14.1 / 73	16.7 / 79	15.7 / 72.2	15.7 / 72.2	17.9 / 112	17.9 / 96	21.2 / 104	27.1 / 152.9
ELECTRICAL DATA									
Voltage/Phase (60 Hz)	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1	208-230/ 1
Indoor Blower FLA	4.3	4.3	4.3	4.3	4.3	4.3	4.3	6.8	6.8
Outdoor Fan RLA	1.1	1.1	1.4	1.3	1.6	1.4	1.4	1.4	1.4
Total Unit Amps	18.2	19.5	22.4	21.3	21.6	23.6	23.6	29.4	35.3
Min. Circuit Ampacity ¹	21	23	27	25.2	25.5	28	28	35	42.1
Min. Overcurrent Protection (amps) ²	30	35	40	40	40	45	45	50	60
OPERATING WEIGHTS (LBS)									
	315	315	375	375	375	375	375	400	405
SHIPPING WEIGHTS (LBS)									
	324	324	387	385	387	387	387	412	417

¹ Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

² Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

NOTE: Always check the S&R plate for electrical data on the unit being installed.