

TABULAR DATA SHEET

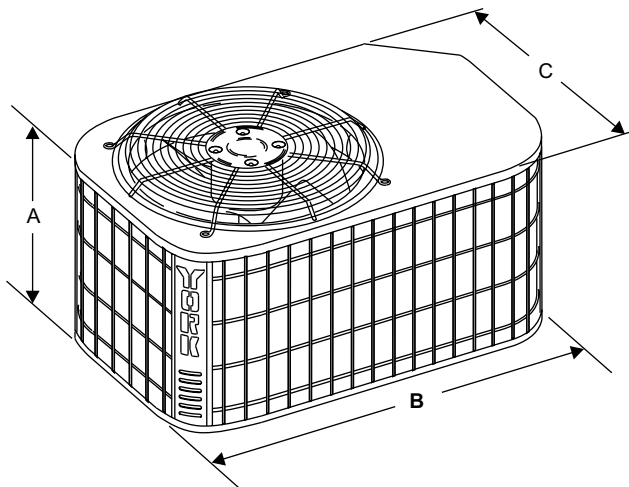
Outdoor Split System Air Conditioner 1.5 Thru 5 Tons

**MODELS: H*RC018* THRU 060*
12 SEER**

Physical and Electrical Data

MODEL		H2RC018S06	H2RC024S06	H2RC030S06	H2RC036S06	H2RC042S06	H2RC048S06	H3RC060S06
Unit Supply Voltage		208/230 – 1 – 60						
Normal Voltage Range ¹		187 to 252						
Minimum Circuit Ampacity		10.1	14.1	16.5	19.7	26.2	28.5	37.4
Max. Overcurrent Device Amps ²		15	25	25	30	45	50	60
Compressor Type ³		Recip	Inertia	Recip	Recip	Scroll ^B	Recip	Scroll ^C
Compressor Amps	Rated Load	7.7	10.9	12.8	14.7	19.9	21.8	28.8
	Locked Rotor	48	60	68	82	115	105	169
Crankcase Heater		No	No	No	Yes	No	No	No
Fan Motor Amps	Rated Load	0.5	0.5	0.5	1.3	1.3	1.3	1.3
Fan Diameter Inches		18	18	22	22	22	22	22
Fan Motor	Rated HP	1/12	1/12	1/15	1/4	1/4	1/4	1/4
	Nominal RPM	1,100	1,100	850	850	850	850	850
	Nominal CFM	2,000	2,000	2,300	3,300	3,300	3,300	3,400
Coil	Face Area Sq. Ft.	12.58	12.58	15.72	15.72	17.03	19.65	23.58
	Rows Deep	1	1	1	1	1	1	1
	Fin / Inches	18	18	18	18	18	18	18
Liquid Line OD		3/8	3/8	3/8	3/8	3/8	3/8	3/8
Vapor Line OD		3/4	3/4	3/4	3/4	7/8	7/8	7/8
Unit Charge (Lbs. - Oz.) ⁴		4 - 9	4 - 7	5 - 8	5 - 3	6 - 13	7 - 7	9 - 0
Charge Per Foot, Oz.		0.68	0.68	0.68	0.68	0.70	0.70	0.70
Operating Weight Lbs.		144	146	156	161	157	190	198

1. Rated in accordance with ARI Standard 110, utilization range "A".
2. Dual element fuses or HACR circuit breaker.
3. All scrolls listed with a superscript "B" are Bristol scrolls. All scrolls listed with a superscript "C" are Copeland scrolls.
4. The Unit Charge is correct for the outdoor unit, matched indoor coil and 15 feet of refrigerant tubing. For tubing lengths other than 15 feet, add or subtract the amount of refrigerant, using the difference in length multiplied by the per foot value.



All dimensions are in inches. They are subject to change without notice. Certified dimensions will be provided upon request

Unit Model	Dimensions (Inches)			Refrigerant Connection Line Size	
	A ¹	B	C	Liquid	Vapor
018	25	35	23	3/8"	3/4"
024	25	35	23		
030	27	37	27		
036	27	37	27		
042	29	37	27		
048	33	37	27	7/8"	
060	39	37	27		

1. Included Fan Guard

Additional R-22 Charge / Orifice Size for Various Matched Systems

Outdoor Unit		H2RC018S06	H2RC024S06	H2RC030S06	H2RC036S06	H2RC042S06	H2RC048S06	H3RC060S06
Unit Orifice (s) ¹		53	59	63	73	78	87	-
Factory R-22 Charge, lbs-oz.		4 - 9	4 - 7	5 - 8	5 - 3	6 - 13	7 - 7	9 - 0
Indoor Coil	Coil Orifice ²	Orifice or TXV Kit ² - Additional Charge, Oz. ³						
G2FD024(S,H)14,17	61	53 + 3	59 + 3	-	-	-	-	-
		701 + 3	701 + 3	-	-	-	-	-
G2FD030(S,H)17	65	53 + 6	59 + 6	63 + 4	-	-	-	-
		701 + 6	701 + 6	701 + 4	-	-	-	-
G2FD035(S,H)14	65	53 + 6	59 + 6	63 + 4	73 + 0	-	-	-
		701 + 6	701 + 6	701 + 4	702 + 0	-	-	-
G2FD036(S,H)17	75	-	59 + 10	63 + 8	73 + 6	-	-	-
		-	701 + 10	701 + 8	702 + 6	-	-	-
G2FD036(S,H)21	75	-	-	63 + 11	73 + 8	-	-	-
		-	-	701 + 11	702 + 8	-	-	-
G2FD042(S,H)21	78	-	-	63 + 14	73 + 12	78 + 0	-	-
		-	-	701 + 14	702 + 12	702 + 0	-	-
G2FD046(S,H)17	78	-	-	63 + 16	73 + 12	78 + 0	87 + 0	-
		-	-	701 + 16	702 + 12	702 + 0	703 + 0	-
G2FD048(S,H)21,24	84	-	-	-	73 + 16	78 + 10	87 + 11	-
		-	-	-	702 + 16	702 + 10	703 + 11	-
G2FD060(S,H)24	90	-	-	-	-	-	87 + 15	-
		-	-	-	-	-	703 + 15	703 + 20
G2FD061H24	90	-	-	-	-	-	87 + 19	-
		-	-	-	-	-	703 + 19	703 + 25
G1HD024	59	53 + 5	59 + 4	-	-	-	-	-
		701 + 5	701 + 4	-	-	-	-	-
G1HD036	69	-	59 + 13	63 + 11	73 + 7	-	-	-
		-	701 + 13	701 + 11	702 + 7	-	-	-
G1HD048	81	-	-	-	73 + 13	78 + 3	87 + 4	-
		-	-	-	702 + 13	702 + 3	703 + 4	-
G1HD060	93	-	-	-	-	-	87 + 12	-
		-	-	-	-	-	703 + 12	703 + 20
G1FA/G1UA024S14,17	59	53 + 0	59 + 0	-	-	-	-	-
		701 + 0	701 + 0	-	-	-	-	-
G1FA/G1UA030S14	65	-	59 + 3	63 + 0	-	-	-	-
		-	701 + 3	701 + 0	-	-	-	-
G1FA/G1UA036S14	73	-	59 + 8	63 + 6	73 + 3	-	-	-
		-	701 + 8	701 + 6	702 + 3	-	-	-
G1FA/G1UA036S17,21	73	-	59 + 6	63 + 4	73 + 0	-	-	-
		-	701 + 6	701 + 4	702 + 0	-	-	-
G1FA/G1UA048S17	84	-	-	63 + 16	73 + 13	78 + 0	87 + 0	-
		-	-	701 + 16	702 + 13	702 + 0	703 + 0	-
G1FA/G1UA048S21	84	-	-	63 + 18	73 + 9	78 + 7	87 + 8	-
		-	-	701 + 18	702 + 9	702 + 7	703 + 8	-
G1FA/G1UA060S21,24	90	-	-	-	-	78 + 16	87 + 15	-
		-	-	-	-	702 + 16	703 + 15	703 + 20
G1NA030S17K	63	53 + 6	59 + 6	63 + 4	-	-	-	-
		701 + 6	701 + 6	701 + 4	-	-	-	-
G1NA030S21M	78	53 + 6	59 + 6	63 + 4	-	-	-	-
		701 + 6	701 + 6	701 + 4	-	-	-	-
G1NA036S17L	63	-	-	63 + 15	73 + 12	-	-	-
		-	-	701 + 15	702 + 12	-	-	-

Additional R-22 Charge / Orifice Size for Various Matched Systems Table (Continued)

Outdoor Unit		H2RC018S06	H2RC024S06	H2RC030S06	H2RC036S06	H2RC042S06	H2RC048S06	H3RC060S06
Unit Orifice (s) ¹		53	59	63	73	78	87	–
Factory R-22 Charge, lbs-oz.		4 - 9	4 - 7	5 - 8	5 - 3	6 - 13	7 - 7	9 - 0
Indoor Coil	Coil Orifice ²	Orifice or TXV Kit ² - Additional Charge, Oz. ³						
G1NA048S21D	78	–	–	–	73 + 12	78 + 0	87 + 0	–
		–	–	–	702 + 12	702 + 0	703 + 0	–
G1NA048S24P	63	–	–	–	73 + 13	78 + 2	87 + 1	–
		–	–	–	702 + 13	702 + 2	703 + 1	–
G1NA060S24T	78	–	–	–	–	–	–	–
		–	–	–	–	–	–	703 + 12
G1NF024SOF	63	–	–	–	–	–	–	–
		–	–	–	–	–	–	–
G1NF036SOF	67	–	59 + 12	63 + 0	73 + 7	–	–	–
		–	701 + 12	701 + 0	702 + 7	–	–	–
G1NF048SOF	78	–	–	–	–	78 + 21	87 + 6	–
		–	–	–	–	702 + 21	703 + 6	–
G1NF060SOF	87	–	–	–	–	–	87 + 18	–
		–	–	–	–	–	703 + 18	703 + 0
F2RP024N06	61	53 + 4	59 + 4	–	–	–	–	–
		701 + 4	701 + 4	–	–	–	–	–
F2RP030N06	65	–	59 + 6	63 + 4	–	–	–	–
		–	701 + 6	701 + 4	–	–	–	–
F2RP036N06	75	–	–	63 + 4	73 + 8	–	–	–
		–	–	701 + 4	702 + 8	–	–	–
F2RP042N06	78	–	–	–	73 + 13	78 + 0	–	–
		–	–	–	702 + 13	702 + 0	–	–
F2FP048N06	84	–	–	–	73 + 16	78 + 10	87 + 11	–
		–	–	–	702 + 16	702 + 10	703 + 11	–
F2FP060N06	90	–	–	–	–	–	87 + 15	–
		–	–	–	–	–	703 + 15	703 + 20
F2FV060N06	90	–	–	–	–	–	87 + 15	–
		–	–	–	–	–	703 + 15	703 + 20

* Variable generation designnator.

FOOTNOTES:

1. These orifices are factory mounted in the flow control device of each indoor coil and must be removed for TXV installation.
2. A TXV kit must be used with these coils to obtain system performance. (701,702,703 indicates 1TV07 ...series).
3. Systems matched with furnaces or air handlers not equipped with blower-off delays, may require blower Time Delay Kit #6918A5011.

PROCEDURES:

1. Unit factory charge listed on the unit nameplate includes refrigerant for the condenser, the smallest evaporator and for 15 feet of interconnecting line tubing.
2. Verify the orifice size and additional charge required for specific evaporator coil in the system using the above table.
3. Additional charge for the amount of interconnecting line tubing greater than 15 feet at the rate specified in the table above.
4. Permanently mark the unit nameplate with the total system charge. Total System Charge = Base Charge (as shipped) + adder for evaporator + adder for line set.
5. If the orifice in the evaporator was changed, verify the evaporator nameplate has been marked with the correct orifice size.

