



iC Heat Pumps



DRHP14A

Cooling Efficiencies up to: 14.3 SEER2/10.4 EER2

Heating Efficiencies up to: 7.6 HSPF2

Nominal Sizes: 1 $\frac{1}{2}$ to 5 Ton [5.28 to 17.6 kW]

Cooling Capacities: 17.1 to 55.5 kBTU [5.0 to 16.3 kW]



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Features and Benefits

- **Fully Louvered Steel Cabinet:** Features durable construction to add protection from yard hazards, weather corrosion
- **Two-Stage Scroll Compressor¹:** Features two speeds (high and low) of cooling and heating, providing more precise temperature control, lower humidity and greater efficiency when compared to single stage compressors
- **Inverted Reversing Valve:** Allows for faster heat transfer with gravity assist shifting and reduced joint stress for increased reliability
- **Easily Accessible Control Box:** Ease of installation and serviceability

¹Does not apply to the 1.5 ton 1-stage model

Heat Pumps

<u>DR</u>	<u>HP</u>	<u>14</u>	<u>A</u>	<u>18</u>	<u>A</u>	<u>J</u>	<u>1</u>	<u>A</u>	<u>N</u>
Brand	Product Category	SEER2	Refrigerant	Capacity	Major Series	Voltage	Type	Region	Controls
DR - Durastar	HP- Heat Pump	14 - 14.3 SEER2	A - R410A	18 - 18,000 [5.28 kW] 24 - 24,000 [7.03 kW] 30 - 30,000 [8.79 kW] 36 - 36,000 [10.55 kW] 42 - 42,000 [12.31 kW] 48 - 48,000 [14.07 kW] 60 - 60,000 [17.58 kW]	A - 1st Design	J- 208/230/1/60	1 - Single-Stage	A - All Regions	N- Non Communicating

[] Designates Metric Conversions

AVAILABLE MODELS
DRHP14A18AJ1AN
DRHP14A18AJ2AN
DRHP14A24AJ2AN
DRHP14A30AJ2AN
DRHP14A36AJ2AN
DRHP14A42AJ2AN
DRHP14A48AJ2AN
DRHP14A60AJ2AN

STANDARD EQUIPMENT
R-410A Refrigerant
Scroll Compressor
Field Installed Filter Drier
Front Seating Service Valves
Internal Pressure Relief Valve
Internal Thermal Overload
Long Line capability
Low Ambient capability with Kit
3-4-5 Expanded Valve Space
Optimized Venturi Airflow
Single row condenser coil
Rust resistant screws
QR code
External gauge ports
Service trays

General Data								
MODEL NO.	DRHP14A18**1	DRHP14A18**2	DRHP14A24	DRHP14A30	DRHP14A36	DRHP14A42	DRHP14A48	DRHP14A60
Nominal Tonnage	1.5	1.5	2.0	2.5	3.0	3.5	4.0	5.0
Valve Connections								
Liquid Line O.D. – in.	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Suction Line O.D. – in.	3/4	3/4	3/4	3/4	3/4	7/8	7/8	7/8
Refrigerant (R410A) furnished oz.¹	84	88	88	108	118	148	148	247
Compressor Type	Scroll							
Outdoor Coil								
Net face area – Outer Coil	10.9	10.9	10.9	14.4	19.5	19.5	19.5	28.4
Net face area – Inner Coil								
Tube diameter – in.	0.276	0.276	0.276	0.276	0.276	0.276	0.276	0.375
Number of rows	1	1	1	1	1	1	1	1
Fins per inch	22	22	22	22	22	22	24	20
Outdoor Fan								
Diameter – in.	20	20	20	24	24	24	24	26
Number of blades	3	3	3	3	3	3	3	3
Motor hp	1/7	1/7	1/6	1/5	1/5	1/5	1/5	1/5
CFM	2401	2401	2620	3391	4077	4077	4096	4686
RPM	1075	1075	1075	850	850	850	850	850
watts	146	141	145	175	234	222	236	239
Shipping weight – lbs.	183	183	186	188	217	253	259	303
Operating weight – lbs.	163	163	158	178	213	220	253	253

Electrical Data								
Line Voltage Data (Volts-Phase-Hz)	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60	208/230-1-60
Maximum overcurrent protection (amps)²	20	15	20	25	25	35	35	40
Minimum circuit ampacity³	11	11	15	18	21	26	29	31
Compressor								
Rated load amps	10	8	11	13	15	20	22	24
Locked rotor amps	46	56	66	71	78	151	0	118
Condenser Fan Motor								
Full load amps	0.75	0.75	0.75	1.0	1.0	1.0	1.0	1.0
Locked rotor amps	1.4	1.4	1.5	2.6	2.56	2.56	2.56	2.6

¹Refrigerant charge sufficient for 15 ft. length of refrigerant lines. For longer line set requirements see the installation instructions for information about set length and additional refrigerant charge required.

²HACR type circuit breaker or fuse.

³Refer to National Electrical Code manual to determine wire, fuse and disconnect size requirements.

Accessories

MODEL NO.	DRHP14A18**1	DRHP14A18**2	DRHP14A24	DRHP14A30	DRHP14A36	DRHP14A42	DRHP14A48	DRHP14A60	
Compressor crankcase heater*	44-17402-44	44-17402-44	44-17402-44	44-17402-44	44-17402-44	44-17402-45	44-17402-45	Factory Standard	
Low ambient control	RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08	RXAD-A08	
Compressor sound cover	68-23427-26	68-23427-26	68-23427-26	68-23427-26	68-23427-26	68-23427-25	68-23427-25	68-23427-25	
Compressor hard start kit	SK-A1	SK-A1	SK-A1	SK-A1	SK-A1	SK-A1	SK-A1	SK-A1	
Low pressure control	Factory Standard	Factory Standard	Factory Standard	Factory Standard	Factory Standard	Factory Standard	Factory Standard	Factory Standard	
High pressure control	Factory Standard	Factory Standard	Factory Standard	Factory Standard	Factory Standard	Factory Standard	Factory Standard	Factory Standard	
Liquid Line Solenoid (24 VAC, 50/60 Hz)	Solenoid Valve	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD3T3TVLC	200RD3T3TVLC
	Solenoid Coil	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V	61-AMG24V
Liquid Line Solenoid (120/240 VAC, 50/60 Hz)	Solenoid Valve	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD2T3TVLC	200RD3T3TVLC	200RD3T3TVLC
	Solenoid Coil	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V	61-AMG120/240V
Classic Top Cap w/Label	91-101123-21	91-101123-21	91-101123-21	91-101123-21	91-101123-21	91-101123-21	91-101123-21	91-101123-21	

*Bi-flow kits are required when installing a liquid line solenoid on a heat pump.

Weighted Sound Power Level (dBA)

UNIT SIZE - VOLTAGE, SERIES	STANDARD RATING (DBA)	TYPICAL OCTAVE BAND SPECTRUM (dBA without tone adjustment)						
		125	250	500	1000	2000	4000	8000
DRHP14A18A	73	39.8	55	62.1	67.0	60.0	57.4	51.2
DRHP14A24A	73	40.4	55.4	62.5	65.9	58.7	56.4	48.9
DRHP14A30A	72	48.9	55.3	63.6	61.0	59.1	56.5	48.7
DRHP14A36A	72	50.1	55.8	64.4	61.5	58.7	55.1	50.9
DRHP14A42A	72	48.6	56.2	63.1	61.7	60.0	56	50.0
DRHP14A48A	74	49.3	56	64.5	64.5	60.1	54.9	47.7
DRHP14A60A	74	43.9	55.2	63.4	65.8	61.7	57.9	52.9

NOTE: Tested in accordance with AHRI Standard 270-08 (not listed in AHRI)

Unit Dimensions

MODEL NO.	OPERATING						SHIPPING					
	H (Height)		L (Length)		W (Width)		H (Height)		L (Length)		W (Width)	
	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm
DRHP14A18**1	25.17	639	29.543	750	29.543	750	27.0625	687	32.625	829	32.625	829
DRHP14A18**2	25.17	639	29.543	750	29.543	750	27.0625	687	32.625	829	32.625	829
DRHP14A24	25.17	639	29.543	750	29.543	750	27.0625	687	32.625	829	32.625	829
DRHP14A30	27.17	690	33.655	855	33.655	855	29.0625	738	36.625	930	36.625	930
DRHP14A36	35.17	893	33.655	855	33.655	855	37.0625	941	36.625	930	36.625	930
DRHP14A42	35.17	893	33.655	855	33.655	855	37.0625	941	36.625	930	36.625	930
DRHP14A48	35.17	893	33.655	855	33.655	855	37.0625	941	36.625	930	36.625	930
DRHP14A60	45.17	1147	35.543	903	35.543	903	47.0625	1195	38.625	981	38.625	981

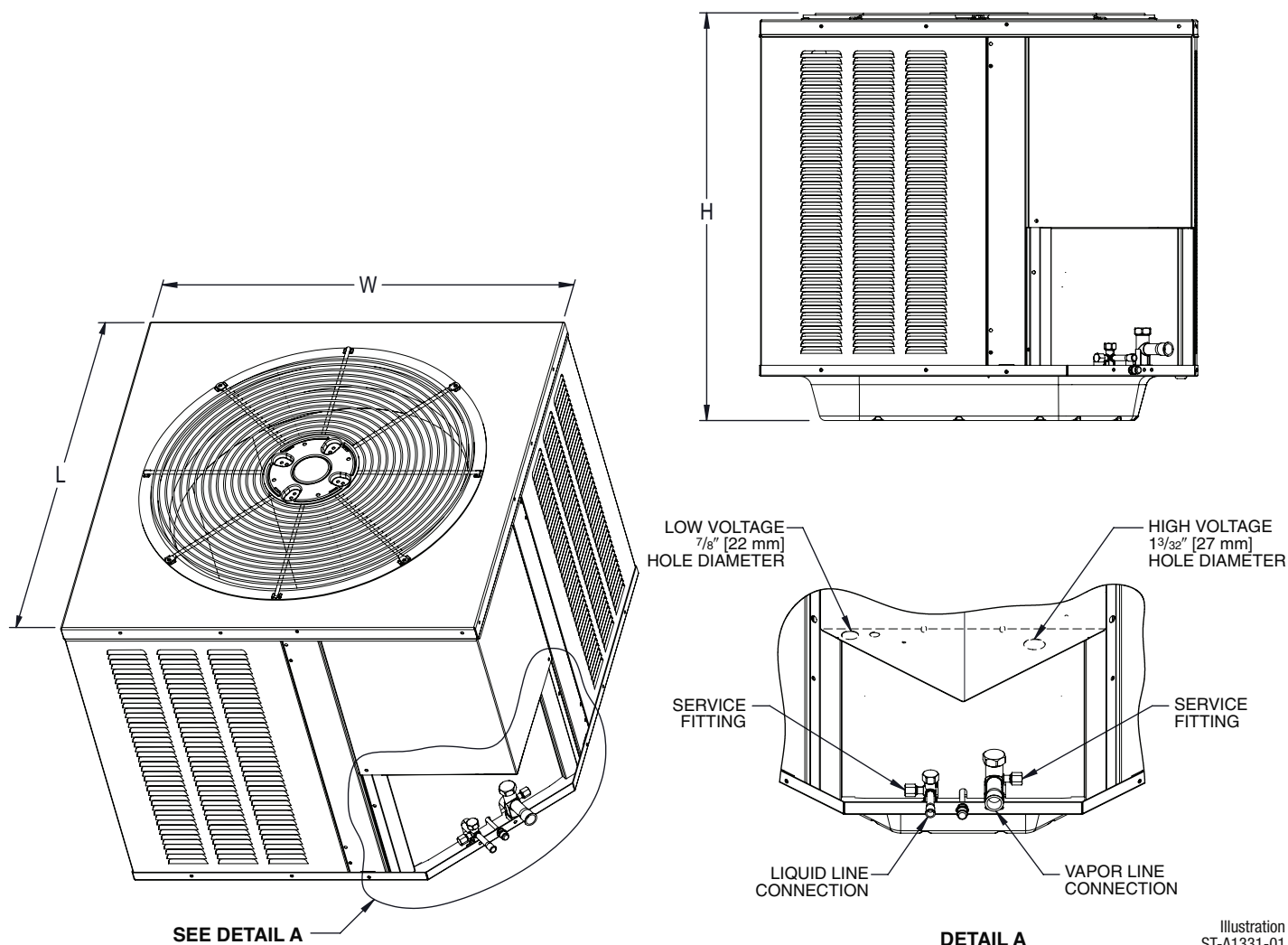
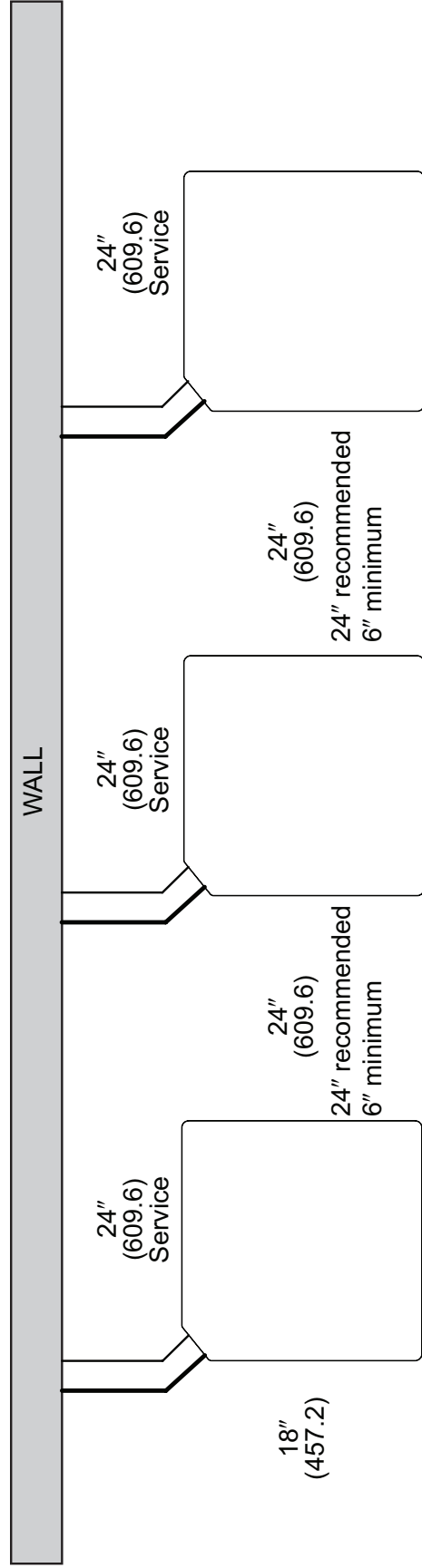
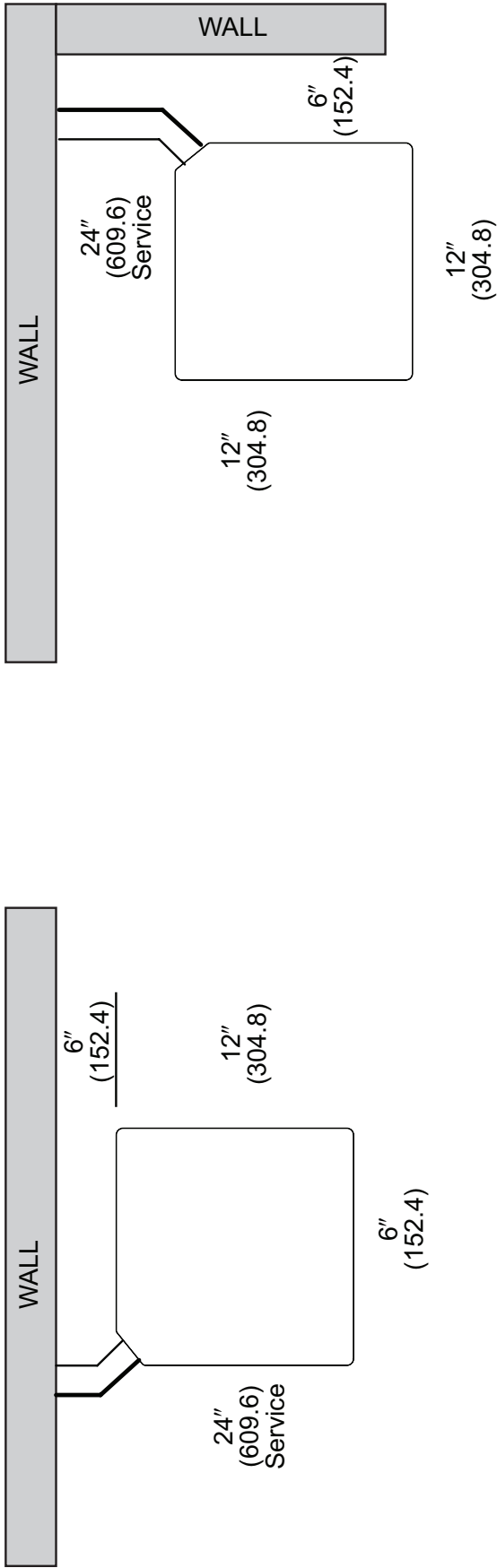


Illustration
ST-A1331-01
Rev. 10-20-2022

[] Designates Metric Conversions

CLEARANCES

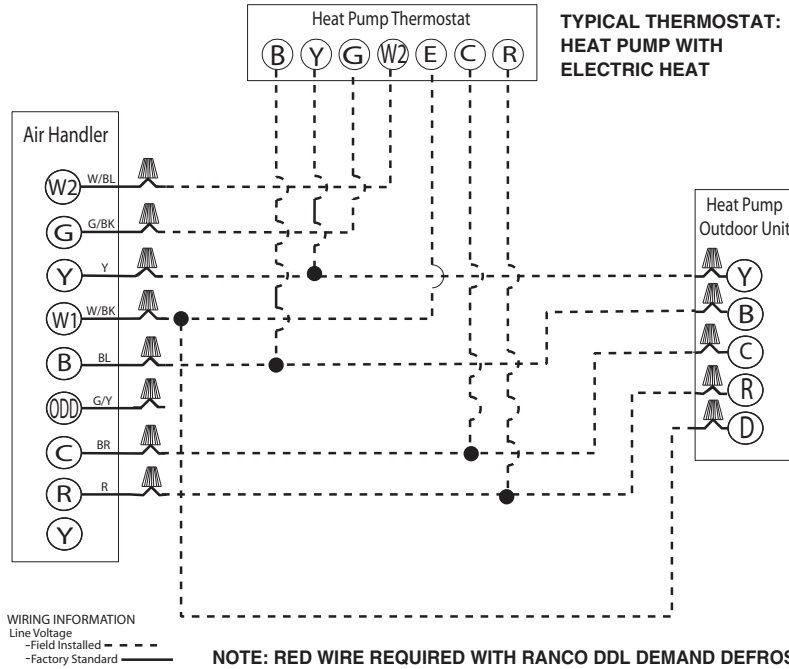


NOTE: NUMBERS IN () = mm

IMPORTANT: When installing multiple units in an alcove, roof well or partially enclosed area, ensure there is adequate ventilation to prevent re-circulation of discharge air.

Control Wiring

FIGURE 4
CONTROL WIRING FOR AIR HANDLER



**TYPICAL THERMOSTAT:
 HEAT PUMP WITH
 ELECTRIC HEAT**

NOTES:

1. Jumper "E" to "W2" to transfer control of supplemental heat to 1st stage when the emergency heat switch is on.
2. This wire turns on heat for defrost, omit for most economical operation.
3. Wire with colored tracing stripe.

Application Guidelines

1. Intended for outdoor installation with free air inlet and outlet. Outdoor fan external static pressure available is less than 0.01-in. wc.
2. Minimum outdoor operation air temperature for cooling mode without low-ambient operation accessory is 55°F (12.8°C).
3. Maximum outdoor operating air temperature is 125°F (51.7°C).
4. For reliable operation, unit should be level in all horizontal planes.
5. Use only copper wire for electric connections at unit. Aluminum and clad aluminum are not acceptable for the type of connector provided.
6. Do not apply capillary tube indoor coils to these units.
7. Factory-supplied filter drier must be installed.

Refrigerant Line Size Information

SINGLE AND TWO STAGE HEAT PUMPS									
UNIT SIZE	LIQUID LINE SIZE	SUCTION LINE SIZE	OUTDOOR UNIT ABOVE OR BELOW INDOOR UNIT						
			EQUIVALENT LENGTH IN FEET						
			<15	16-25	26-50	51-80	81-100	101-125	126-150
			MAXIMUM VERTICAL SEPARATION/CAPACITY MULTIPLIER						
1.5 Ton	1/4"	1/2"	15 / 1	25 / 0.99	50 / 0.98	75 / 0.97	60 / 0.94	40 / 0.93	20 / 0.91
	5/16"	1/2"	15 / 1	25 / 0.99	50 / 0.98	80 / 0.97	100 / 0.94	110 / 0.93	115 / 0.91
	3/8"	1/2"	15 / 1	25 / 1	50 / 0.99	80 / 0.97	100 / 0.97	115 / 0.96	115 / 0.95
	1/4"	5/8"	15 / 1	25 / 1	50 / 0.99	75 / 0.99	60 / 0.98	40 / 0.98	20 / 0.98
	5/16"	5/8"	15 / 1	25 / 1	50 / 0.99	80 / 0.99	100 / 0.98	110 / 0.98	115 / 0.98
	3/8"	5/8"	15 / 1	25 / 1	50 / 1	80 / 0.99	100 / 0.99	115 / 0.99	115 / 0.98
	1/4"	3/4"	15 / 1	25 / 1	50 / 1	75 / 0.99	60 / 0.99	40 / 0.99	20 / 0.99
	5/16"	3/4"	15 / 1	25 / 1	50 / 1	80 / 0.99	100 / 0.99	110 / 0.99	115 / 0.99
2 Ton	1/4"	5/8"	15 / 1	25 / 0.99	50 / 0.99	40 / 0.98	15 / 0.97	0 / 0.96	0 / 0.95
	5/16"	5/8"	15 / 1	25 / 0.99	50 / 0.99	80 / 0.98	100 / 0.97	95 / 0.96	85 / 0.95
	3/8"	5/8"	15 / 1	25 / 1	50 / 0.99	80 / 0.98	100 / 0.97	100 / 0.96	95 / 0.95
	1/4"	3/4"	15 / 1	25 / 1	50 / 0.99	40 / 0.99	15 / 0.99	0 / 0.99	0 / 0.98
	5/16"	3/4"	15 / 1	25 / 1	50 / 0.99	80 / 0.99	100 / 0.99	95 / 0.99	85 / 0.98
	3/8"	3/4"	15 / 1	25 / 1	50 / 1	80 / 0.99	100 / 0.99	100 / 0.99	95 / 0.98
2.5 Ton	1/4"	5/8"	15 / 1	25 / 0.99	50 / 0.98	0 / 0.97	0 / 0.96	0 / 0.94	0 / 0.93
	5/16"	5/8"	15 / 1	25 / 0.99	50 / 0.98	80 / 0.97	85 / 0.96	75 / 0.94	60 / 0.93
	3/8"	5/8"	15 / 1	25 / 0.99	50 / 0.98	80 / 0.97	95 / 0.96	90 / 0.94	85 / 0.93
	1/4"	3/4"	15 / 1	25 / 1	50 / 0.99	0 / 0.99	0 / 0.98	0 / 0.98	0 / 0.97
	5/16"	3/4"	15 / 1	25 / 1	50 / 0.99	80 / 0.99	85 / 0.98	75 / 0.98	60 / 0.97
	3/8"	3/4"	15 / 1	25 / 1	50 / 0.99	80 / 0.99	95 / 0.98	90 / 0.98	85 / 0.97
3 Ton	5/16"	5/8"	15 / 1	25 / 0.99	50 / 0.97	75 / 0.95	65 / 0.94	45 / 0.92	30 / 0.9
	5/16"	3/4"	15 / 1	25 / 1	50 / 0.99	75 / 0.98	65 / 0.98	45 / 0.97	30 / 0.96
	3/8"	5/8"	15 / 1	25 / 0.99	50 / 0.97	80 / 0.95	85 / 0.94	80 / 0.92	75 / 0.9
	3/8"	3/4"	15 / 1	25 / 1	50 / 0.99	80 / 0.98	85 / 0.98	80 / 0.97	75 / 0.96
	3/8"	7/8"	15 / 1	25 / 1	50 / 1	80 / 0.99	85 / 0.99	80 / 0.99	75 / 0.98
	1/2"	3/4"	15 / 1	25 / 1	50 / 0.99	80 / 0.98	100 / 0.98	125 / 0.97	130 / 0.96
	1/2"	7/8"	15 / 1	25 / 1	50 / 0.99	80 / 0.99	100 / 0.99	125 / 0.99	130 / 0.99
3.5 Ton	3/8"	3/4"	15 / 1	25 / 0.99	50 / 0.98	80 / 0.97	80 / 0.97	70 / 0.96	65 / 0.95
	3/8"	7/8"	15 / 1	25 / 1	50 / 0.99	80 / 0.99	80 / 0.99	70 / 0.98	65 / 0.98
	1/2"	3/4"	15 / 1	25 / 0.99	50 / 0.98	80 / 0.97	100 / 0.97	125 / 0.96	125 / 0.94
	1/2"	7/8"	15 / 1	25 / 0.99	50 / 0.98	80 / 0.97	100 / 0.97	125 / 0.96	125 / 0.94
4 Ton	3/8"	3/4"	15 / 1	25 / 0.99	50 / 0.98	75 / 0.97	70 / 0.96	60 / 0.95	50 / 0.94
	3/8"	7/8"	15 / 1	25 / 1	50 / 0.99	75 / 0.99	70 / 0.98	60 / 0.98	50 / 0.97
	1/2"	3/4"	15 / 1	25 / 0.99	50 / 0.98	80 / 0.97	100 / 0.96	125 / 0.95	125 / 0.94
	1/2"	7/8"	15 / 1	25 / 1	50 / 0.99	80 / 0.99	100 / 0.98	125 / 0.98	125 / 0.97
5 Ton	3/8"	3/4"	15 / 1	25 / 0.99	50 / 0.97	65 / 0.95	45 / 0.94	30 / 0.92	15 / 0.9
	3/8"	7/8"	15 / 1	25 / 0.99	50 / 0.99	65 / 0.98	45 / 0.97	30 / 0.96	15 / 0.96
	1/2"	3/4"	15 / 0.99	25 / 0.99	50 / 0.97	80 / 0.95	100 / 0.94	120 / 0.92	115 / 0.9
	1/2"	7/8"	15 / 1	25 / 0.99	50 / 0.99	80 / 0.98	100 / 0.97	120 / 0.96	115 / 0.96

NOTES:

- 1) Maximum Equivalent Line Length may not exceed 250'.
- 2) Maximum Actual Line Length may not exceed 200'.
- 3) Light Grey shaded areas are considered long line and may require accessories as recommended in Long Line Set Guide.
- 4) **DO NOT** use suction line traps in the suction riser as this adds additional unwanted pressure drop in the system.

Refrigerant Line Size Information (Con't.)

SINGLE AND TWO STAGE HEAT PUMPS									
UNIT SIZE	LIQUID LINE SIZE	SUCTION LINE SIZE	OUTDOOR UNIT ABOVE OR BELOW INDOOR UNIT						
			EQUIVALENT LENGTH IN METERS						
			0-5	5.5-8	8.5-15	15.5-24	24.5-30	30.5-38	38.5-46
			MAXIMUM VERTICAL SEPARATION/CAPACITY MULTIPLIER						
1.5 Ton	1/4"	1/2"	5 / 1	8 / 0.99	15 / 0.98	23 / 0.97	18 / 0.94	12 / 0.93	6 / 0.91
	5/16"	1/2"	5 / 1	8 / 0.99	15 / 0.98	24 / 0.97	30 / 0.94	34 / 0.93	35 / 0.91
	3/8"	1/2"	5 / 1	8 / 1	15 / 0.99	24 / 0.97	30 / 0.97	35 / 0.96	35 / 0.95
	1/4"	5/8"	5 / 1	8 / 1	15 / 0.99	23 / 0.99	18 / 0.98	12 / 0.98	6 / 0.98
	5/16"	5/8"	5 / 1	8 / 1	15 / 0.99	24 / 0.99	30 / 0.98	34 / 0.98	35 / 0.98
	3/8"	5/8"	5 / 1	8 / 1	15 / 1	24 / 0.99	30 / 0.99	35 / 0.99	35 / 0.98
	1/4"	3/4"	5 / 1	8 / 1	15 / 1	23 / 0.99	18 / 0.99	12 / 0.99	6 / 0.99
	5/16"	3/4"	5 / 1	8 / 1	15 / 1	24 / 0.99	30 / 0.99	34 / 0.99	35 / 0.99
	3/8"	3/4"	5 / 1	8 / 1	15 / 1	24 / 0.99	30 / 0.99	35 / 0.99	35 / 0.98
2 Ton	1/4"	5/8"	5 / 1	8 / 0.99	15 / 0.99	12 / 0.98	5 / 0.97	0 / 0.96	0 / 0.95
	5/16"	5/8"	5 / 1	8 / 0.99	15 / 0.99	24 / 0.98	30 / 0.97	29 / 0.96	26 / 0.95
	3/8"	5/8"	5 / 1	8 / 1	15 / 0.99	24 / 0.98	30 / 0.97	30 / 0.96	29 / 0.95
	1/4"	3/4"	5 / 1	8 / 1	15 / 0.99	12 / 0.99	5 / 0.99	0 / 0.99	0 / 0.98
	5/16"	3/4"	5 / 1	8 / 1	15 / 0.99	24 / 0.99	30 / 0.99	29 / 0.99	26 / 0.98
2.5 Ton	3/8"	3/4"	5 / 1	8 / 1	15 / 1	24 / 0.99	30 / 0.99	30 / 0.99	29 / 0.98
	1/4"	5/8"	5 / 1	8 / 0.99	15 / 0.98	0 / 0.97	0 / 0.96	0 / 0.94	0 / 0.93
	5/16"	5/8"	5 / 1	8 / 0.99	15 / 0.98	24 / 0.97	26 / 0.96	23 / 0.94	18 / 0.93
	3/8"	5/8"	5 / 1	8 / 0.99	15 / 0.98	24 / 0.97	29 / 0.96	27 / 0.94	26 / 0.93
	1/4"	3/4"	5 / 1	8 / 1	15 / 0.99	0 / 0.99	0 / 0.98	0 / 0.98	0 / 0.97
3 Ton	5/16"	3/4"	5 / 1	8 / 1	15 / 0.99	24 / 0.99	26 / 0.98	23 / 0.98	18 / 0.97
	3/8"	3/4"	5 / 1	8 / 1	15 / 0.99	24 / 0.99	29 / 0.98	27 / 0.98	26 / 0.97
	5/16"	5/8"	5 / 1	8 / 0.99	15 / 0.97	23 / 0.95	20 / 0.94	14 / 0.92	9 / 0.9
	5/16"	3/4"	5 / 1	8 / 1	15 / 0.99	23 / 0.98	20 / 0.98	14 / 0.97	9 / 0.96
	3/8"	5/8"	5 / 1	8 / 0.99	15 / 0.97	24 / 0.95	26 / 0.94	24 / 0.92	23 / 0.9
	3/8"	3/4"	5 / 1	8 / 1	15 / 0.99	24 / 0.98	26 / 0.98	24 / 0.97	23 / 0.96
3.5 Ton	3/8"	7/8"	5 / 1	8 / 1	15 / 1	24 / 0.99	26 / 0.99	24 / 0.99	23 / 0.98
	1/2"	3/4"	5 / 1	8 / 1	15 / 0.99	23 / 0.98	30 / 0.98	38 / 0.97	40 / 0.96
	1/2"	7/8"	5 / 1	8 / 1	15 / 0.99	23 / 0.99	30 / 0.99	38 / 0.99	40 / 0.99
	3/8"	3/4"	5 / 1	8 / 0.99	15 / 0.98	24 / 0.97	24 / 0.97	21 / 0.96	20 / 0.95
	3/8"	7/8"	5 / 1	8 / 1	15 / 0.99	24 / 0.99	24 / 0.99	21 / 0.98	20 / 0.98
	1/2"	3/4"	5 / 1	8 / 0.99	15 / 0.98	23 / 0.97	30 / 0.97	38 / 0.96	38 / 0.94
4 Ton	1/2"	7/8"	5 / 1	8 / 0.99	15 / 0.98	23 / 0.97	30 / 0.97	38 / 0.96	38 / 0.94
	1/2"	7/8"	5 / 1	8 / 1	15 / 0.99	23 / 0.99	30 / 0.98	38 / 0.98	38 / 0.97
	3/8"	3/4"	5 / 1	8 / 0.99	15 / 0.98	23 / 0.97	21 / 0.96	18 / 0.95	15 / 0.94
	3/8"	7/8"	5 / 1	8 / 1	15 / 0.99	23 / 0.99	21 / 0.98	18 / 0.98	15 / 0.97
5 Ton	1/2"	3/4"	5 / 1	8 / 0.99	15 / 0.97	20 / 0.95	14 / 0.94	9 / 0.92	5 / 0.9
	3/8"	7/8"	5 / 1	8 / 0.99	15 / 0.99	20 / 0.98	14 / 0.97	9 / 0.96	5 / 0.96
	1/2"	3/4"	5 / 0.99	8 / 0.99	15 / 0.97	23 / 0.95	30 / 0.94	37 / 0.92	35 / 0.9
	1/2"	7/8"	5 / 1	8 / 0.99	15 / 0.99	23 / 0.98	30 / 0.97	37 / 0.96	35 / 0.96

NOTES:

- 1) Maximum Equivalent Line Length may not exceed 76 Meters.
- 2) Maximum Actual Line Length may not exceed 61 Meters.
- 3) Light Grey shaded areas are considered long line and may require accessories as recommended in Long Line Set Guide.
- 4) **DO NOT** use suction line traps in the suction riser as this adds additional unwanted pressure drop in the system.

Performance Data @ AHRI Standard Conditions – Cooling

DESIGNATED TESTED COMBINATION (DTC)												
OUTDOOR UNIT	AIR HANDLER	TOTAL CAPACITY BTU/H [kW]	NET SENSIBLE BTU/H [kW]	NET LATENT BTU/H [kW]	SEER2	EER2	INDOOR CFM [L/S]	47 DEGREE HEATING CAPACITY BTU/H [KW]	47 DEGREE COP	17 DEGREE HEATING CAPACITY BTU/H [KW]	17 DEGREE COP	REGION IV HSPF2
DRHP14A18AJ1AN	DRAH2TA2417ASTNN	17,100 [5.0]	13,100 [3.8]	4,000 [1.2]	14.3	9.0	575 [271.4]	17,100 [5.0]	3.78	11,100 [3.3]	2.56	7.5
DRHP14A18AJ2AN	DRAH2TA2417ASTNN	17,100 [5.0]	13,100 [3.8]	4,000 [1.2]	14.3	9.0	550 [259.6]	17,100 [5.0]	3.58	11,000 [3.2]	2.52	7.5
DRHP14A24AJ2AN	DRAH2TA2417ASTNN	22,800 [6.7]	17,500 [5.1]	5,300 [1.6]	14.3	9.0	775 [365.8]	22,800 [6.7]	3.51	14,600 [4.3]	2.55	7.5
DRHP14A30AJ2AN	DRAH2TA3617ASTNN	28,600 [8.4]	21,900 [6.4]	6,700 [2.0]	14.3	9.0	950 [448.4]	28,600 [8.4]	3.56	18,200 [5.3]	2.57	7.5
DRHP14A36AJ2AN	DRAH2TA3617ASTNN	34,200 [10.0]	26,200 [7.7]	8,000 [2.3]	14.3	9.0	1,050 [495.5]	34,200 [10.0]	3.27	23,600 [6.9]	2.49	7.5
DRHP14A42AJ2AN	DRAH2TA4821ASTNN	39,500 [11.6]	30,300 [8.9]	9,200 [2.7]	14.3	9.0	1,275 [601.7]	39,500 [11.6]	3.69	25,500 [7.5]	2.67	7.5
DRHP14A48AJ2AN	DRAH2TA6024ASTNN	45,500 [13.3]	34,900 [10.2]	10,600 [3.1]	14.3	9.0	1,450 [684.3]	45,500 [13.0]	3.65	27,500 [8.1]	2.54	7.5
DRHP14A60AJ2AN	DRAH2TA4821ASTNN	55,500 [16.3]	42,600 [12.5]	12,900 [3.8]	14.3	9.0	1,800 [849.5]	55,500 [16.3]	2.66	34,000 [10.0]	2.56	7.5

NOTE: This data includes DTC (Designated Test Combination) ratings and is for reference purposes only. A full listing of official ratings and system match-ups, along with downloadable certificates, can be accessed from the AHRI website: www.ahridirectory.org.

[] Designates Metric Conversions



GENERAL TERMS OF LIMITED WARRANTY*

Durastar will furnish a replacement for any part of this product which fails in normal use and service within the applicable period stated, in accordance with the terms of the limited warranty.

Parts Five (5) Years

***For complete details of the Limited and Conditional Warranties, including applicable terms and conditions, contact your local contractor or the Manufacturer for a copy of the product warranty certificate.**

Before proceeding with installation, refer to installation instructions packaged with each model, as well as complying with all Federal, State, Provincial, and Local codes, regulations, and practices.



"In keeping with its policy of continuous progress and product improvement, Durastar reserves the right to make changes without notice."