



MULTI-POSITIONAL EVAPORATOR COIL

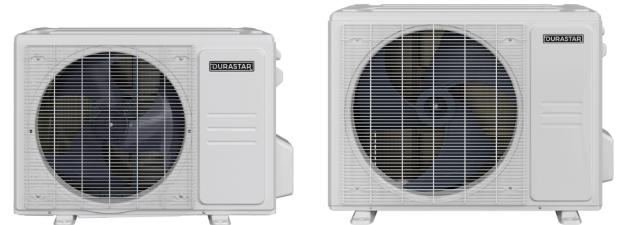
18K – 60K BTU

SUBMITTAL COVER SHEET

PROJECT NAME _____
LOCATION _____
ARCHITECT _____
ENGINEER _____
CONTRACTOR _____
REFERENCE _____
SUBMITTED BY _____ DATE _____

Evaporator Coil Model Number	BTU Range
DRUC2414S2A	18–24K
DRUC2417S2A	18–24K
DRUC3614S2A	30–36K
DRUC3617S2A	30–36K
DRUC3621S2A	30–36K
DRUC6021S2A	42–60K
DRUC6024S2A	42–60K

Outdoor Unit Model Number	BTU
DRU1U18S2A	18K
DRU1U24S2A	24K
DRU1U30S2A	30K
DRU1U36S2A	36K
DRU1U48S2A	48K
DRU1U60S2A	60K



18K

24K



30K, 36K

48K, 60K

PRODUCT FEATURES

- Check AHRI Directory for rated dual-fuel systems
- Several tax credit eligible, ENERGY STAR certified, pairings
- Multi-position installation: horizontal and vertical
- All-aluminum coil
- Thermal expansion valve
- Vertical and horizontal composite drain pan pre-installed
- Refrigerant leak detection system installed
- Coil interface included for easy RDS furnace connection
- Compatible with DRSTAT102C communicating thermostat (purchased separately)
- 24V thermostat compatible
- Anti-corrosive coil fin coating
- Low ambient heating down to -13°F
- Low ambient cooling down to -13°F
- Base pan heater installed
- Single insulated line sets allowed
- Indoor and outdoor powered separately



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MULTI-POSITIONAL EVAPORATOR COIL

18K – 60K BTU

SPECIFICATIONS

Indoor Unit Model		DRUC2414S2A	DRUC2417S2A	DRUC2414S2A	DRUC2417S2A	DRUC3614S2A	DRUC3617S2A	DRUC3621S2A	DRUC3614S2A	DRUC3617S2A	DRUC3621S2A	DRUC6021S2A	DRUC6024S2A	DRUC6021S2A	DRUC6024S2A
Outdoor Unit Model		DRU1U18S2A	DRU1U18S2A	DRU1U24S2A	DRU1U24S2A	DRU1U30S2A	DRU1U30S2A	DRU1U30S2A	DRU1U36S2A	DRU1U36S2A	DRU1U36S2A	DRU1U48S2A	DRU1U48S2A	DRU1U60S2A	DRU1U60S2A
Attribute	Units														
Indoor Power Supply	(Volts; Hz; Ph)	24V,60Hz,1Ph	24V,60Hz,1Ph	24V,60Hz,1Ph	24V,60Hz,1Ph	24V,60Hz,1Ph	24V,60Hz,1Ph	24V,60Hz,1Ph	24V,60Hz,1Ph	24V,60Hz,1Ph	24V,60Hz,1Ph	24V,60Hz,1Ph	24V,60Hz,1Ph	24V,60Hz,1Ph	24V,60Hz,1Ph
Outdoor Power Supply	(Volts; Hz; Ph)	208/230, 60Hz, 1Ph	208/230, 60Hz, 1Ph	208/230, 60Hz, 1Ph	208/230, 60Hz, 1Ph	208/230, 60Hz, 1Ph	208/230, 60Hz, 1Ph	208/230, 60Hz, 1Ph	208/230, 60Hz, 1Ph	208/230, 60Hz, 1Ph	208/230, 60Hz, 1Ph	208/230, 60Hz, 1Ph	208/230, 60Hz, 1Ph	208/230, 60Hz, 1Ph	208/230, 60Hz, 1Ph

Operational Temperatures

Indoor Operating Range (Cooling)	°F (°C)	60–90 (16–32)	60–90 (16–32)	60–90 (16–32)	60–90 (16–32)	60–90 (16–32)	60–90 (16–32)	60–90 (16–32)	60–90 (16–32)	60–90 (16–32)	60–90 (16–32)	60–90 (16–32)	60–90 (16–32)	60–90 (16–32)	60–90 (16–32)
Outdoor Operating Range (Cooling)	°F (°C)	–13–122 (–25–50)	–13–122 (–25–50)	–13–122 (–25–50)	–13–122 (–25–50)	–13–122 (–25–50)	–13–122 (–25–50)	–13–122 (–25–50)	–13–122 (–25–50)	–13–122 (–25–50)	–13–122 (–25–50)	–13–122 (–25–50)	–13–122 (–25–50)	–13–122 (–25–50)	–13–122 (–25–50)
Indoor Operating Range (Heating)	°F (°C)	32–86 (0–30)	32–86 (0–30)	32–86 (0–30)	32–86 (0–30)	32–86 (0–30)	32–86 (0–30)	32–86 (0–30)	32–86 (0–30)	32–86 (0–30)	32–86 (0–30)	32–86 (0–30)	32–86 (0–30)	32–86 (0–30)	32–86 (0–30)
Outdoor Operating Range (Heating)	°F (°C)	–13–75 (–25–24)	–13–75 (–25–24)	–13–75 (–25–24)	–13–75 (–25–24)	–13–75 (–25–24)	–13–75 (–25–24)	–13–75 (–25–24)	–13–75 (–25–24)	–13–75 (–25–24)	–13–75 (–25–24)	–13–75 (–25–24)	–13–75 (–25–24)	–13–75 (–25–24)	–13–75 (–25–24)

Cooling Ratings and Capacities

SEER2	BTU/h/W	16	16	16	16	15.5	15.8	15.8	14.9	14.7	14.7	15.2	14.8	14.9	14.3
EER2	BTU/h/W	10.2	10.2	10	10	10	10	10	10	9.6	9.6	10	9.8	8.5	8.2
Rated Cooling Capacity 95°F (35°C)	BTU/h	18000	18000	24000	24000	29000	29000	29000	29000	36000	36000	45000	45000	51000	50000
Cooling Capacity Range	BTU/h	5800–21600	5800–21600	7900–27600	7900–27600	10000–30000	12800–33700	12800–33700	10200–26200	12000–38600	12000–38600	15900–49000	15200–47000	25000–51500	15700–50000
Cooling Input	W	1765	1765	2400	2400	2900	2900	2900	2900	3750	3750	4500	4590	6000	6100
Cooling Current	A	7.5	7.5	9	9	12	11	11	10.5	14.9	14.9	19.6	18.5	24.2	24.8
Cooling Input Range	W	500–2000	500–2000	680–2890	680–2890	880–1340	1060–3240	1060–3240	760–2060	1070–4700	1070–4700	1390–5080	1380–5250	2190–6000	1430–6100
Cooling Current Range	A	2.4–7.5	2.4–7.5	3–11.2	3–11.2	2.7–12.4	3.5–12.5	3.5–12.5	1.6–12.5	3.3–12.5	3.3–12.5	4.9–22	4.9–22	3.3–24.5	3.3–24.5
Cooling at 109°F (43°C)	BTU/h	16000	16000	23000	23000	27000	31000	31000	29300	33200	33200	40000	40000	44000	46000
Cooling at 5°F (–15°C)	BTU/h	20000	20000	27000	27000	33000	37000	37000	38500	43000	43000	48000	44000	60500	50500

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MULTI-POSITIONAL EVAPORATOR COIL 18K – 60K BTU

SPECIFICATIONS

Heating Ratings and Capacities

Indoor Unit Model		DRUC2414S2A	DRUC2417S2A	DRUC2414S2A	DRUC2417S2A	DRUC3614S2A	DRUC3617S2A	DRUC3621S2A	DRUC3614S2A	DRUC3617S2A	DRUC3621S2A	DRUC6021S2A	DRUC6024S2A	DRUC6021S2A	DRUC6024S2A
Outdoor Unit Model		DRU1U18S2A	DRU1U18S2A	DRU1U24S2A	DRU1U24S2A	DRU1U30S2A	DRU1U30S2A	DRU1U30S2A	DRU1U36S2A	DRU1U36S2A	DRU1U36S2A	DRU1U48S2A	DRU1U48S2A	DRU1U60S2A	DRU1U60S2A
Attribute	Units														
HSPF2-4	BTU/h/W	8.6	8.6	9	9	8.1	8.2	8.2	8.5	8.5	8.5	9	8	8.1	8.2
HSPF2-5	BTU/h/W	6.9	6.9	7	7	6.5	6.5	6.5	7.3	7	7	7	6.6	6.6	6.8
Rated Heating Capacity 47°F (8°C)	BTU/h	19,000	19,000	25,000	25,000	29,000	30,000	30,000	35,000	36,000	36,000	47,000	47,000	49,000	49,000
Rated COP	W/W	3.15	3.15	3.2	3.2	3.2	3.12	3.12	3.06	3.4	3.4	3	3.2	3	2.96
Heating Capacity Range	BTU/h	5,200-22,000	5,200-22,000	6,500-27,000	6,500-27,000	8,400-29,000	8,600-31,000	8,600-31,000	9,000-36,600	14,000-41,000	14,000-41,000	14,800-50,000	13,900-51,000	22,400-50,000	17,600-50,000
Heating Input	W	1768	1768	2290	2290	2660	2820	2820	3350	3103	3103	4590	4300	4790	5190
Heating Current	A	7.7	7.7	8.5	8.5	10.5	10.5	10.5	13.3	14.7	11.7	20.4	19.8	19	21
Heating Input Range	W	300-1800	300-1800	550-2900	550-2900	780-2660	900-2760	900-2760	790-3840	1200-3750	1200-3750	860-4850	800-4870	2010-5070	1870-5190
Heating Current Range	A	1.1-9.6	1.1-9.6	1.8-12	1.8-12	2.8-11	2.85-10.3	2.85-10.3	1.72-14	1.72-14.7	1.72-14.7	4.37-20	4.37-20	6-20.7	6-20.7
Heating at 17°F (-8.33°C) Rated Capacity (H32)	BTU/h	13400	13400	19700	19700	19000	19000	19000	23400	25600	25600	33000	28000	33000	33000
Heating at 17°F (-8.33°C) COP (H32)	W/W	2.65	2.65	2.66	2.66	2.30	2.32	2.32	2.29	2.55	2.55	2.5	2.00	2.30	2.36
Heating at 5°F (-15°C) Rated Capacity (H42)	BTU/h	10800	10800	19000	19000	19000	19000	19000	27600	27200	27200	40000	38000	37800	38000
Heating at 5°F (-15°C) COP (H42)	W/W	1.80	1.80	1.80	1.80	1.80	1.90	1.90	1.90	2.00	2.00	1.85	1.75	1.78	1.80
Heating at -4°F (-20°C) Rated Capacity	BTU/h	10000	10000	17600	17600	15400	17000	17000	22700	25700	25700	38000	36000	33100	33000
Heating at -13°F (-25°C) Rated Capacity	BTU/h	8600	8600	13900	13900	13800	16500	16500	15400	20400	20400	33600	34400	28000	28000

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18K – 60K BTU

SPECIFICATIONS

Electrical Specifications

Indoor Unit Model		DRUC2414S2A	DRUC2417S2A	DRUC2414S2A	DRUC2417S2A	DRUC3614S2A	DRUC3617S2A	DRUC3621S2A	DRUC3614S2A	DRUC3617S2A	DRUC3621S2A	DRUC6021S2A	DRUC6024S2A	DRUC6021S2A	DRUC6024S2A
Outdoor Unit Model		DRU1U18S2A	DRU1U18S2A	DRU1U24S2A	DRU1U24S2A	DRU1U30S2A	DRU1U30S2A	DRU1U30S2A	DRU1U36S2A	DRU1U36S2A	DRU1U36S2A	DRU1U48S2A	DRU1U48S2A	DRU1U60S2A	DRU1U60S2A
Attribute	Units														
Outdoor Minimum Circuit Ampacity	A	16	16	19	19	22.5	22.5	22.5	24	24	24	36	36	39	39
Outdoor Max Fuse (MOCP)	A	20	20	20	20	25	25	25	30	30	30	40	40	40	40
Minimum Communication Wiring Gauge	AWG	20/2	20/2	20/2	20/2	20/2	20-2	20-2	20-2	20/2	20/2	20-2	20-2	20-2	20-2
Outdoor Fan Motor RLA	A	0.8	0.8	1	1	1.1	1.1	1.1	1.5	1.5	1.5	2	2	1.2	1.2
Outdoor Compressor RLA	A	10	10	14	14	17	17	17	17.5	17.5	17.5	27	27	30	30
Outdoor Fan Motor Output	W	34	34	80	80	120	120	120	120	120	120	250	250	250	250

Refrigerant Specifications

Design Pressure	PSI	550 / 340	550 / 340	550 / 340	550 / 340	550 / 340	550 / 340	550 / 340	550 / 340	550 / 340	550 / 340	550 / 340	550 / 340	550 / 340	550 / 340
Refrigerant		R454B	R454B	R454B	R454B	R454B	R454B	R454B	R454B	R454B	R454B	R454B	R454B	R454B	R454B
Outdoor Refrigerant Charge	oz (kg)	51 (1.45)	51 (1.45)	74 (2.1)	74 (2.1)	92 (2.6)	92 (2.6)	92 (2.6)	116 (3.3)	116 (3.3)	116 (3.3)	134 (3.8)	134 (3.8)	134 (3.8)	134 (3.8)
Additional Refrigerant Charge	oz/ft (g/m)	0.7 (65)	0.7 (65)	0.7 (65)	0.7 (65)	0.7 (65)	0.7 (65)	0.7 (65)	0.7 (65)	0.7 (65)	0.7 (65)	0.7 (65)	0.7 (65)	0.7 (65)	0.7 (65)
Outdoor Throttle Type		TXV	TXV	TXV	TXV	TXV	TXV	TXV	TXV	TXV	TXV	TXV	TXV	TXV	TXV
Liquid Line	inch (mm)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)	3/8 (9.52)
Gas Line	inch (mm)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)
Max. Refrigerant Pipe Length	ft (m)	98 (30)	98 (30)	164 (50)	164 (50)	164 (50)	164 (50)	164 (50)	246 (75)	246 (75)	246 (75)	246 (75)	246 (75)	246 (75)	246 (75)
Max. Height Difference (IDU vs ODU)	ft (m)	66 (20)	66 (20)	82 (25)	82 (25)	82 (25)	82 (25)	82 (25)	98.4 (30)	98.4 (30)	98.4 (30)	98.4 (30)	98.4 (30)	98.4 (30)	98.4 (30)
Compressor Type		Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter
Outdoor Refrigerant Oil		VG74	VG74	VG74	VG74	VG74	VG74	VG74	VG74	VG74	VG74	HAF68D1C	HAF68D1C	HAF68D1C	HAF68D1C
Outdoor Refrigerant Oil Charge	mL	440	440	620	620	670	670	670	1000	1000	1000	1800	1800	1800	1800

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18K – 60K BTU

SPECIFICATIONS

Weight and Package Dimensions

Indoor Unit Model		DRUC2414S2A	DRUC2417S2A	DRUC2414S2A	DRUC2417S2A	DRUC3614S2A	DRUC3617S2A	DRUC3621S2A	DRUC3614S2A	DRUC3617S2A	DRUC3621S2A	DRUC6021S2A	DRUC6024S2A	DRUC6021S2A	DRUC6024S2A
Outdoor Unit Model		DRU1U18S2A	DRU1U18S2A	DRU1U24S2A	DRU1U24S2A	DRU1U30S2A	DRU1U30S2A	DRU1U30S2A	DRU1U36S2A	DRU1U36S2A	DRU1U36S2A	DRU1U48S2A	DRU1U48S2A	DRU1U60S2A	DRU1U60S2A
Attribute	Units														
Indoor Unit Net/ Gross weight	lb	42 / 50	42 / 50	42 / 50	42 / 50	57 / 65	57 / 65	59.5 / 68	64 / 74	57 / 65	59.5 / 68	64 / 74	97 / 115	81 / 92	97 / 115
Indoor Unit Net/ Gross weight	kg	19 / 22.5	19 / 22.5	19 / 22.5	19 / 22.5	25.8 / 29.4	27 / 30.9	29.2 / 33.6	25.8 / 29.4	27 / 30.9	29.2 / 33.6	43.9 / 52.2	36.8 / 41.9	43.9 / 52.2	36.8 / 41.9
Indoor Package Dimension (WxDxH)	inch	17-1/2 x 25-3/8 x 20-5/8	20-1/2 x 26-1/8 x 20-7/8	17-1/2 x 25-3/8 x 20-5/8	20-1/2 x 26-1/8 x 20-7/8	17-1/2 x 25-3/8 x 26	20-1/2 x 26-1/8 x 26-3/8	20-1/2 x 26-1/8 x 26-3/8	17-1/2 x 25-3/8 x 26	20-1/2 x 26-1/8 x 26-3/8	20-1/2 x 26-1/8 x 26-3/8	31-1/8 x 25 x 25-5/8	27-3/4 x 26-1/8 x 30-3/8	31-1/8 x 25 x 25-5/8	27-3/4 x 26-1/8 x 30-3/8
Indoor Package Dimension (WxDxH)	mm	445 x 645 x 525	520 x 665 x 530	445 x 645 x 525	520 x 665 x 530	445 x 645 x 660	520 x 665 x 670	610 x 665 x 685	445 x 645 x 660	520 x 665 x 670	610 x 665 x 685	790 x 635 x 650	705 x 665 x 770	790 x 635 x 650	705 x 665 x 770
Outdoor Unit Net/Gross Weight	lb	77 / 84	77 / 84	102 / 109	102 / 109	142 / 152	142 / 152	142 / 152	153 / 164	153 / 164	153 / 164	193 / 224	193 / 224	193 / 224	193 / 224
Outdoor Unit Net/Gross Weight	kg	35 / 38	35 / 38	46.4 / 49.5	46.4 / 49.5	64.3 / 69.1	64.3 / 69.1	64.3 / 69.1	69.5 / 74.2	69.5 / 74.2	69.5 / 74.2	87.5 / 101.7	87.5 / 101.7	87.5 / 101.7	87.5 / 101.7
Outdoor Package Dimension (WxDxH)	inch	36 x 14-9/16 x 24-3/16	36 x 14-9/16 x 24-3/16	39-1/8 x 15-5/8 x 29-1/8	39-1/8 x 15-5/8 x 29-1/8	42-7/8 x 19-5/8 x 34-7/8	42-7/8 x 19-5/8 x 34-7/8	42-7/8 x 19-5/8 x 34-7/8	42-7/8 x 19-5/8 x 34-7/8	42-7/8 x 19-5/8 x 34-7/8	42-7/8 x 19-5/8 x 34-7/8	45-1/16 x 19-11/16 x 42-1/2	45-1/16 x 19-11/16 x 42-1/2	45-1/16 x 19-11/16 x 42-1/2	45-1/16 x 19-11/16 x 42-1/2
Outdoor Package Dimension (WxDxH)	mm	915 x 370 x 615	915 x 370 x 615	995 x 398 x 740	995 x 398 x 740	1090 x 500 x 885	1090 x 500 x 885	1090 x 500 x 885	1090 x 500 x 885	1090 x 500 x 885	1090 x 500 x 885	1145 x 500 x 1080	1145 x 500 x 1080	1145 x 500 x 1080	1145 x 500 x 1080

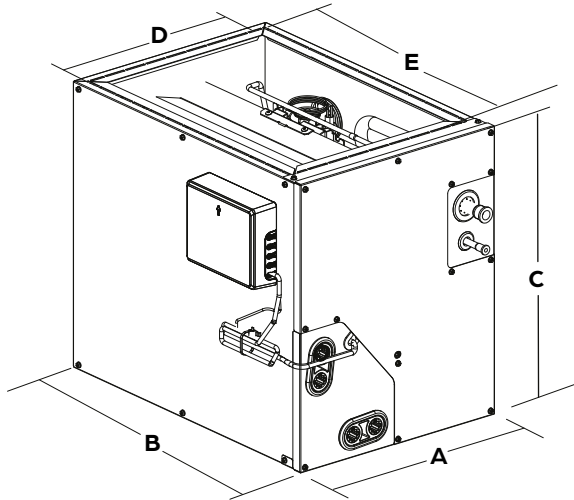
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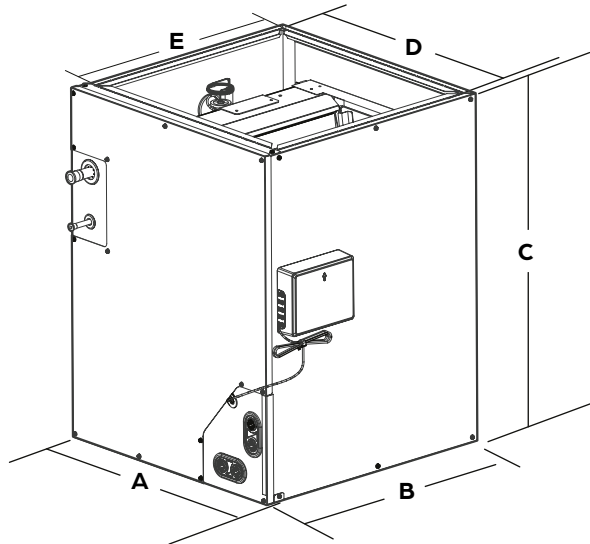
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Indoor Unit Dimensions

Most Models



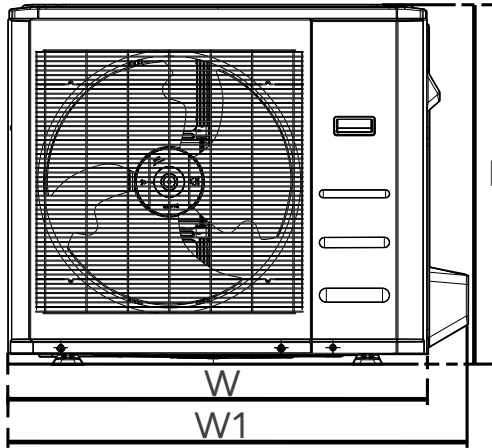
DRUC6021S2A



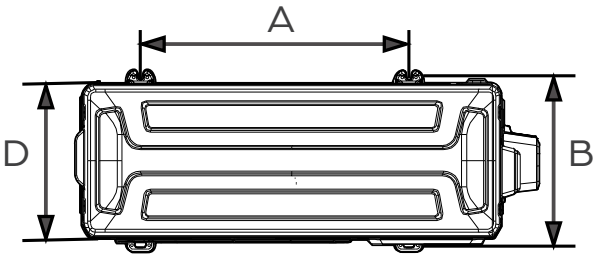
MODEL	LIQUID PIPE in (mm)	SUCTION PIPE in (mm)	DIMENSIONS					NET WEIGHT lbs (kg)
			A (Width) in (mm)	B (Depth) in (mm)	C (Height) in (mm)	D (Supply Width) in (mm)	E (Supply Depth) in (mm)	
DRUC2414S2A	3/8 (9.52)	3/4 (19) ¹	14-1/2 (368)	21 (533)	18 (457)	13-1/4 (336)	18-1/2 (470)	42 (19)
DRUC2417S2A	3/8 (9.52)	3/4 (19)	17-1/2 (445)	21 (533)	18 (457)	16-3/16 (411)	18-1/2 (470)	42 (19)
DRUC3614S2A	3/8 (9.52)	3/4 (19)	14-1/2 (368)	21 (533)	23-5/16 (592)	13-1/4 (336)	18-1/2 (470)	57 (26)
DRUC3617S2A	3/8 (9.52)	3/4 (19)	17-1/2 (445)	21 (533)	23-1/2 (599)	16-3/16 (411)	18-1/2 (470)	60 (27)
DRUC3621S2A	3/8 (9.52)	3/4 (19)	21 (534)	21 (533)	24 (611)	19-3/4 (502)	18-1/2 (470)	64 (29)
DRUC6021S2A	3/8 (9.52)	3/4 (19)	21-1/2 (546)	21-1/2 (549)	28 (711)	19-1/8 (486)	21-1/4 (514)	97 (44)
DRUC6024S2A	3/8 (9.52)	3/4 (19)	24-1/2 (522)	21 (533)	28 (711)	23-1/4 (591)	18-1/2 (470)	81 (37)

¹ The adapter included with the DRU1U18S2A must be used on the outdoor unit to match the coil suction pipe size.

Outdoor Unit Dimensions



Front View

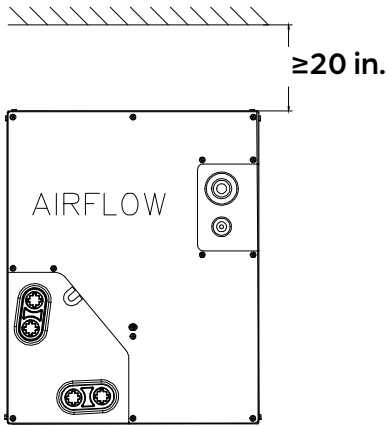


Top View

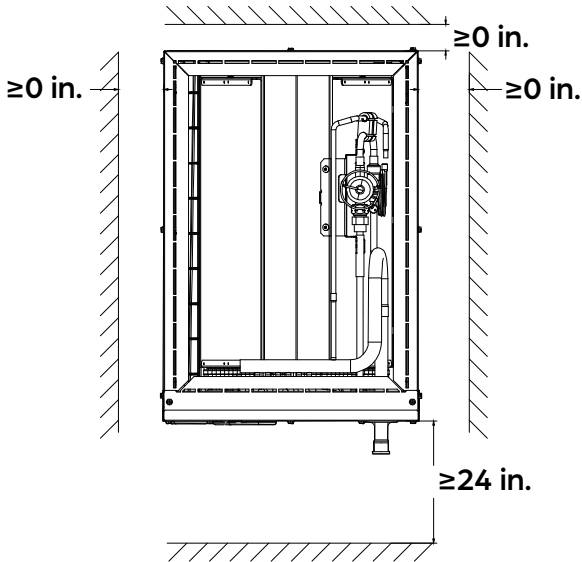
Model	W		W1		H		D		A		B	
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
DRU1U18S2A	31-3/4	805	34-3/8	874	21-3/4	554	13	330	20-1/8	511	12-1/2	317
DRU1U24S2A	35	890	37-5/8	955	26-1/2	673	13-7/16	342	26-1/8	663	13-3/4	348
DRU1U30S2A	37-1/4	946	40-1/2	1030	31-15/16	810	16-3/16	410	26-1/2	673	15-7/8	403
DRU1U36S2A	37-1/4	946	40-1/2	1030	31-15/16	810	16-3/16	410	26-1/2	673	15-7/8	403
DRU1U48S2A	39-1/4	997	42-1/4	1073	38-1/2	977	16-7/8	429	24-1/4	616	15-3/8	391
DRU1U60S2A	39-1/4	997	42-1/4	1073	38-1/2	977	16-7/8	429	24-1/4	616	15-3/8	391

Indoor Unit Clearances

Coil Front View



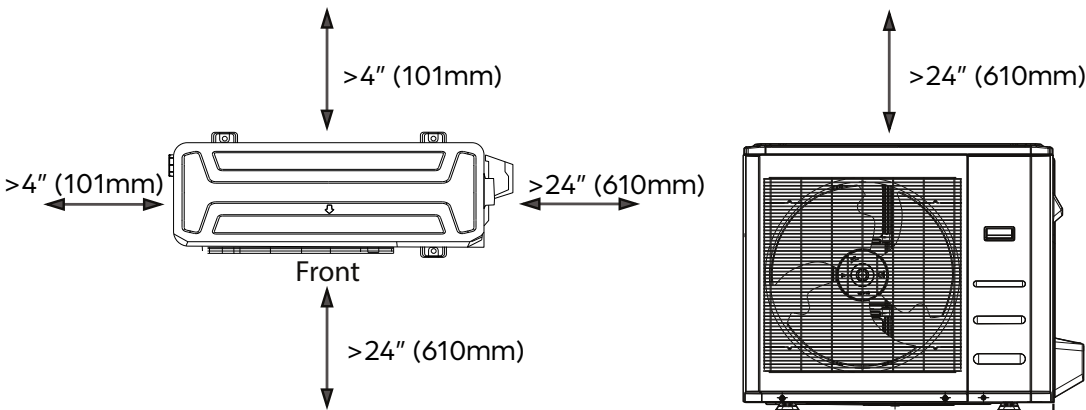
Coil Top View



NOTE

Note that the clearances listed above do not account for the coil interface, which may be mounted in various locations, including the side of the unit or an adjacent wall. Refer to the installation manual as needed.

Outdoor Unit Clearances



NOTE

Illustrations in this document are for explanatory purposes. The actual shape of your equipment may vary slightly.

Airflow Pressure Drop Table

COIL MODEL	PRESSURE DROP (in. w.c.) @ AIRFLOWS (SCFM) IN COOLING														
	0.10	0.16	0.20	0.26	0.30	0.34	0.40	0.44	0.48	0.52	0.56	0.60	0.64	0.68	0.72
DRUC2414S2A	486	640	720	848	919	1008	1075	/	/	/	/	/	/	/	/
DRUC2417S2A	496	671	769	916	998	1102	1178	/	/	/	/	/	/	/	/
DRUC3614S2A	489	639	719	827	889	1008	1159	/	/	/	/	/	/	/	/
DRUC3617S2A	499	670	768	895	968	1079	1215	/	/	/	/	/	/	/	/
DRUC3621S2A	509	701	817	964	1048	1150	1271	/	/	/	/	/	/	/	/
DRUC6021S2A	576	744	834	958	1037	1106	1206	1359	1425	1462	1499	1559	1635	1700	1768
DRUC6024S2A	535	728	812	976	1046	1091	1187	1341	1412	1429	1484	1518	1601	1671	1753

NOTE: Data based on wet coil with air inlet at 80 F DB/ 67 F WB without air filter.

NOTE



Gas furnace heating airflow (CFM) may exceed the design cooling airflow. Ductwork and coil selection must be sized for the greater of the cooling or heating CFM to avoid furnace limit trips, excessive noise, and coil freeze-up.

Airflow Limitations

Install the coil in accordance with the following approximate designed airflow limits:

COIL MODEL	COMPATIBLE OUTDOOR UNIT (TON)	MINIMUM (CFM)	MAXIMUM(CFM)
DRUC2414S2A	1-1/2	525	600
	2	700	800
DRUC2417S2A	1-1/2	525	600
	2	700	800
DRUC3614S2A	2-1/2	875	1000
	3	1050	1200
DRUC3617S2A	2-1/2	875	1000
	3	1050	1200
DRUC3621S2A	2-1/2	875	1000
	3	1050	1200
DRUC6021S2A	3-1/2 – 4	1400	1600
	5	1575	1800
DRUC6024S2A	3-1/2 – 4	1400	1600
	5	1575	1800

WARNING



When these coils are used with any furnace, the furnace must be equipped with blower failure detection and airflow verification. Blower feedback must shut the gas valve within one (1) minute of airflow loss. **These coils are not approved for use with Ultra Low NOx (ULN) furnaces.**

Minimum Furnace Airflow Based On System Refrigerant Charge

Please check the furnace you purchased. The minimum airflow of operating or storage should be as specified in the following table.

M_c [oz/kg]	QH_{min} [CFM/(m ³ /h)]	M_c [oz/kg]	QH_{min} [CFM/(m ³ /h)]	M_c [oz/kg]	QH_{min} [CFM/(m ³ /h)]
49.4/1.4	84/142	162.3/4.6	275/466	275.1/7.8	466/791
56.4/1.6	96/162	169.3/4.8	287/486	282.2/8.0	478/811
63.5/1.8	107/182	176.4/5.0	298/507	289.2/8.2	490/831
70.5/2.0	119/203	183.4/5.2	310/527	296.3/8.4	501/851
77.6/2.2	131/223	190.5/5.4	322/547	303.4/8.6	513/872
84.7/2.4	143/243	197.5/5.6	334/568	310.4/8.8	525/892
91.7/2.6	155/264	204.6/5.8	346/588	317.5/9.0	537/912
98.8/2.8	167/284	211.6/6.0	358/608	324.5/9.2	549/932
105.8/3	179/304	218.7/6.2	370/628	331.6/9.4	561/953
112.9/3.2	191/324	225.8/6.4	382/649	338.6/9.6	573/973
119.9/3.4	203/345	232.8/6.6	394/669	345.7/9.8	585/993
127/3.6	215/365	239.9/6.8	406/689	352.7/10.0	597/1014
134/3.8	227/385	246.9/7.0	418/709	36/10.2	609/1034
141.1/4.0	239/405	254/7.2	430/730	366.8/10.4	621/1054
148.2/4.2	251/426	261/7.4	442/750	373.9/10.6	633/1074
155.2/4.4	263/446	268.1/7.6	454/770	381/10.8	645/1095
Airflow Formula	QH_{min} is the required minimum airflow in CFM/ m³ /h M_c is the actual refrigerant charge in the system in oz/ kg WARNING: Minimum airflow is determined based on the releasable refrigerant charge and the total refrigerant charge of the system. Under full-load cooling conditions, the supply airflow shall not exceed 400 standard cubic feet per minute (SCFM) per ton of rated cooling capacity.				