Low Temperature Application - RUAGP421(H/F)(L/1/2/3/5/7)(N)(R)8E

No	Model Name	(1)	(2)	(3)							(4)	(5)	(6)						(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
		Rated heat output	Seasonal efficiency	Declared capacity for heating/Average climate							Bivalent temperature	Degradation co-effisient	Declared coefficiency of performance for heating/Average Climate						For air-to-water heat pumps:	Heating water operating limit	Electric power input				Capacity control	Sound power level	Rated air flow
		Prated	ηs	Pdh							Tbiv	Cdh	COPd						TOL	WTOL	off mode	standby mode	thermostat-off mode	crankcase heater mode		Lwa	
				Tj=-7℃	Tj=2℃	Tj=7℃	Tj=12℃	Tj=biv	Tj=OL	Tj=-15			Tj=-7℃	Tj=2℃	Tj=7℃	Tj=12℃	Tj=biv	Tj=OL			Poff	Psb	Pto	Pck			
		kW	%	kW	kW	kW	kW	kW	kW	kW	℃								℃	℃	kW	kW	kW	kW		dBA	m^3/h
1	RUAGP421HL8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
2	RUAGP421HLN8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
3	RUAGP421HLR8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
4	RUAGP421HLNR8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
5	RUAGP421H18E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
6	RUAGP421H1N8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
7	RUAGP421H28E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
8	RUAGP421H2N8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
9	RUAGP421H2R8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
10	RUAGP421H2NR8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
11	RUAGP421H38E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
12	RUAGP421H3N8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
13	RUAGP421H3R8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
14	RUAGP421H3NR8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
15	RUAGP421H58E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
16	RUAGP421H5N8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
17	RUAGP421H5R8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
18	RUAGP421H5NR8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
19	RUAGP421H78E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
20	RUAGP421H7N8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
21	RUAGP421H7R8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
22	RUAGP421H7NR8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
23	RUAGP421FL8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
24	RUAGP421FLN8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
25	RUAGP421FLR8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
26	RUAGP421FLNR8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
27	RUAGP421F18E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
28	RUAGP421F1N8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
29	RUAGP421F28E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
30	RUAGP421F2N8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
31	RUAGP421F2R8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
32	RUAGP421F2NR8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
33	RUAGP421F38E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
34	RUAGP421F3N8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
35	RUAGP421F3R8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
36	RUAGP421F3NR8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
37	RUAGP421F58E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
38	RUAGP421F5N8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
39	RUAGP421F5R8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
40	RUAGP421F5NR8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
41	RUAGP421F78E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
42	RUAGP421F7N8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
43	RUAGP421F7R8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800
44	RUAGP421F7NR8E	150	168	103	63.2	40.9	17.5	117	117	-	-10	0.9	3.38	4.3	4.73	5.23	3.07	3.07	-10	55	0.239	-	1.832	0.239	variable	83.8	73,800