Intermediate Temperature Application - RUAGP511(H/F)(L/1/2/3/5/7)(R)8TR

No	Model Name	(1)	(2)	(3)							(4)	(5)	(6)						(7)	(8)	(9)	(10)	(11)		(12)	(13)	(14)	(15)
		Rated heat output	Seasonal efficiency Include internal pump(EN14511) (Note 1)	Declared capacity for heating/Average climate Include internal pump(EN14511) (Note 1)							Bivalent temperature	Degradation co-effisient	Declared coefficiency of performance for heating/Average Climate Include internal pump(EN14511) (Note 1)						For air-to-water heat pumps: Operation limit temperature	Heating water operating limit temperature	Electric power input					Capacity control	Sound power level	Rated air flow
				Pdh									COPd								off mode	standby mode	thermostat-off mode		crankcase heater mode			
		Prated	ηs	Tj=-7℃	Tj=2℃	Tj=7℃	Tj=12℃	Tj=biv	Tj=OL	Tj=-15	Tbiv	Cdh	Tj=-7℃	Tj=2℃	Tj=7℃	Tj=12℃	Tj=biv	Tj=OL	TOL	WTOL	Poff	Psb	Include internal pump(EN14511) (Note 1) Pto		Pck		Lwa	
		kW	%	kW	kW	kW	kW	kW	kW	kW	℃								℃	℃	kW	kW	kW		kW		dBA	m^3/h
1	RUAGP511HL8TR	180	125	120.6	73.4	47.2	21.0	136.3	136.3	-	-10	0.9	2.69	3.31	3.45	3.23	2.49	2.49	-10	55	0.000	0.239	1.452		0.239	variable	90	73,800
2	RUAGP511HLR8TR	180	125	120.6	73.4	47.2	21.0	136.3	136.3	-	-10	0.9	2.69	3.31	3.45	3.23	2.49	2.49	-10	55	0.000	0.239	1.452		0.239	variable	90	73,800
3	RUAGP511H18TR	180	125	120.6	73.4	47.2	21.0	136.3	136.3	-	-10	0.9	2.69	3.31	3.45	3.23	2.49	2.49	-10	55	0.000	0.239	1.452		0.239	variable	90	73,800
4	RUAGP511H28TR	180	125	120.6	73.4	47.2	21.0	136.3	136.3	-	-10	0.9	2.69	3.31	3.45	3.23	2.49	2.49	-10	55	0.000	0.239	1.452		0.239	variable	90	73,800
5	RUAGP511H2R8TR	180	125	120.6	73.4	47.2	21.0	136.3	136.3	-	-10	0.9	2.69	3.31	3.45	3.23	2.49	2.49	-10	55	0.000	0.239	1.452		0.239	variable	90	73,800
6	RUAGP511H38TR	180	125	120.6	73.4	47.2	21.0	136.3	136.3	-	-10	0.9	2.69	3.31	3.45	3.23	2.49	2.49	-10	55	0.000	0.239	1.452		0.239	variable	90	73,800
7	RUAGP511H3R8TR	180	125	120.6	73.4	47.2	21.0	136.3	136.3	-	-10	0.9	2.69	3.31	3.45	3.23	2.49	2.49	-10	55	0.000	0.239	1.452		0.239	variable	90	73,800
8	RUAGP511H58TR	180	125	120.6	73.4	47.2	21.0	136.3	136.3	-	-10	0.9	2.69	3.31	3.45	3.23	2.49	2.49	-10	55	0.000	0.239	1.452		0.239	variable	90	73,800
9	RUAGP511H5R8TR	180	125	120.6	73.4	47.2	21.0	136.3	136.3	-	-10	0.9	2.69	3.31	3.45	3.23	2.49	2.49	-10	55	0.000	0.239	1.452		0.239	variable	90	73,800
10	RUAGP511H78TR	180	125	120.6	73.4	47.2	21.0	136.3	136.3	-	-10	0.9	2.69	3.31	3.45	3.23	2.49	2.49	-10	55	0.000	0.239	1.452		0.239	variable	90	73,800
11	RUAGP511H7R8TR	180	125	120.6	73.4	47.2	21.0	136.3	136.3	-	-10	0.9	2.69	3.31	3.45	3.23	2.49	2.49	-10	55	0.000	0.239	1.452		0.239	variable	90	73,800
12	RUAGP511FL8TR	200	122	143.7	87.4	56.3	25.0	162.4	162.4	-	-10	0.9	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	90	73,800
13	RUAGP511FLR8TR	200	122	143.7	87.4	56.3	25.0	162.4	162.4	-	-10	0.9	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	90	73,800
14	RUAGP511F18TR	200	122	143.7	87.4	56.3	25.0	162.4	162.4	-	-10	0.9	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	90	73,800
15	RUAGP511F28TR	200	122	143.7	87.4	56.3	25.0	162.4	162.4	-	-10	0.9	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	90	73,800
16	RUAGP511F2R8TR	200	122	143.7	87.4	56.3	25.0	162.4	162.4	-	-10	0.9	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	90	73,800
17	RUAGP511F38TR	200	122	143.7	87.4	56.3	25.0	162.4	162.4	-	-10	0.9	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	90	73,800
18	RUAGP511F3R8TR	200	122	143.7	87.4	56.3	25.0	162.4	162.4	-	-10	0.9	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	90	73,800
19	RUAGP511F58TR	200	122	143.7	87.4	56.3	25.0	162.4	162.4	-	-10	0.9	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	90	73,800
20	RUAGP511F5R8TR	200	122	143.7	87.4	56.3	25.0	162.4	162.4	-	-10	0.9	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	90	73,800
21	RUAGP511F78TR	200	122	143.7	87.4	56.3	25.0	162.4	162.4	-	-10	0.9	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	90	73,800
22	RUAGP511F7R8TR	200	122	143.7	87.4	56.3	25.0	162.4	162.4	-	-10	0.9	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	90	73,800

(NOTE 1) Capacities and performance values are based on EN14511. The hydraulic power is determined with an external pressure of 0 Pa.

(NOTE 2) This unit is certified in the Eurovent Certita Certification programme only at 400V, 3-phase, 50 Hz supply conditions.

(NOTE 3) The certified standard performances and the certified selection software version can be verified in www.eurovent-certification.com/.

(NOTE 4) This unit is certified in the LCPHP Programme of Eurovent Certita Certification, with its allowed component options as per the TCR document in force at all the conditions with a fouling factor of 0 m2K/kW (except ISEER) and with no antifreeze solution (except MT andLT Process Chiller applications when certified).

Intermediate Temperature Application - RUAGP511(H/F)(L/1/2/3/5/7)N(R)8TR

No	Model Name	(1)	(2)	(3)							(4)	(5)	(6)						(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
		Rated heat output	Seasonal efficiency Include internal pump(EN14511) (Note 1)	Declared capacity for heating/Average climate Include internal pump(EN14511) (Note 1) Pdh							Bivalent temperature	Degradation co-effisient	Declared coefficiency of performance for heating/Average Climate Include internal pump(EN14511) (Note 1) COPd						For air-to-water heat pumps: Operation limit temperature	Heating water operating limit temperature	Electric power input				Capacity control	Sound power level	Rated air flow
		Prated	ηs	Tj=-7℃	Tj=2℃	Tj=7℃	Tj=12℃	Tj=biv	Tj=OL	Tj=-15	Tbiv	Cdh	Tj=-7℃	Tj=2℃	Tj=7℃	Tj=12℃	Tj=biv	Tj=OL	TOL	WTOL	off mode	standby mode	thermostat-off mode Include internal pump(EN14511) (Note 1)	crankcase heater mode		Lwa	
		kW	%	kW	kW	kW	kW	kW	kW	kW	℃								℃	℃	Poff	Psb	Pto	Pck		dBA	m^3/h
1	RUAGP511HLN8TR	180	125	120.6	73.4	47.2	21.0	136.3	136.3	-	-10	0.9	2.69	3.31	3.45	3.23	2.49	2.49	-10	55	0.000	0.239	1.452	0.239	variable	90	73,800
2	RUAGP511HLNR8TR	180	125	120.6	73.4	47.2	21.0	136.3	136.3	-	-10	0.9	2.69	3.31	3.45	3.23	2.49	2.49	-10	55	0.000	0.239	1.452	0.239	variable	90	73,800
3	RUAGP511H1N8TR	180	125	120.6	73.4	47.2	21.0	136.3	136.3	-	-10	0.9	2.69	3.31	3.45	3.23	2.49	2.49	-10	55	0.000	0.239	1.452	0.239	variable	90	73,800
4	RUAGP511H2N8TR	180	125	120.6	73.4	47.2	21.0	136.3	136.3	-	-10	0.9	2.69	3.31	3.45	3.23	2.49	2.49	-10	55	0.000	0.239	1.452	0.239	variable	90	73,800
5	RUAGP511H2NR8TR	180	125	120.6	73.4	47.2	21.0	136.3	136.3	-	-10	0.9	2.69	3.31	3.45	3.23	2.49	2.49	-10	55	0.000	0.239	1.452	0.239	variable	90	73,800
6	RUAGP511H3N8TR	180	125	120.6	73.4	47.2	21.0	136.3	136.3	-	-10	0.9	2.69	3.31	3.45	3.23	2.49	2.49	-10	55	0.000	0.239	1.452	0.239	variable	90	73,800
7	RUAGP511H3NR8TR	180	125	120.6	73.4	47.2	21.0	136.3	136.3	-	-10	0.9	2.69	3.31	3.45	3.23	2.49	2.49	-10	55	0.000	0.239	1.452	0.239	variable	90	73,800
8	RUAGP511H5N8TR	180	125	120.6	73.4	47.2	21.0	136.3	136.3	-	-10	0.9	2.69	3.31	3.45	3.23	2.49	2.49	-10	55	0.000	0.239	1.452	0.239	variable	90	73,800
9	RUAGP511H5NR8TR	180	125	120.6	73.4	47.2	21.0	136.3	136.3	-	-10	0.9	2.69	3.31	3.45	3.23	2.49	2.49	-10	55	0.000	0.239	1.452	0.239	variable	90	73,800
10	RUAGP511H7N8TR	180	125	120.6	73.4	47.2	21.0	136.3	136.3	-	-10	0.9	2.69	3.31	3.45	3.23	2.49	2.49	-10	55	0.000	0.239	1.452	0.239	variable	90	73,800
11	RUAGP511H7NR8TR	180	125	120.6	73.4	47.2	21.0	136.3	136.3	-	-10	0.9	2.69	3.31	3.45	3.23	2.49	2.49	-10	55	0.000	0.239	1.452	0.239	variable	90	73,800
12	RUAGP511FLN8TR	200	122	143.7	87.4	56.3	25.0	162.4	162.4	-	-10	0.9	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.799	0.239	variable	90	73,800
13	RUAGP511FLNR8TR	200	122	143.7	87.4	56.3	25.0	162.4	162.4	-	-10	0.9	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.799	0.239	variable	90	73,800
14	RUAGP511F1N8TR	200	122	143.7	87.4	56.3	25.0	162.4	162.4	-	-10	0.9	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.799	0.239	variable	90	73,800
15	RUAGP511F2N8TR	200	122	143.7	87.4	56.3	25.0	162.4	162.4	-	-10	0.9	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.799	0.239	variable	90	73,800
16	RUAGP511F2NR8TR	200	122	143.7	87.4	56.3	25.0	162.4	162.4	-	-10	0.9	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.799	0.239	variable	90	73,800
17	RUAGP511F3N8TR	200	122	143.7	87.4	56.3	25.0	162.4	162.4	-	-10	0.9	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.799	0.239	variable	90	73,800
18	RUAGP511F3NR8TR	200	122	143.7	87.4	56.3	25.0	162.4	162.4	-	-10	0.9	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.799	0.239	variable	90	73,800
19	RUAGP511F5N8TR	200	122	143.7	87.4	56.3	25.0	162.4	162.4	-	-10	0.9	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.799	0.239	variable	90	73,800
20	RUAGP511F5NR8TR	200	122	143.7	87.4	56.3	25.0	162.4	162.4	-	-10	0.9	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.799	0.239	variable	90	73,800
21	RUAGP511F7N8TR	200	122	143.7	87.4	56.3	25.0	162.4	162.4	-	-10	0.9	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.799	0.239	variable	90	73,800
22	RUAGP511F7NR8TR	200	122	143.7	87.4	56.3	25.0	162.4	162.4	-	-10	0.9	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.799	0.239	variable	90	73,800

(NOTE 1) Capacities and performance values are based on EN14511. The hydraulic power is determined with an external pressure of 0 Pa.

Low Temperature Application - RUAGP511(H/F)(L/1/2/3/5/7)(N)(R)8TR

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: Operation limit temperature	Heating water operating limit temperature	off mode	standby mode	Electric power input			crankcase heater mode	Capacity control	Sound power level	Rated air flow
			Not include internal pump	Include internal pump(EN14511) (Note 1)	Not include internal pump Pdh						Include internal pump(EN14511) (Note 1) Pdh										Not include internal pump COPd						Include internal pump(EN14511) (Note 1) COPd																	
		Prated	ηs	ηs	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	Tj=-15	Tbiv	Cdh	Tj=-7℃	Tj=2℃	Tj=7℃	Tj=12℃	Tj=biv	Tj=OL	Tj=-7℃	Tj=2℃	Tj=7℃	Tj=12℃	Tj=biv	Tj=OL	TOL	WTOL	Poff	Psb	Not include internal pump Pto	Include internal pump(EN14511) (Note 1) Pto	Pck		Lwa	Rated air flow
		kW	%	%	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	℃														℃	℃	kW	kW	kW	kW	kW		dBA	m^3/h
1	RUAGP511HL8TR	180	171	157	122	74.5	48.3	20.7	138	138	-	122.8	74.7	48.1	21.3	138.8	138.8	-	-10	0.9	3.30	4.41	4.88	5.47	2.99	2.99	3.20	4.13	4.33	4.18	2.92	2.92	-10	55	0.000	0.239	1.832	1.452	0.239	variable	90	73,800
2	RUAGP511HL8TR	180	171	157	122	74.5	48.3	20.7	138	138	-	122.8	74.7	48.1	21.3	138.8	138.8	-	-10	0.9	3.30	4.41	4.88	5.47	2.99	2.99	3.20	4.13	4.33	4.18	2.92	2.92	-10	55	0.000	0.239	1.832	1.452	0.239	variable	90	73,800
3	RUAGP511HL8TR	180	171	157	122	74.5	48.3	20.7	138	138	-	122.8	74.7	48.1	21.3	138.8	138.8	-	-10	0.9	3.30	4.41	4.88	5.47	2.99	2.99	3.20	4.13	4.33	4.18	2.92	2.92	-10	55	0.000	0.239	1.832	1.452	0.239	variable	90	73,800
4	RUAGP511HLNR8TR	180	171	157	122	74.5	48.3	20.7	138	138	-	122.8	74.7	48.1	21.3	138.8	138.8	-	-10	0.9	3.30	4.41	4.88	5.47	2.99	2.99	3.20	4.13	4.33	4.18	2.92	2.92	-10	55	0.000	0.239	1.832	1.452	0.239	variable	90	73,800
5	RUAGP511H18TR	180	171	157	122	74.5	48.3	20.7	138	138	-	122.8	74.7	48.1	21.3	138.8	138.8	-	-10	0.9	3.30	4.41	4.88	5.47	2.99	2.99	3.20	4.13	4.33	4.18	2.92	2.92	-10	55	0.000	0.239	1.832	1.452	0.239	variable	90	73,800
6	RUAGP511H1N8TR	180	171	157	122	74.5	48.3	20.7	138	138	-	122.8	74.7	48.1	21.3	138.8	138.8	-	-10	0.9	3.30	4.41	4.88	5.47	2.99	2.99	3.20	4.13	4.33	4.18	2.92	2.92	-10	55	0.000	0.239	1.832	1.452	0.239	variable	90	73,800
7	RUAGP511H28TR	180	171	157	122	74.5	48.3	20.7	138	138	-	122.8	74.7	48.1	21.3	138.8	138.8	-	-10	0.9	3.30	4.41	4.88	5.47	2.99	2.99	3.20	4.13	4.33	4.18	2.92	2.92	-10	55	0.000	0.239	1.832	1.452	0.239	variable	90	73,800
8	RUAGP511H2N8TR	180	171	157	122	74.5	48.3	20.7	138	138	-	122.8	74.7	48.1	21.3	138.8	138.8	-	-10	0.9	3.30	4.41	4.88	5.47	2.99	2.99	3.20	4.13	4.33	4.18	2.92	2.92	-10	55	0.000	0.239	1.832	1.452	0.239	variable	90	73,800
9	RUAGP511H2R8TR	180	171	157	122	74.5	48.3	20.7	138	138	-	122.8	74.7	48.1	21.3	138.8	138.8	-	-10	0.9	3.30	4.41	4.88	5.47	2.99	2.99	3.20	4.13	4.33	4.18	2.92	2.92	-10	55	0.000	0.239	1.832	1.452	0.239	variable	90	73,800
10	RUAGP511H2NR8TR	180	171	157	122	74.5	48.3	20.7	138	138	-	122.8	74.7	48.1	21.3	138.8	138.8	-	-10	0.9	3.30	4.41	4.88	5.47	2.99	2.99	3.20	4.13	4.33	4.18	2.92	2.92	-10	55	0.000	0.239	1.832	1.452	0.239	variable	90	73,800
11	RUAGP511H38TR	180	171	157	122	74.5	48.3	20.7	138	138	-	122.8	74.7	48.1	21.3	138.8	138.8	-	-10	0.9	3.30	4.41	4.88	5.47	2.99	2.99	3.20	4.13	4.33	4.18	2.92	2.92	-10	55	0.000	0.239	1.832	1.452	0.239	variable	90	73,800
12	RUAGP511H3N8TR	180	171	157	122	74.5	48.3	20.7	138	138	-	122.8	74.7	48.1	21.3	138.8	138.8	-	-10	0.9	3.30	4.41	4.88	5.47	2.99	2.99	3.20	4.13	4.33	4.18	2.92	2.92	-10	55	0.000	0.239	1.832	1.452	0.239	variable	90	73,800
13	RUAGP511H3R8TR	180	171	157	122	74.5	48.3	20.7	138	138	-	122.8	74.7	48.1	21.3	138.8	138.8	-	-10	0.9	3.30	4.41	4.88	5.47	2.99	2.99	3.20	4.13	4.33	4.18	2.92	2.92	-10	55	0.000	0.239	1.832	1.452	0.239	variable	90	73,800
14	RUAGP511H3NR8TR	180	171	157	122	74.5	48.3	20.7	138	138	-	122.8	74.7	48.1	21.3	138.8	138.8	-	-10	0.9	3.30	4.41	4.88	5.47	2.99	2.99	3.20	4.13	4.33	4.18	2.92	2.92	-10	55	0.000	0.239	1.832	1.452	0.239	variable	90	73,800
15	RUAGP511H5S8TR	180	171	157	122	74.5	48.3	20.7	138	138	-	122.8	74.7	48.1	21.3	138.8	138.8	-	-10	0.9	3.30	4.41	4.88	5.47	2.99	2.99	3.20	4.13	4.33	4.18	2.92	2.92	-10	55	0.000	0.239	1.832	1.452	0.239	variable	90	73,800
16	RUAGP511H5N8TR	180	171	157	122	74.5	48.3	20.7	138	138	-	122.8	74.7	48.1	21.3	138.8	138.8	-	-10	0.9	3.30	4.41	4.88	5.47	2.99	2.99	3.20	4.13	4.33	4.18	2.92	2.92	-10	55	0.000	0.239	1.832	1.452	0.239	variable	90	73,800
17	RUAGP511H5R8TR	180	171	157	122	74.5	48.3	20.7	138	138	-	122.8	74.7	48.1	21.3	138.8	138.8	-	-10	0.9	3.30	4.41	4.88	5.47	2.99	2.99	3.20	4.13	4.33	4.18	2.92	2.92	-10	55	0.000	0.239	1.832	1.452	0.239	variable	90	73,800
18	RUAGP511H5NR8TR	180	171	157	122	74.5	48.3	20.7	138	138	-	122.8	74.7	48.1	21.3	138.8	138.8	-	-10	0.9	3.30	4.41	4.88	5.47	2.99	2.99	3.20	4.13	4.33	4.18	2.92	2.92	-10	55	0.000	0.239	1.832	1.452	0.239	variable	90	73,800
19	RUAGP511H78TR	180	171	157	122	74.5	48.3	20.7	138	138	-	122.8	74.7	48.1	21.3	138.8	138.8	-	-10	0.9	3.30	4.41	4.88	5.47	2.99	2.99	3.20	4.13	4.33	4.18	2.92	2.92	-10	55	0.000	0.239	1.832	1.452	0.239	variable	90	73,800
20	RUAGP511H7N8TR	180	171	157	122	74.5	48.3	20.7	138	138	-	122.8	74.7	48.1	21.3	138.8	138.8	-	-10	0.9	3.30	4.41	4.88	5.47	2.99	2.99	3.04	3.97	4.27	4.15	2.74	2.74	-10	55	0.000	0.239	1.832	1.452	0.239	variable	90	73,800
21	RUAGP511H7R8TR	180	171	157	122	74.5	48.3	20.7	138	138	-	122.8	74.7	48.1	21.3	138.8	138.8	-	-10	0.9	3.30	4.41	4.88	5.47	2.99	2.99	3.04	3.97	4.27	4.15	2.74	2.74	-10	55	0.000	0.239	1.832	1.452	0.239	variable	90	73,800
22	RUAGP511H7NR8TR	180	171	157	122	74.5	48.3	20.7	138	138	-	122.8	74.7	48.1	21.3	138.8	138.8	-	-10	0.9	3.30	4.41	4.88	5.47	2.99	2.99	3.04	3.97	4.27	4.15	2.74	2.74	-10	55	0.000	0.239	1.832	1.452	0.239	variable	90	73,800
23	RUAGP511FL8TR	200	166	152	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.15	4.24	4.84	5.49	2.80	2.80	3.04	3.97	4.27	4.15	2.74	2.74	-10	55	0.000	0.239	1.832	1.799	0.239	variable	90	73,800
24	RUAGP511FLN8TR	200	166	152	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.15	4.24	4.84	5.49	2.80	2.80	3.04	3.97	4.27	4.15	2.74	2.74	-10	55	0.000	0.239	1.832	1.799	0.239	variable	90	73,800
25	RUAGP511FL8TR	200	166	152	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.15	4.24	4.84	5.49	2.80	2.80	3.04	3.97	4.27	4.15	2.74	2.74	-10	55	0.000	0.239	1.832	1.799	0.239	variable	90	73,800
26	RUAGP511FLNR8TR	200	166	152	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.15	4.24	4.84	5.49	2.80	2.80	3.04	3.97	4.27	4.15	2.74	2.74	-10	55	0.000	0.239	1.832	1.799	0.239	variable	90	73,800
27	RUAGP511F18TR	200	166	152	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.15	4.24	4.84	5.49	2.80	2.80	3.04	3.97	4.27	4.15	2.74	2.74	-10	55	0.000	0.239	1.832	1.799	0.239	variable	90	73,800
28	RUAGP511F1N8TR	200	166	152	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.15	4.24	4.84	5.49	2.80	2.80	3.04	3.97	4.27	4.15	2.74	2.74	-10	55	0.000	0.239	1.832	1.799	0.239	variable	90	73,800
29	RUAGP511F28TR	200	166	152	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.15	4.24	4.84	5.49	2.80	2.80	3.04	3.97	4.27	4.15	2.74	2.74	-10	55	0.000	0.239	1.832	1.799	0.239	variable	90	73,800
30	RUAGP511F2N8TR	200	166	152	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.15	4.24	4.84	5.49	2.80	2.80	3.04	3.97	4.27	4.15	2.74	2.74	-10	55	0.000	0.239	1.832	1.799	0.239	variable	90	73,800
31	RUAGP511F2R8TR	200	166	152	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.15	4.24	4.84	5.49	2.80	2.80	3.04	3.97	4.27	4.15	2.74	2.74	-10	55	0.000	0.239	1.832	1.799	0.239	variable	90	73,800
32	RUAGP511F2NR8TR	200	166	152	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.15	4.24	4.84	5.49	2.80	2.80	3.04	3.97	4.27	4.15	2.74	2.74	-10	55	0.000	0.239	1.832	1.799	0.239	variable	90	73,800
33	RUAGP511F38TR	200	166	152	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.15	4.24	4.84	5.49	2.80	2.80	3.04	3.97	4.27	4.15	2.74	2.74	-10	55	0.000	0.239	1.832	1.799	0.239	variable	90	73,800
34	RUAGP511F3N8TR	200	166	152	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.15	4.24	4.84	5.49	2.80	2.80	3.04	3.97	4.27	4.15	2.74	2.74	-10	55	0.000	0.239	1.832	1.799	0.239	variable	90	73,800
35	RUAGP511F3R8TR	200	166	152	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.15	4.24	4.84	5.49	2.80	2.80	3.04	3.97	4.27	4.15	2.74	2.74	-10	55	0.000	0.239	1.832	1.799	0.239	variable	90	73,800
36	RUAGP511F3NR8TR	200	166	152	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.15	4.24	4.84	5.49	2.80	2.80	3.04	3.97	4.27	4.15	2.74	2.74	-10	55	0.000	0.239	1.832	1.799	0.239	variable	90	73,800
37	RUAGP511F58TR	200	166	152	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.15	4.24	4.84	5.49	2.80	2.80	3.04	3.97	4.27	4.15	2.74	2.74	-10	55	0.000	0.239	1.832	1.799	0.239	variable	90	73,800
38	RUAGP511F5N8TR	200	166	152	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.15	4.24	4.84	5.49	2.80	2.80	3.04	3.97	4.27	4.15	2.74	2.74	-10	55	0.000	0.239	1.832	1.799	0.239	variable	90	73,800
39	RUAGP511F5R8TR	200	166	152	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.15	4.24	4.84	5.49	2.80	2.80	3.04	3.97	4.27	4.15	2.74	2.74	-10	55	0.000	0.239	1.832	1.799	0.239	variable	90	73,800
40	RUAGP511F5NR8TR	200	166	152	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.15	4.24	4.84	5.49	2.80	2.80	3.04	3.97	4.27	4.15	2.74	2.74	-10	55	0.000	0.239	1.832	1.799	0.239	variable	90	73,800
41	RUAGP511F78TR	200	166	152	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.15	4.24	4.84	5.49	2.80	2.80	3.04	3.97	4.27	4.15	2.74	2.74	-10	55	0.000	0.239	1.832	1.799	0.239	variable	90	73,800
42	RUAGP511F7N8TR	200	166	152	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.15	4.24	4.84	5.49	2.80	2.80	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.832	1.799	0.239	variable	90	73,800
43	RUAGP511F7R8TR	200	166	152	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.15	4.24	4.84	5.49	2.80	2.80	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.832	1.799	0.239	variable	90	73,800
44	RUAGP511F7NR8TR	200	166	152	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.15	4.24	4.84	5.49	2.80	2.80	2.64	3.20	3.37	3.21	2.39	2.39	-10	55	0.000	0.239	1.832	1.799	0.239	variable	90	73,800

(NOTE 1) Capacities and performance values are based on EN14511. The hydraulic power is determined with an external pressure of 0 Pa.