Intermediate Temperature Application - RUAGP561H(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	RUAGP561HL8TR	200	123	147.4	89.7	57.7	25.6	166.6	166.6	-	-10	0.9	2.64	3.26	3.37	3.24	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	93	73,800
2	RUAGP561HLR8TR	200	123	147.4	89.7	57.7	25.6	166.6	166.6	-	-10	0.9	2.64	3.26	3.37	3.24	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	93	73,800
3	RUAGP561H28TR	200	123	147.4	89.7	57.7	25.6	166.6	166.6	-	-10	0.9	2.64	3.26	3.37	3.24	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	93	73,800
4	RUAGP561H38TR	200	123	147.4	89.7	57.7	25.6	166.6	166.6	-	-10	0.9	2.64	3.26	3.37	3.24	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	93	73,800
5	RUAGP561H3R8TR	200	123	147.4	89.7	57.7	25.6	166.6	166.6	-	-10	0.9	2.64	3.26	3.37	3.24	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	93	73,800
6	RUAGP561H58TR	200	123	147.4	89.7	57.7	25.6	166.6	166.6	-	-10	0.9	2.64	3.26	3.37	3.24	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	93	73,800
7	RUAGP561H5R8TR	200	123	147.4	89.7	57.7	25.6	166.6	166.6	-	-10	0.9	2.64	3.26	3.37	3.24	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	93	73,800
8	RUAGP561H78TR	200	123	147.4	89.7	57.7	25.6	166.6	166.6	-	-10	0.9	2.64	3.26	3.37	3.24	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	93	73,800
9	RUAGP561H7R8TR	200	123	147.4	89.7	57.7	25.6	166.6	166.6	-	-10	0.9	2.64	3.26	3.37	3.24	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	93	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 - RUAGP561H(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)							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	RUAGP561HLN8TR	200	123	147.4	89.7	57.7	25.6	166.6	166.6	-	-10	0.9	2.64	3.26	3.37	3.24	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	93	73,800
2	RUAGP561HLNR8TR	200	123	147.4	89.7	57.7	25.6	166.6	166.6	-	-10	0.9	2.64	3.26	3.37	3.24	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	93	73,800
3	RUAGP561H2N8TR	200	123	147.4	89.7	57.7	25.6	166.6	166.6	-	-10	0.9	2.64	3.26	3.37	3.24	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	93	73,800
4	RUAGP561H3N8TR	200	123	147.4	89.7	57.7	25.6	166.6	166.6	-	-10	0.9	2.64	3.26	3.37	3.24	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	93	73,800
5	RUAGP561H3NR8TR	200	123	147.4	89.7	57.7	25.6	166.6	166.6	-	-10	0.9	2.64	3.26	3.37	3.24	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	93	73,800
6	RUAGP561H5N8TR	200	123	147.4	89.7	57.7	25.6	166.6	166.6	-	-10	0.9	2.64	3.26	3.37	3.24	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	93	73,800
7	RUAGP561H5NR8TR	200	123	147.4	89.7	57.7	25.6	166.6	166.6	-	-10	0.9	2.64	3.26	3.37	3.24	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	93	73,800
8	RUAGP561H7N8TR	200	123	147.4	89.7	57.7	25.6	166.6	166.6	-	-10	0.9	2.64	3.26	3.37	3.24	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	93	73,800
9	RUAGP561H7NR8TR	200	123	147.4	89.7	57.7	25.6	166.6	166.6	-	-10	0.9	2.64	3.26	3.37	3.24	2.39	2.39	-10	55	0.000	0.239	1.799		0.239	variable	93	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 - RUAGP561H(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						Include internal pump(EN14511) (Note 1)									Not include internal pump						Include internal pump(EN14511) (Note 1)										thermostat-off mode					
					Pdh						Pdh									COPd						COPd										Not include internal pump	Include internal pump(EN14511) (Note 1)					
		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	Pto	Pto	Pck		Lwa	
		kW	%	%	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	℃		Tj=-7℃	Tj=2℃	Tj=7℃	Tj=12℃	Tj=biv	Tj=OL	Tj=-7℃	Tj=2℃	Tj=7℃	Tj=12℃	Tj=biv	Tj=OL	℃	℃	kW	kW	kW	kW	kW		dBA	m^3/h
1	RUAGP561HL8TR	200	168	153	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.18	4.33	4.84	5.49	2.82	2.82	3.07	4.03	4.27	4.15	2.75	2.75	-10	55	0.000	0.239	1.832	1.799	0.239	variable	93	73,800
2	RUAGP561HLN8TR	200	168	153	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.18	4.33	4.84	5.49	2.82	2.82	3.07	4.03	4.27	4.15	2.75	2.75	-10	55	0.000	0.239	1.832	1.799	0.239	variable	93	73,800
3	RUAGP561HL8STR	200	168	153	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.18	4.33	4.84	5.49	2.82	2.82	3.07	4.03	4.27	4.15	2.75	2.75	-10	55	0.000	0.239	1.832	1.799	0.239	variable	93	73,800
4	RUAGP561HLNR8TR	200	168	153	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.18	4.33	4.84	5.49	2.82	2.82	3.07	4.03	4.27	4.15	2.75	2.75	-10	55	0.000	0.239	1.832	1.799	0.239	variable	93	73,800
5	RUAGP561H28TR	200	168	153	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.18	4.33	4.84	5.49	2.82	2.82	3.07	4.03	4.27	4.15	2.75	2.75	-10	55	0.000	0.239	1.832	1.799	0.239	variable	93	73,800
6	RUAGP561H2N8TR	200	168	153	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.18	4.33	4.84	5.49	2.82	2.82	3.07	4.03	4.27	4.15	2.75	2.75	-10	55	0.000	0.239	1.832	1.799	0.239	variable	93	73,800
7	RUAGP561H38TR	200	168	153	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.18	4.33	4.84	5.49	2.82	2.82	3.07	4.03	4.27	4.15	2.75	2.75	-10	55	0.000	0.239	1.832	1.799	0.239	variable	93	73,800
8	RUAGP561H3N8TR	200	168	153	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.18	4.33	4.84	5.49	2.82	2.82	3.07	4.03	4.27	4.15	2.75	2.75	-10	55	0.000	0.239	1.832	1.799	0.239	variable	93	73,800
9	RUAGP561H3R8TR	200	168	153	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.18	4.33	4.84	5.49	2.82	2.82	3.07	4.03	4.27	4.15	2.75	2.75	-10	55	0.000	0.239	1.832	1.799	0.239	variable	93	73,800
10	RUAGP561H3NR8TR	200	168	153	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.18	4.33	4.84	5.49	2.82	2.82	3.07	4.03	4.27	4.15	2.75	2.75	-10	55	0.000	0.239	1.832	1.799	0.239	variable	93	73,800
11	RUAGP561H58TR	200	168	153	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.18	4.33	4.84	5.49	2.82	2.82	3.07	4.03	4.27	4.15	2.75	2.75	-10	55	0.000	0.239	1.832	1.799	0.239	variable	93	73,800
12	RUAGP561H5N8TR	200	168	153	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.18	4.33	4.84	5.49	2.82	2.82	3.07	4.03	4.27	4.15	2.75	2.75	-10	55	0.000	0.239	1.832	1.799	0.239	variable	93	73,800
13	RUAGP561H5R8TR	200	168	153	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.18	4.33	4.84	5.49	2.82	2.82	3.07	4.03	4.27	4.15	2.75	2.75	-10	55	0.000	0.239	1.832	1.799	0.239	variable	93	73,800
14	RUAGP561H5NR8TR	200	168	153	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.18	4.33	4.84	5.49	2.82	2.82	3.07	4.03	4.27	4.15	2.75	2.75	-10	55	0.000	0.239	1.832	1.799	0.239	variable	93	73,800
15	RUAGP561H78TR	200	168	153	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.18	4.33	4.84	5.49	2.82	2.82	3.07	4.03	4.27	4.15	2.75	2.75	-10	55	0.000	0.239	1.832	1.799	0.239	variable	93	73,800
16	RUAGP561H7N8TR	200	168	153	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.18	4.33	4.84	5.49	2.82	2.82	3.07	4.03	4.27	4.15	2.75	2.75	-10	55	0.000	0.239	1.832	1.799	0.239	variable	93	73,800
17	RUAGP561H7R8TR	200	168	153	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.18	4.33	4.84	5.49	2.82	2.82	3.07	4.03	4.27	4.15	2.75	2.75	-10	55	0.000	0.239	1.832	1.799	0.239	variable	93	73,800
18	RUAGP561H7NR8TR	200	168	153	154	94.5	61.2	26.3	175	175	-	155.1	94.4	60.7	27.0	175.4	175.4	-	-10	0.9	3.18	4.33	4.84	5.49	2.82	2.82	3.07	4.03	4.27	4.15	2.75	2.75	-10	55	0.000	0.239	1.832	1.799	0.239	variable	93	73,800

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