Intermediate Temperature Application - RUAGP561H(L/1/2/3/5/7)(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 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
		Prated	ηs	Pdh							Tbiv	Cdh	COPd						TOL	WTOL	off mode Poff	standby mode Psb	thermostat-off mode Include internal pump(EN14511) (Note 1) Pto		crankcase heater mode Pck		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										
		kW	%	kW	kW	kW	kW	kW	kW	kW	℃								℃	℃	kW	kW	kW		kW		dBA	m^3/h
1	RUAGP561HL8E	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	RUAGP561HLR8E	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	RUAGP561H28E	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	RUAGP561H38E	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	RUAGP561H3R8E	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	RUAGP561H58E	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	RUAGP561H5R8E	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	RUAGP561H78E	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	RUAGP561H7R8E	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)8E

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	RUAGP561HLN8E	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	RUAGP561HLNR8E	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	RUAGP561H2N8E	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	RUAGP561H3N8E	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	RUAGP561H3NR8E	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	RUAGP561H5N8E	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	RUAGP561H5NR8E	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	RUAGP561H7N8E	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	RUAGP561H7NR8E	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)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: 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	RUAGP561HL8E	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	RUAGP561HLN8E	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	RUAGP561HLR8E	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	RUAGP561HLNR8E	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	RUAGP561H28E	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	RUAGP561H2N8E	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	RUAGP561H38E	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	RUAGP561H3N8E	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	RUAGP561H3R8E	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	RUAGP561H3NR8E	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	RUAGP561H5E	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	RUAGP561H5N8E	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	RUAGP561H5R8E	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	RUAGP561H5NR8E	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	RUAGP561H7E	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	RUAGP561H7N8E	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	RUAGP561H7R8E	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	RUAGP561H7NR8E	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.