

## BIOMA PORTFOLIO

### Fixed Speed - LOW TEMPERATURE

Model	R452A		R449A		Max Absorb. Power (kW)	Dimensions (mm)			Weight	I max	Fan		Liquid receiver	Connections (SAE)		S.P. 10m
	CAP (kW)		CAP (kW)			Height	Length	Width			Net (kg)	(A)		Nr.	Airflow (m3/h)	
	-35°C	-30°C	-35°C	-30°C					-10°C							
<b>Compressor 230V - 1ph - 50Hz / Fan 230V - 1ph - 50Hz</b>																
UP-NT2180GK	0.49	0.63	-	-	0.99	600	982	484	69	8.7	1	1695	1.6	1/2	1/4	29
UP-NT2192GK	0.52	0.68	-	-	1.06	600	982	484	69	8.5	1	1695	1.6	1/2	3/8	29
UP-NT2212GK	0.69	0.90	-	-	1.32	600	982	484	69	9.6	1	1523	2.3	1/2	3/8	29
UP-SE2006GK	1.18	1.46	1.21	1.51	1.68	708	1082	490	92	11.4	1	2673	3.9	3/4	3/8	33
UP-SE2008GK	1.47	1.82	1.53	1.90	2.20	708	1082	490	92	14.3	1	2673	3.9	3/4	3/8	33
UP-SE2010GK	1.70	2.10	1.77	2.19	2.63	708	1082	490	92	16.7	1	2673	3.9	3/4	3/8	33
<b>Compressor 400V - 3ph - 50Hz / Fan 230V - 1ph - 50Hz</b>																
UP-NJX2219GS	1.02	1.34	-	-	1.91	708	1082	490	88	4.4	1	2673	1.6	1/2	3/8	34
UP-SE2006GS	1.18	1.46	1.21	1.51	1.67	708	1082	490	92	4.7	1	2673	3.9	3/4	3/8	33
UP-SE2008GS	1.47	1.82	1.53	1.90	2.16	708	1082	490	92	5.8	1	2673	3.9	3/4	3/8	33
UP-SE2010GS	1.70	2.10	1.77	2.20	2.56	708	1082	490	92	6.7	1	2673	3.9	3/4	3/8	33
UP-SE2012GS	2.29	2.84	2.36	2.94	3.17	1005	1277	538	107	8.5	1	5195	6.0	7/8	1/2	36
UP-SE2014GS	2.65	3.28	2.74	3.41	3.42	1005	1277	538	107	9.4	1	5195	6.0	7/8	1/2	36
UP-SE2017GS	3.10	3.83	3.22	3.99	4.00	1005	1277	538	107	10.7	1	5195	6.0	7/8	1/2	36
UP-SE2020GS	3.57	4.41	3.73	4.61	4.75	1005	1277	538	107	12.3	1	5195	6.0	7/8	1/2	36

Ambient Temp. 32°C, Superheating 10K

### Fixed Speed - MEDIUM TEMPERATURE

Model	R452A		R449A		Max Absorb. Power (kW)	Dimensions (mm)			Weight	I max	Fan		Liquid receiver	Connections (SAE)		S.P. 10m
	CAP (kW)		CAP (kW)			Height	Length	Width			Net (kg)	(A)		Nr.	Airflow (m3/h)	
	-10°C	0°C	-10°C	0°C					+10°C							
<b>Compressor 230V - 1ph - 50Hz / Fan 230V - 1ph - 50Hz</b>																
UP-NEU6212GK	0.83	1.21	0.81	1.21	0.61	600	982	484	67	5.3	1	1695	1.6	3/8	1/4	28
UP-NEU6215GK	1.10	1.57	1.09	1.59	0.84	600	982	484	67	6.7	1	1695	1.6	3/8	1/4	28
UP-NT6222GK	1.32	1.87	1.31	1.90	1.12	600	982	484	69	8.5	1	1695	1.6	1/2	3/8	29
UP-NT6224GK	1.67	2.42	1.63	2.40	1.23	600	982	484	69	9.0	1	1523	2.3	1/2	3/8	29
UP-NT6226GK	1.81	2.62	1.80	2.66	1.34	600	982	484	69	10.3	1	1523	2.3	1/2	1/4	29
UP-NJ9232GK	1.93	2.86	2.04	3.07	1.56	600	982	484	76	10.3	1	1523	2.3	5/8	3/8	30
UP-NTU6238GKV	2.24	3.20	2.27	3.29	1.52	600	982	484	76	16.7	1	1523	2.3	5/8	3/8	30
UP-SE6015GK	3.57	5.08	3.73	5.21	2.56	708	1082	490	92	14.3	1	2673	3.9	5/8	1/2	33
UP-SE6018GK	4.26	6.05	4.45	6.21	2.98	708	1082	490	92	16.6	1	2545	3.9	3/4	1/2	33
UP-SE6021GK	4.74	6.69	4.96	6.89	3.42	708	1082	490	92	18.4	1	2545	3.9	3/4	1/2	33
<b>Compressor 400V - 3ph - 50Hz / Fan 230V - 1ph - 50Hz</b>																
UP-NJ9232GS	2.04	3.05	2.04	3.07	1.61	600	982	484	76	4.2	1	1523	2.3	5/8	3/8	30
UP-NJ9238GS	2.46	3.51	2.48	3.57	1.94	600	982	484	76	4.4	1	1523	2.3	5/8	3/8	30
UP-NJX6250GS	3.26	4.61	3.27	4.72	2.48	708	1082	490	92	6.0	1	2673	3.9	5/8	3/8	34
UP-SE6015GS	3.58	5.08	3.73	5.22	2.51	708	1082	490	92	5.7	1	2673	3.9	3/4	1/2	33
UP-SE6018GS	4.27	6.07	4.46	6.22	2.83	708	1082	490	92	6.3	1	2545	3.9	3/4	1/2	33
UP-SE6021GS	4.76	6.71	4.98	6.91	3.23	708	1082	490	92	7.0	1	2545	3.9	3/4	1/2	33
UP-SE6026GS	6.28	8.97	6.53	9.18	3.86	1005	1277	538	107	8.5	1	5195	6.0	7/8	5/8	36
UP-SE6030GS	6.99	9.95	7.30	10.20	4.34	1005	1277	538	107	9.9	1	5195	6.0	7/8	5/8	36
UP-SE6036GS	8.73	12.46	9.08	12.74	5.05	1005	1277	538	107	11.7	1	4739	6.0	7/8	5/8	36