

Parameters of Mr. Silence 30+											
Model		MSRC110	MSRC120	MSRC150	MSRC180	MSRC210	MSRC230	MSRC290	MSRC350	MSRC350s	MSRC430s
Operating air temperature (°C)		-20°C~43°C									
Advised pool volume (m3) *		20-35	25-45	30~55	35~65	40-75	45~80	60~90	66~110	66~110	75~120
Gas		R290									
PERFORMANCE CONDITION: Air 27°C/ Water 27°C/ Humid. 80%											
Turbo Mode (130%)	Heating capacity (kW)	10.5	12.2	15.0	18.2	20.6	23.2	28.7	35.0	35.0	42.5
Perfect Mode	Heating capacity (kW)	8.2	9.7	12.0	14.2	16.3	18.5	22.0	26.4	26.5	33.0
	COP	21.4~8.3	21.7~8.6	21.8~8.4	22.0~8.6	21.9~8.7	22.0~8.4	21.8~8.7	21.6~8.3	21.4~8.5	21.3~8.3
Average COP		15.6	15.7	15.8	16.2	15.9	16.2	15.9	15.7	15.5	15.4
PERFORMANCE CONDITION: Air 15°C/ Water 26°C/ Humid. 70%											
Turbo Mode (130%)	Heating capacity (kW)	7.2	8.5	10.5	12.4	14.4	16.0	20.0	23.6	23.4	30.3
Perfect Mode	Heating capacity (kW)	5.8	6.9	8.4	10.0	11.5	12.7	15.5	19.0	19.0	24.0
	COP	8.9~5.9	9.1~5.8	9.2~6.1	9.8~6.1	9.1~6.0	9.8~6.2	9.6~6.0	9.3~6.0	8.9~5.9	8.8~5.8
Average COP		7.5	7.5	7.9	8.1	7.8	8.3	7.9	7.8	7.5	7.4
PERFORMANCE CONDITION: Air 35°C/ Water 28°C/ Humid. 80%											
Cooling capacity (kW)		4.5	5.3	6.5	7.8	9.2	10.1	12.7	15.2	15.2	19.4
TECHNICAL SPECIFICATIONS											
Casing		Aluminum-alloy Casing									
Power supply		220-240V~/1Ph /50Hz							380-415V 3N~,50Hz		
Rated input power (kW)		0.18~1.47	0.21~1.77	0.25~2.10	0.28~2.34	0.35~2.94	0.38~3.14	0.48~4.00	0.56~4.63	0.57~4.78	0.76~6.31
Input power at 50% speed (kW)		0.48	0.57	0.66	0.77	0.92	0.96	1.27	1.51	1.56	2.05
Rated input current (A)		0.78~6.39	0.91~7.70	1.09~9.13	1.22~10.17	1.52~12.78	1.65~13.65	2.09~17.39	2.43~20.13	0.83~6.93	1.10~9.14
Sound level at 1m dB(A) (20%~100%)		36.0~41.7	36.1~42.5	36.3~43.8	37.0~45.4	37.6~46.1	37.7~46.8	37.9~48.3	38.2~48.7	38.3~48.7	38.8~49.2
Sound level 50% at 1m dB(A)		36.4	36.6	38.4	40.1	40.5	41.0	41.3	43.0	43.1	43.6
Sound level at 10 m dB(A) (20%~100%)		16.0~21.7	16.1~22.5	16.3~23.8	17.0~25.4	17.6~26.1	17.7~26.8	17.9~28.3	18.2~28.7	18.3~28.7	18.8~29.2
Advised water flux (m³/h)		2~4	2~4	3~4	4~6	5~7	6~9	8~10	10~12	10~12	12~18
Water connection (mm)		50mm/48.3mm									
Net dimension LxWxH (mm)			1044*499*655	1116*499*655		1189*504*757					
Net Weight (kg)			83	91		110					
Maximum input current (A)		8	10	12.5		16					
breaker rated current (A)		10	12	15		19					
Power cord (mm²)		3×1.5	3×2.5	3×2.5		3×2.5					
R290 Gas Weight (g)		750	750	950		1150					
CO2 Equivalent(Tonnes)		0.0023	0.0023	0.0029		0.0035					
Gross Weight (kg)			93	103		123					
Packaging dimension LxWxH (mm)(By rail)											
Packaging dimension LxWxH (mm)		1115*555*685 (estimated)	1115*555*685	1190*555*685	1195*560*785 (estimated)	1260*560*785	1315*560*975 (estimated)	1315*560*975 (estimated)	TBC		