

SPECIFICATIONS OF INVERTERMAX-SILENT PRO

Model	InverterMax-Silent Pro 13	InverterMax-Silent Pro 15	InverterMax-Silent Pro 17	InverterMax-Silent Pro 21	InverterMax-Silent Pro 28	InverterMax-Silent Pro 28T	InverterMax-Silent Pro 35T
Advised pool volume (m ³)	30-55	35-65	40-75	50-95	65-120	65-120	90-160
Operating air temperature (°C)				-7~43			
Performance Condition: Air 26°C, Water 26°C, Humidity 80%							
Heating capacity (kW)	12.8	15.0	17.3	20.4	27.3	27.0	35.6
COP	15.0~7.4	15.5~6.7	14.8~5.9	14.5~5.7	14.6~6.2	14.5~6.2	14.6~5.5
COP at 50% capacity	11.0	10.9	10.5	10.2	10.8	10.8	10.3
Performance Condition: Air 15°C, Water 26°C, Humidity 70%							
Heating capacity (kW)	8.9	10.5	11.4	14.0	18.0	18.0	24.0
COP	7.7~4.8	7.8~4.6	7.5~4.3	7.4~4.2	7.8~4.6	7.6~4.5	7.7~4.5
COP at 50% capacity	6.8	6.6	6.1	6.1	6.5	6.5	6.8
Sound pressure at 1m dB(A)	42.1~50.7	41.3~54.0	43.1~53.8	40.9~54.2	43.5~54.9	43.5~54.9	42.6~54.7
Sound pressure of 50% capacity at 1m dB(A)	45.7	46.0	46.5	46.4	48.4	48.4	45.8
Sound pressure at 10m dB(A)	22.1~30.7	21.3~34.0	23.1~33.8	20.9~34.2	23.5~34.9	23.5~34.9	22.6~34.7
Compressor	Twin-rotary Mitsubishi DC inverter						
Heat exchanger	Spiral titanium tube in PVC						
Casing	Aluminium-alloy Casing						
Power supply	230V/1 Ph/50Hz			400V/3 Ph/50Hz			
Rated input power at air 15°C (kW)	0.22~1.73	0.27~2.2	0.3~2.6	0.38~3.3	0.57~3.8	0.53~3.9	0.62~5.2
Rated input current at air 15°C (A)	0.96~7.52	1.17~9.6	1.3~11.3	1.65~14.3	2.48~16.5	0.76~5.6	0.89~7.4
Advised water flux (m ³ /h)	4~6	5~7	6.5~8.5	8~10	10~12	10~12	12~18
Water pipe in-out size (mm)	48.3						
Net dimension LxWxH (mm)	961x340x658	961x340x658	961x420x658	961x420x758	1092x420x958	1092x420x958	1161x550x958
Net Weight (kg)	50	52	63	68	90	93	120
Qty per 20 FT / 40HQ (sets)	90/198	90/198	78/165	52/165	48/104	48/104	34/72