

## SILENCE SERIES (Residential) SPECS

Model	180130	180131	180132	180133
Applied pool volume (m <sup>3</sup> )	20~35	30~45	40~65	50~75
Operating air temperature (°C)	0~43			
Performance Condition: Air 26°C / Water 26°C / Humidity 80%				
Heating capacity (kW)	7.5	10	13.5	17.5
C.O.P	6.7	6.6	7	6.7
Performance Condition: Air 15°C / Water 26°C / Humidity 70%				
Heating capacity (kW)	4.8	6.6	9.9	11.4
C.O.P	4.52	4.64	4.78	4.68
Rated input power (kW)	1.1	1.4	2.1	2.4
Rated input current (A)	5.0	6.5	9.5	11.4
Power supply	230V/1Ph/50Hz			
Advised water flux (m <sup>3</sup> /h)	3-4	4-6	5-7	6.5-8.5
Sound pressure 1 m dB(A)	47.1	47.8	51.7	54.4
Sound pressure 10 m dB(A)	27.1	27.8	31.7	34.4
Heat exchanger	Titanium in PVC			
Casing	ABS Casing			
Water pipe in-out spec (mm)	50			
Net weight / Gross weight (Kg)	42/49	55/63	70/80	75/84
Net dimension - LxWxH (mm)	800x312x558	961x312x658	961x392x658	961x392x758
Qty per 20'FT / 40'HQ (sets)	108/304	90/198	78/165	52/165

\* The data at Air 15°C / Water 26°C / Humidity 70% is in accordance with the European standard EN14511 and the Technical Directive DTP No.10 of F.P.P., France.

\* The sound pressure was certified by CVC according to the European standard EN 12102.

\* The values indicated are valid under ideal conditions: Pool covered with an isothermal cover, filtration system running at least 15 hours a day.

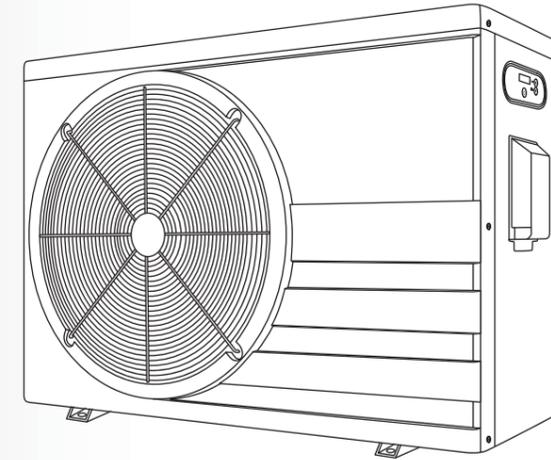
\* Above data is subject to modification without notice.



## SWIMMING POOL HEAT PUMP

— SILENCE SERIES (Residential)

Randersvej 6, 6700 Esbjerg



### UNIQUE HP-BOOSTER TECHNOLOGY

Silence series HP adopts HP-Booster technology which ensures highest COP among traditional HPs ( up to 5.0 at Air 15°C/ Water 26°C/ Humidity 70%).



HP-Booster technology is Fairland's original designed technology to increase the overall performance of pool heat pump, it permits very precise & flexible gas flow to adapt to fluctuation of different ambient temperature. The gas flow adjustment range is 10 times more than Tx- valve/capillary designs, so the COP is more than 20% higher than normal HPs in the market.

### WHY SILENCE SERIES (Residential)?



**The most efficient On/Off HP in the market**

HP- BOOSTER Technology is the most efficient technology to heat up your pool



**Super quiet with total insulated compressor**

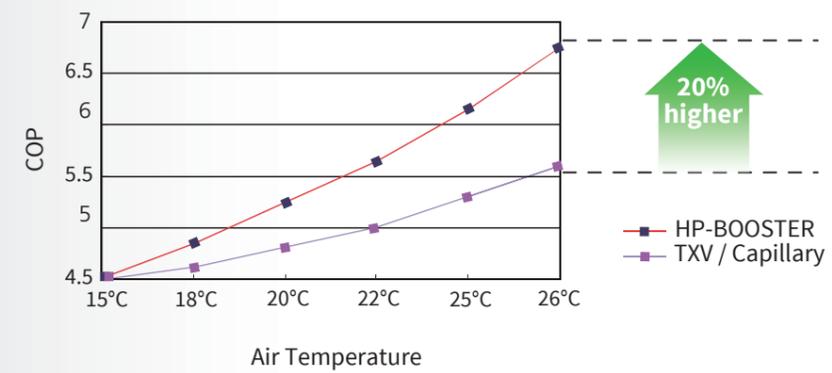
3-5dB(A) quieter than normal On/Off HPs



**Simple out-looking**

Hidden screws on front casing

COP Comparison



### PRODUCT FEATURES

0°C plus running



Strong corrosion Free plastic casing



Hot gas defrosting By saginomiya 4-way valve



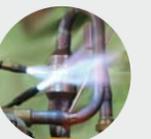
50% longer in length 50% more efficient in performance



Digital controller



Silver welding ensures high integrity of the gas piping system



Environmentally friendly R410a gas

