

Technical submittal

HRU

1 No. Externally mounted AHU, Model **HRRSL950EC/STK**, to pass 1.8m³/s @ 200Pa, supply and extract; in a stacked configuration (access side TBC)

Unit comprises:

Supply –

- Inlet Cowl
- Pre-filter
 - Grade F7
- Counterflow Heat Exchanger
 - Approx 84% efficient @ duty
- Direct Driven backward curved impellor
 - 3.4kW EC motor, 3Ph EC motor, FLC 5.60A

Sound Power Spectrum –

Centre Frequency Hz	63	125	250	500	1k	2k	4k	8k
Fan Inlet PWL dB	79	79	71	66	64	64	59	51
Fan Outlet PWL dB	80	82	76	74	72	69	64	59

Extract –

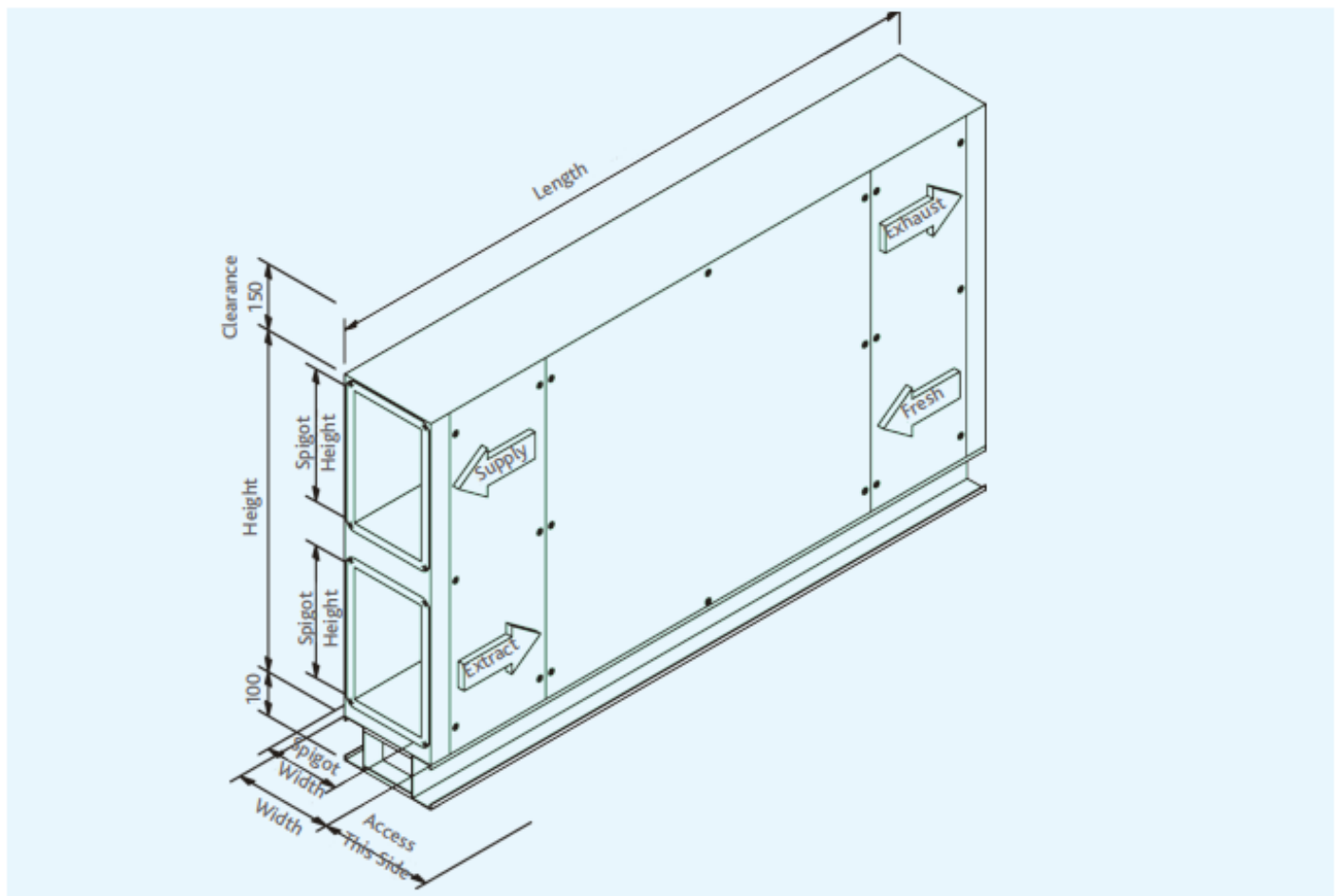
- Pre-filter
 - Grade M5
- Direct Driven backward curved impellor
 - 3.4kW EC motor, 3Ph EC motor, FLC 5.60A
- Counterflow Heat Exchanger
 - Fitted open/close face/bypass damper motor
 - Fitted drain tray
- Discharge Cowl

Construction style: Double skinned panel style

- Outer Skin: Plastisol Coated sheet steel
- Inner Skin: Galvanised sheet steel
- Panel thickness: 25mm
- Panel infill: Rockwool slab
- Unit SFP = <1.2W/l/s @ duty
- Unit breakout 42dB(A) @3m hemi-spherical freefield

Approx dimensions: 3650mm (l) x 950mm (w) x 2850mm (h)

Unit weight: 1870kg



Model	Height	Width	Length	Spigot Width	Spigot Height	Filter Access*	Weight kg internal	Weight kg external
HRPSL250EC	775	225	1450	175	300	275	118	130
HRPSL310EC	955	285	1575	235	375	335	163	179
HRPSL350EC	1075	325	1650	275	425	375	200	220
HRPSL390EC	1195	365	1800	315	500	390	249	273
HRPSL470EC	1435	445	2175	400	600	495	418	459
HRPSL560EC	1705	535	2425	485	725	585	636	700
HRPSL650EC	1950	650	2750	590	850	700	735	780
HRPSL800EC	2400	800	3100	740	1075	850	1093	1162
HRPSL950EC	2850	950	3650	890	1300	1000	1771	1867
HRPSL1100EC	3300	1100	3950	1040	1500	1150	2691	2817