

SCHEDULE NO. 07 – HEAT RECOVERY UNITS

Manufacturer: Provided by Integral

Ref	Area served	Supply Air flow rate (m3/s)	Supply Fan External Resistance (Pa)	Extract Air flow rate (m3/s)	Extract Fan External Resistance (Pa)	Location	Product Code	Dimensions (LxWxH)	RAL
HRU/00/01	Office Y7	0.024	70	0.024	70	Internal	TBC	TBC	Standard
<u>HRU/00/02</u>	<u>Office SLT 4</u>	<u>0.084</u>	<u>90</u>	<u>0.084</u>	<u>90</u>	<u>Internal</u>	<u>TBC</u>	<u>TBC</u>	<u>Standard</u>
HRU/00/03	Level o Reception Area	0.096	100	0.080	90	Internal	TBC	TBC	Standard
HRU/00/04	Female Changing Area	0.315	<u>135</u>	0.405	<u>180</u>	Internal	TBC	TBC	Standard
HRU/00/05	Male Changing Area	0.260	<u>130</u>	0.353	206	Internal	TBC	TBC	Standard

Ref	Area served	Supply Air flow rate (m3/s)	Supply Fan External Resistance (Pa)	Extract Air flow rate (m3/s)	Extract Fan External Resistance (Pa)	Location	Product Code	Dimensions (LxWxH)	RAL
HRU/00/06	Dining Area	0.424	145	0.381	120	Internal	TBC	TBC	Standard
HRU/00/07	Dining Area	0.424	145	0.381	120	Internal	TBC	TBC	Standard
HRU/01/01	Drama Studio	0.256	185	0.256	170	Internal	TBC	TBC	Standard
HRU/01/02	L1 Office SLT1 and Intervention	0.060	85	0.060	90	Internal	TBC	TBC	Standard
HRU/02/01	L1 Office SLT2 and Intervention	0.060	95	0.060	90	Internal	TBC	TBC	Standard
HRU/RF/01	General	1.042	190	1.066	195	Internal	TBC	TBC	Standard
HRU/RF/02	General	0.600	170	0.600	145	Internal	TBC	TBC	Standard

Ref	Area served	Supply Air flow rate (m3/s)	Supply Fan External Resistance (Pa)	Extract Air flow rate (m3/s)	Extract Fan External Resistance (Pa)	Location	Product Code	Dimensions (LxWxH)	RAL
HRU/RF/03	General	0.288	260	0.208	180	Internal	TBC	TBC	Standard

Description:	Packaged heat recovery unit with variable speed supply and extract fans, integral heat exchange unit (plate heat exchanger with summer bypass, minimum 70% heat recovery) and supply and extract filters.
Location:	Units to be internally located exposed at high level on level 1.
Specific Fan Power:	SFP for each unit not to exceed 1.6 W/l/s
Supply filter:	G4 grade intake filter
Extract filter:	G4 grade prior to heat exchanger
Electrical Requirements:	230V / 50Hz - TBC by manufacturer
Controls:	All heat recovery units to be supplied with on board manufacturers controls to operate to maximise heat recovery efficiency, to ensure a maintained supply condition of 18°C.