

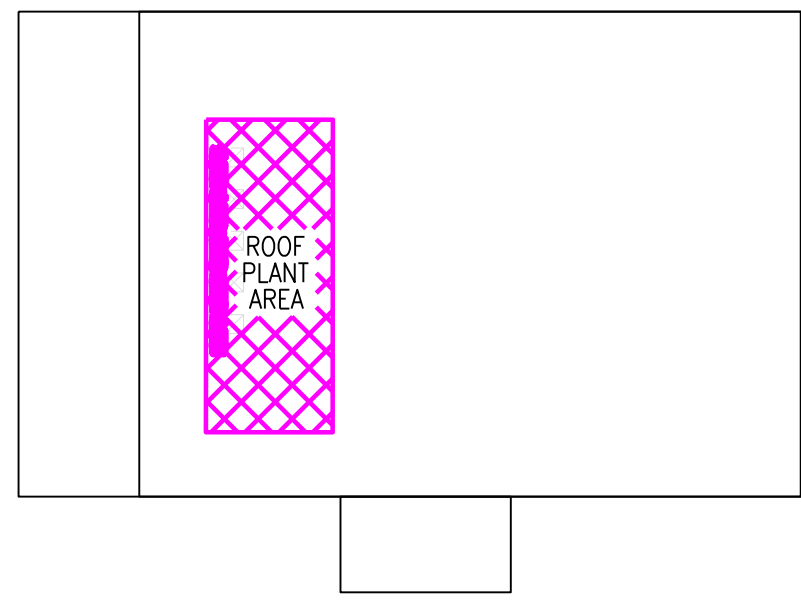
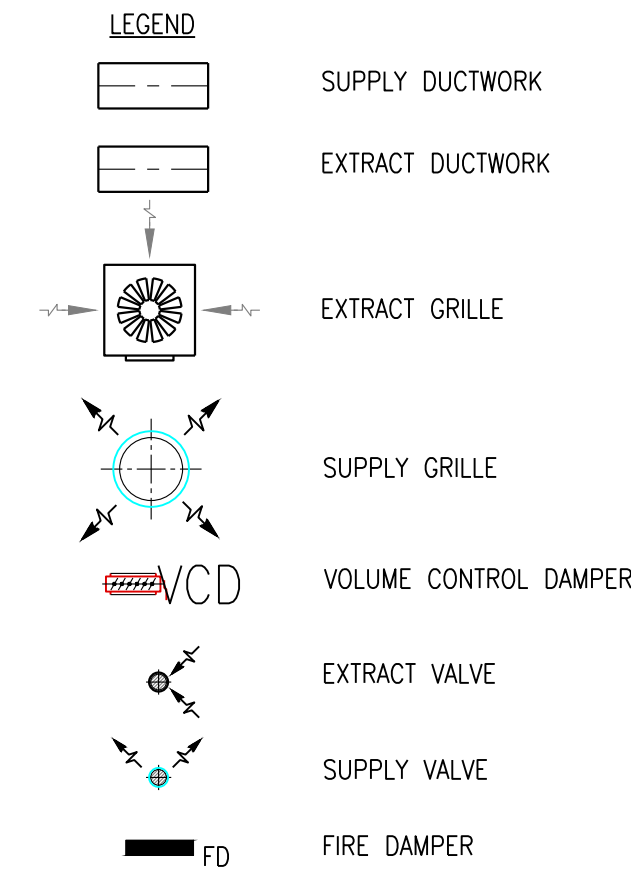
REF	HRU01
SYSTEM	SUPPLY AND EXTRACT
LOCATION	PLANT DECK
LENGTH	1900mm
WIDTH	1650mm
HEIGHT	620mm
FAN-TYPE	HEAT RECOVERY AIR HANDLING UNIT
INVERTER	YES
SPARE-MOTORS	TBC
SUPPLY-VOLUME	430l/s
STATIC-PRESSURE	200Pa
EXTRACT-VOLUME	430l/s
STATIC-PRESSURE(1)	200Pa
PART-L2-MAX-SFP	1.8w/l/s
FIRE-RATED	NO
ATTENUATORS	SEE OTHER SCHEDULE
NOISE	dba
HEAT-RECOVERY	YES
HEAT-RECOVERY-EFFICIENCY	80%
DAMPERS	NO
CONTROLS	LOCAL CONTROL PANEL
WEIGHT	kg
FILTERS	F7 BAG FILTER (SUPPLY, G4 PANEL PRE-FILTER) (EXTRACT)
PRE-HEAT-COIL	YES
ON-COIL	-5degC
OFF-COIL	5degC
KW-RATING	5KW
COOLING-COIL	NO
ON-COIL(1)	N/A
OFF-COIL(1)	N/A
KW-RATING(1)	N/A
HTG-F/R	ELECTRIC
CHW-F/R	N/A
HUMIDIFIER	NO

REFEREN CE	AIR-VOLU ME	AREA-SERVED	GRILLE-TYPE	SPIG OT	PLENUM-BOX	OPTIONS	MAX-P RESSUR E	THRO W	TERMI NAL-VE LOCITY	MAX-N R	SYSTE M
EV00/001	0.08	TOILETS	AIR VALVE	125	<>	<>	<>	<>	<>	<>	<>
EV00/002	0.08	TOILETS	AIR VALVE	125	<>	<>	<>	<>	<>	<>	<>
EV00/003	0.012	TOILETS (DDA)	AIR VALVE	125	<>	<>	<>	<>	<>	<>	<>
EV00/004	0.08	TOILETS	AIR VALVE	125	<>	<>	<>	<>	<>	<>	<>
EV00/005	0.012	STORE	AIR VALVE	125	<>	<>	<>	<>	<>	<>	<>
EG00/001	0.143	KITCHEN	LOUVRED 4 WAY	250	TOP ENTRY PLENUM BOX	NECK REDUCING PLATE TO SUIT AIR VOLUME	30Pa	2m	0.25m/s	NR35	EXTRACT
EG00/002	0.143	KITCHEN	LOUVRED 4 WAY	250	TOP ENTRY PLENUM BOX	NECK REDUCING PLATE TO SUIT AIR VOLUME	30Pa	2m	0.25m/s	NR35	EXTRACT
EG00/003	0.143	KITCHEN	LOUVRED 4 WAY	250	TOP ENTRY PLENUM BOX	NECK REDUCING PLATE TO SUIT AIR VOLUME	30Pa	2m	0.25m/s	NR35	EXTRACT
SG00/001	0.108	FRONT OF HOUSE RESTAURANT	SWIRL DIFFUSER	250	SIDE ENTRY PLENUM BOX	PAINTED BLACK TO MATCH SERVICES	30Pa	3m	0.25m/s	NR35	SUPPLY
SG00/002	0.108	FRONT OF HOUSE RESTAURANT	SWIRL DIFFUSER	250	SIDE ENTRY PLENUM BOX	PAINTED BLACK TO MATCH SERVICES	30Pa	3m	0.25m/s	NR35	SUPPLY
SG00/003	0.108	FRONT OF HOUSE RESTAURANT	SWIRL DIFFUSER	250	SIDE ENTRY PLENUM BOX	PAINTED BLACK TO MATCH SERVICES	30Pa	3m	0.25m/s	NR35	SUPPLY
SG00/004	0.108	FRONT OF HOUSE RESTAURANT	SWIRL DIFFUSER	250	SIDE ENTRY PLENUM BOX	PAINTED BLACK TO MATCH SERVICES	30Pa	3m	0.25m/s	NR35	SUPPLY

REFEREN CE	PLANT-SERV ED	DUCT-SI ZE	SYSTE M	AIR-VOLU ME	AREA-SERV ED	REQUIRED-NR-RATI NG	LENGTH
ATT/00/001	HRU	355dia	EXHAUST	0.43	MAIN	NR40	TO BE DECIDED BY MANUFACTURER
ATT/00/004	HRU	355dia	SUPPLY	0.43	MAIN	NR40	TO BE DECIDED BY MANUFACTURER
ATT/00/003	HRU	355dia	EXHAUST	0.43	MAIN	NR40	TO BE DECIDED BY MANUFACTURER
ATT/00/002	HRU	355dia	SUPPLY	0.43	MAIN	NR40	TO BE DECIDED BY MANUFACTURER

REF	EF00/01
DEMAND	36l/s
PRESSURE-DROP	150pa
WEIGHT	TBC
LENGTH	TBC
WIDTH	TBC
DEPTH	TBC
SPIGOT-SIZE	150dia
INPUT-POWER	TBC
LOCATION	TOILETS
SYSTEM	EXTRACT
FAN-TYPE	IN-LINE
INVERTER	YES
SPARE-MOTORS	NO
MAX-SFP	0.5W/L/S
FIRE-RATED	NO
ATTENUATORS	YES, ROOM SIDE
NOISE	40dba @ 3m
FILTRATION	NO
CONTROLS	LINKED TO LIGHTING PIR

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ROOF KEY PLAN

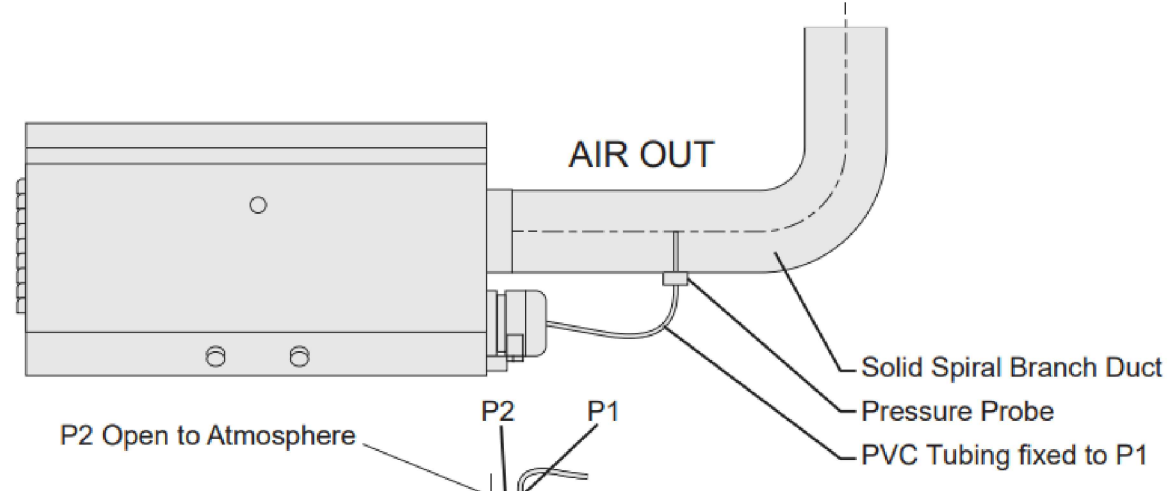


Figure 19 - Connecting the Air Flow Sensor's Pressure Probe

