DO NOT SCALE

IF IN DOUBT ASK

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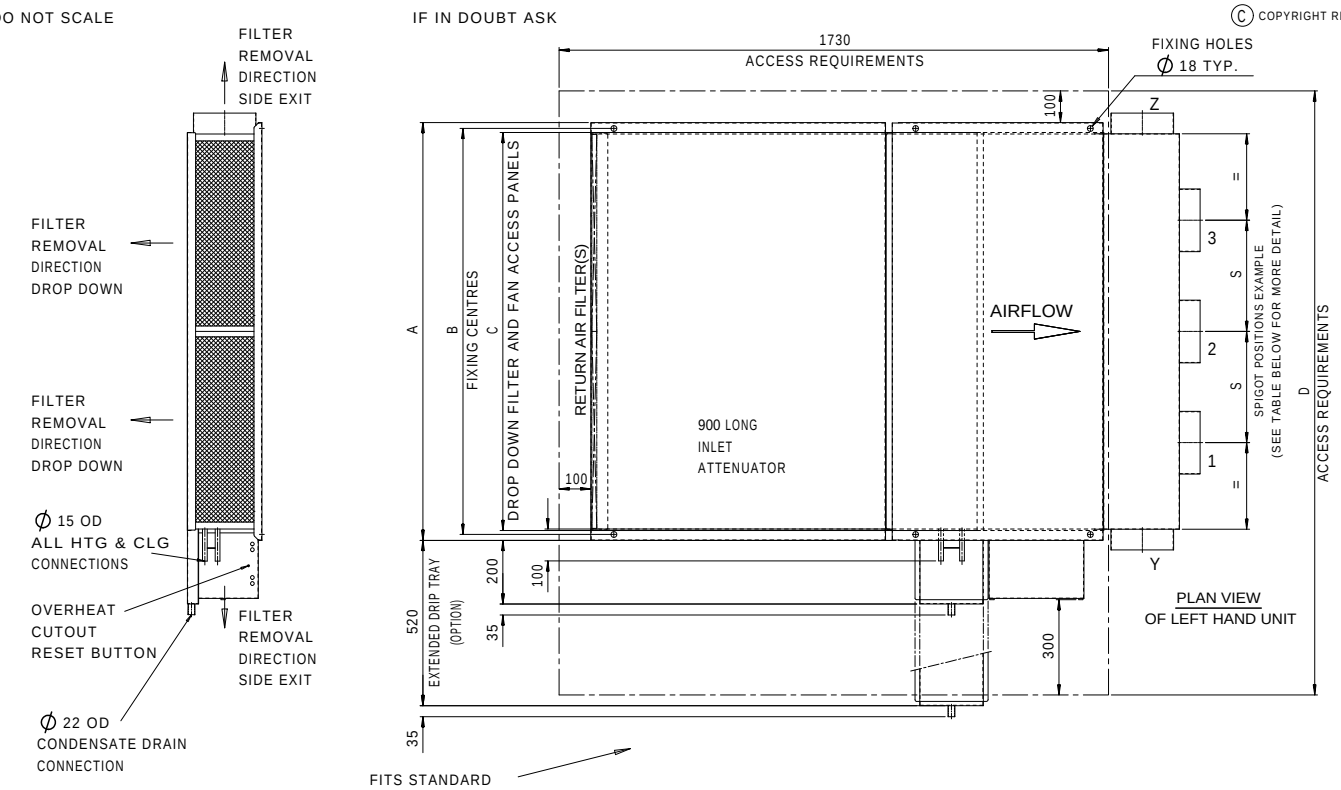
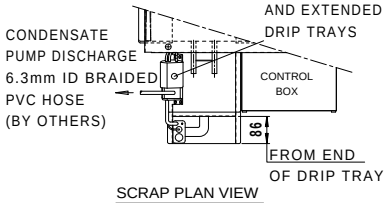
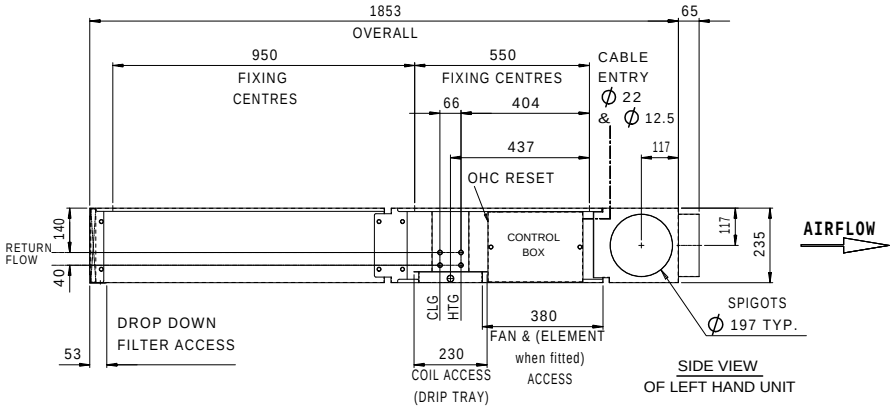
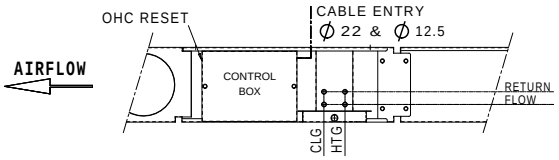




SCRAP PLAN VIEW
SHOWING OPTIONAL CONDENSATE PUMP



SIDE VIEW
OF LEFT HAND UNIT



SCRAP SIDE VIEW OF RIGHT HAND UNIT
SHOWING HTG & CLG CONNECTIONS, CABLE ENTRY
AND OHC RESET BUTTON POSITION REVERSED

NOTES:

1. ACOUSTIC LINED UNIT AS STANDARD.

2. LEFT HAND UNIT AS DRAWN,
RIGHT HAND OPPOSITE HAND,
(HEATING AND COOLING CONNECTIONS REVERSED
SEE SCRAP SIDE VIEW OF RIGHT HAND UNIT).
UNITS ARE HANDED LOOKING INTO THE
DISCHARGE OF THE UNIT, WITH THE UNIT IN
ITS INSTALLED ORIENTATION.
THE ABOVE UNIT IS DETAILED AS LEFT HAND
COIL CONNECTIONS.

SPIGOT POSITIONS ARE IDENTIFIED FROM
LEFT TO RIGHT WHEN LOOKING INTO THE
DISCHARGE, WITH THE UNIT IN ITS INSTALLED
ORIENTATION. SPIGOT POSITIONS ARE
REGARDLESS OF COIL TAIL HANDINGS.

3. FILTER(S) CAN BE EITHER SIDE REMOVAL
OR DROP DOWN AND SLIDE OUT.

4. UNIT FIXINGS (BY OTHERS) TO INCLUDE
LARGE WASHERS, Ø 32 MAXIMUM.
ALTERNATIVELY ISOLATION MOUNTS COMPLETE
WITH WASHERS ARE AVAILABLE FROM DIFFUSION.

5. UNIT ACCESS REQUIREMENTS:
IT IS RECOMMENDED THAT FOR EFFICIENT
SERVICEABILITY AND MAINTENANCE OF THESE
FAN COIL UNITS THE MINIMUM SITE ACCESS
SHOULD BE AS DETAILED ABOVE.

6. KEY TO ABREVIATIONS:
CLG = COOLING
HTG = HEATING
ID = INSIDE DIAMETER
OD = OUTSIDE DIAMETER
OHC = OVERHEAT CUTOUT RESET BUTTON
(REQUIRED ON ELECTRIC HEAT UNITS
ONLY).

					ACCESS REQUIREMENTS	Ø 197 SPIGOTS		
UNIT	WEIGHT kg	A	B	C	D	S SPIGOT PITCH (TYP).	TOTAL No. OFF INCLUDING SIDES	SPIGOT POSITIONS REGARDLESS OF HANDING FOR SCHEDULE PURPOSES NTS.
04/1	39	565	530	503	1150	250	4	Y PLAN Z 1 2
06/1	48	715	680	653	1300	350	4	
08/1	59	915	880	853	1500	350	4	
08/2	66	915	880	853	1500	350	4	
10/1	69	1115	1080	1053	1700	350	5	Y PLAN Z 1 2 3
10/2	76	1115	1080	1053	1700	350	5	
12/2	86	1315	1280	1253	1900	350	5	
14/2	98	1515	1480	1453	2100	350	6	Y PLAN Z 1 2 3 4
14/3	98	1515	1480	1453	2100	350	6	
16/2	107	1715	1680	1653	2300	350	6	
16/3	107	1715	1680	1653	2300	350	6	
18/3	116	1915	1880	1853	2500	350	7	Y PLAN Z 1 2 3 4 5
18/4	128	1915	1880	1853	2500	350	7	

REV.	MOD.NO.	DATE	DRN
2	MIN. MOD. TO INLET VIEW OF DXF DRAWINGS	26-09-23	MW
1	REQ9690	20-07-23	MW

ALL DIMENSIONS IN mm THIRD ANGLE PROJECTION

METALWORK TOLERANCES UNLESS OTHERWISE STATED: DIMENSIONAL ±0.5mm ANGULAR ±1°

G.A. TOLERANCES UNLESS OTHERWISE STATED: DIMENSIONAL ±4mm ANGULAR ±1°

DRAWING SCALE : 1:1 | PRINT SCALE : N.T.S.

MATERIAL:

FINISH:

DRAWN MW

DATE 20-07-23

CHECKED

DATE

APP'D

DATE

Diffusion
Address: 47 Central Avenue, West Molesey, Surrey, KT8 2QZ
Telephone: +44 (0) 20 8783 0033 Email: cooling@diffusion-group.com
Website: www.diffusion-group.com

TITLE: GENERAL ARRANGEMENT
HIGHLINE 235 DEEP FAN COIL UNIT RANGE
C/W 900 LONG INLET ATTENUATOR AND Ø 197 DISCHARGE PLENUM
HL235-WHCH-04-06-08-10-12-14-16-18*90A+CP

JOB: STANDARD OPTION

DRG.NO. A1/40667