



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.  $\varnothing$  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 ABBREVIATIONS:  
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 HANDLING FOR SCHEDULE PURPOSES NTS.
04/1	28	565	530	503	1150	250	4	
06/1	33	715	680	653	1300	350	4	
08/1	39	915	880	853	1500	350	4	
08/2	46	915	880	853	1500	350	4	
10/1	45	1115	1080	1053	1700	350	5	
10/2	52	1115	1080	1053	1700	350	5	
12/2	58	1315	1280	1253	1900	350	5	
14/2	65	1515	1480	1453	2100	350	6	
14/3	65	1515	1480	1453	2100	350	6	
16/2	70	1715	1680	1653	2300	350	6	
16/3	70	1715	1680	1653	2300	350	6	
18/3	75	1915	1880	1853	2500	350	7	
18/4	87	1915	1880	1853	2500	350	7	

REV.	MOD.NO.	DATE	DRN					ALL DIMENSIONS IN mm THIRD ANGLE PROJECTION	DRAWING SCALE : 1:1	PRINT SCALE : N.T.S.	DRAWN    MW	<div>Diffusion</div> <div>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</div> <div>TITLE: GENERAL ARRANGEMENT HIGHLINE 235 DEEP FAN COIL UNIT RANGE C/W FILTER RETURN AND Ø 197 DISCHARGE PLENUM HL235-WHCH-04-06-08-10-12-14-16-18*FR+CP</div> <div>JOB:    STANDARD</div> <div>DRG.NO.    A1/40347</div>	
2	DRG SHT MOD.	28-03-23	MW					METALWORK TOLERANCES UNLESS OTHERWISE STATED: DIMENSIONAL ±0.5mm ANGULAR ±1°	MATERIAL:		DATE 28-11-22		
1	REQ9690	09-03-23	MW								CHECKED		
											DATE		
								G.A. TOLERANCES UNLESS OTHERWISE STATED: DIMENSIONAL ±4mm ANGULAR ±1°	FINISH:		APP'D		
											DATE		