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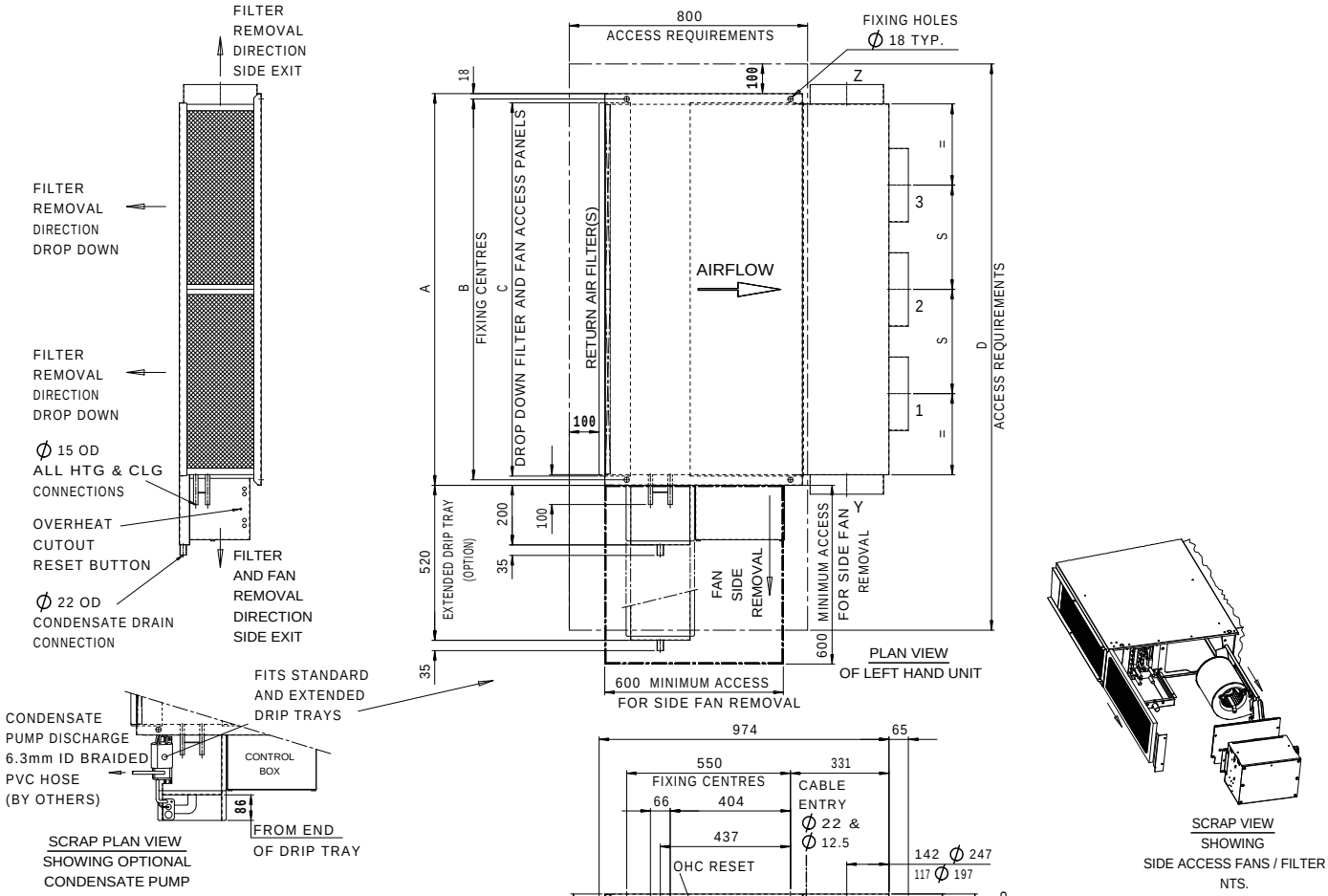
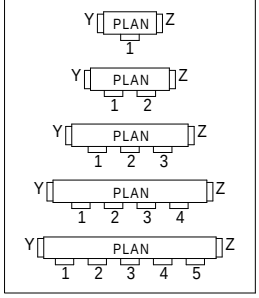


SPIGOT POSITIONS REGARDLESS OF HANDING FOR SCHEDULE PURPOSES NTS.



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: REFERENCE SHOULD BE MADE TO OUR IOM FOR FULL UNIMPEDED SERVICE ACCESS TO THE FAN COIL. A MINIMUM 600 X 600 APERTURE AS DETAILED IS REQUIRED ALLOWING THE VALVES AND FILTER TO BE ACCESSED. SIDE REMOVAL FAN OPTION IS ALSO FACILITATED VIA THIS OPENING.

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).

7. GENERIC DRAWING: WEIGHTS SHOWN DO NOT INCLUDE EXTENDED DRIP TRAY AND VALVES OR, PUMP ASSEMBLY.

		ACCESS REQUIREMENTS	Ø 247 SPIGOTS (AS DRAWN) STANDARD		Ø 197 SPIGOTS (OPTION)	
UNIT	WEIGHT kg	D	S SPIGOT PITCH (TYP).	TOTAL No. OFF INCLUDING SIDES	S SPIGOT PITCH (TYP).	TOTAL No. OFF INCLUDING SIDES
04/1	35	1150	-	3	250	4
06/1	41	1300	350	4	350	4
08/1	47	1500	350	4	350	4
08/2	51	1500	350	4	350	4
10/1	54	1700	350	5	350	5
10/2	58	1700	350	5	350	5
12/2	66	1900	350	5	350	5
14/2	73	2100	350	6	350	6
14/3	76	2100	350	6	350	6
16/2	80	2300	350	6	350	6
16/3	83	2300	350	6	350	6
18/3	91	2500	350	7	350	7
18/4	96	2500	350	7	350	7

REV.	MOD.NO.	DATE	DRN
2	'300 WHEN PUMP FITTED' ADDED	19-05-25	MW
1	REQ10871	25-03-25	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 25-03-25
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 275 DEEP FAN COIL UNIT RANGE C/W SIDE ACCESS FAN REMOVAL, FILTER RETURN AND Ø 247 or Ø 197 (OPTION) DISCHARGE PLENUM
HL275-WSCH-04-06-08-10-12-14-16-18*FR+CP

JOB: STANDARD VARIANT
DRG.NO. A1/42360