LEAVE ROOM ON
PIPE FOR CRIMP

TO GC

SOURCE

FIT ON TOP OF FLIGHT TUBE
IF GC FITTED

0.030″

0.006″

VALCO

0.006″

Flow1
12
13
10
To F–P Sensors
Use 25 D Socket

P1

1 2 3

FIT IF HT–EA IS FITTED

FIT AS CLOSE TO 4 WAY
MANIFOLD AS POSSIBLE

0.030″

FIT AS CLOSE TO 4 WAY
MANIFOLD AS POSSIBLE

0.030″

0.006″

0.006″

REF 1 N2

REF 2 CO2

REF 3 HD

He

Aux

V0

V1

V2

V3

0.006″

0.006″

V8

V6

V5

V4

VALVE & TERMINAL No.
V0––Ref1––1/2
V1––Ref2––3/4
V2––Ref3––5/6
V3––Ref4––7/8 [If Used]
V4–Ref ISO––9/10
V5–Prep1––11/12
V6–Prep2––13/14 [If Used]
V8–Trapping Loop––17/18

PIPE SIZES:
0.006″
0.030″
3/16″

A

B

N/O

COM

V9

N/C

C C

C C

V10

N/C

COM

10–15ml/min

REV.	ISSUED BY	DESCRIPTION	DATE	REV. No.
	DW	PLUMBING CHANGES	20–01–2020	C1
	MOC	ISSUED FOR BUILD	22–12–2009	C
	MOC	ORIGINAL	22–12–2009	A

REMOVE ALL BURRS & SHARP EDGES | DO NOT SCALE

MATL.

FINISH

ALL DIMENSIONS IN MILLIMETERS

TOLERANCES UNLESS OTHERWISE STATED
±0.15° ANGULAR
SURFACE FINISH 1.6u
0. ±1
0.00 ±0.1
0.0 ±0.2

THIRD ANGLE

DRG. SIZE A1

SCALE NTS

TITLE
REF GAS + TRAP LAYOUT
SERCON LTD

DRG No
20402–004–005

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