

20 mins
to draw

AIR

COMM OUTLET

Block

ADJUSTABLE VALVE

Hospital

FRAND

99

IFICATION BLOCKING BOLT

NE

30

MODIFICATION

15mm CURT

Precision Value

Quartz

BLOCKING
BOLT. ^

ADJUSTABLE VALUE

Blanking Belt

Tommy Cutler

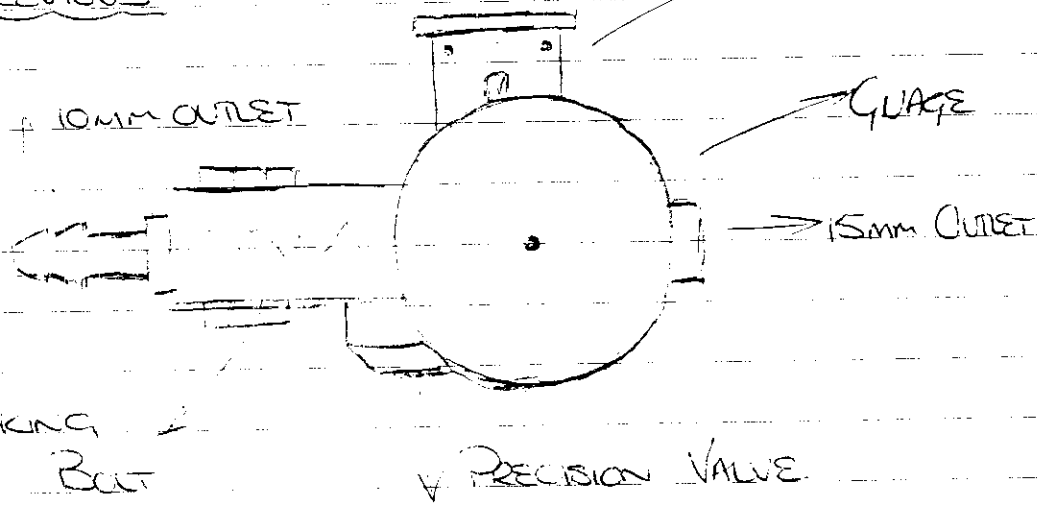
GRADE

✓ 15mm OUTLET

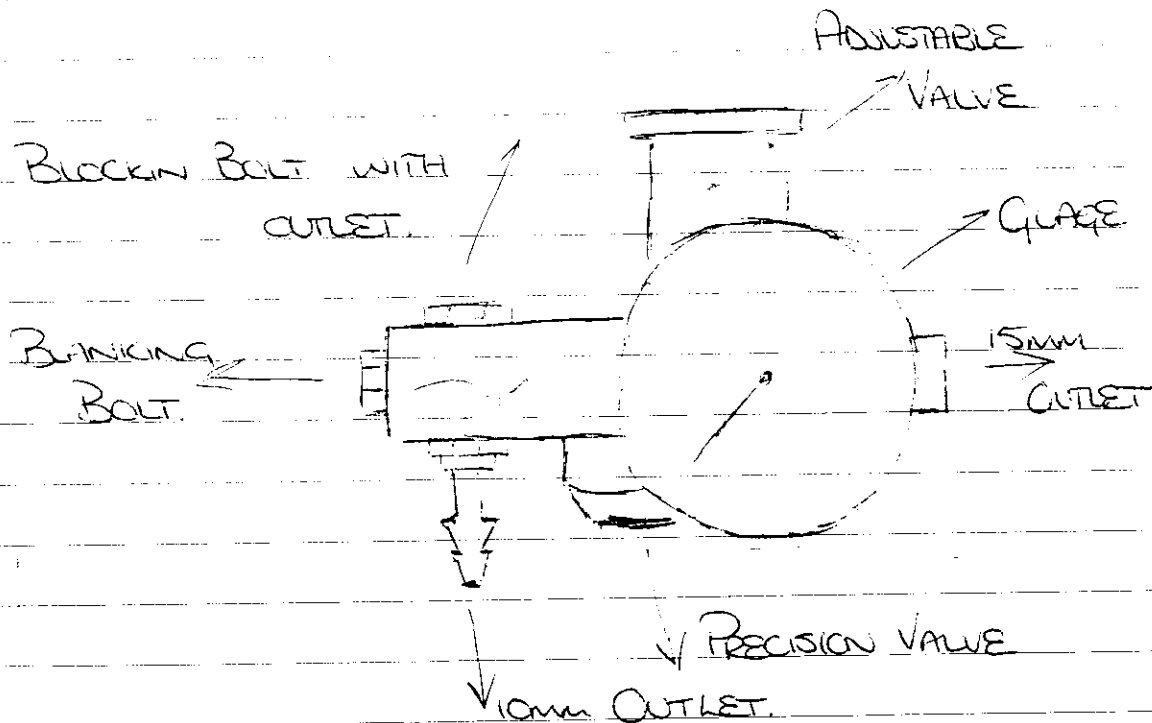
✓ PRECISION VALVE

TT480 MODIFICATION

PREVIOUS



MODIFICATION



IT460

MAIN BLOCK	9901-51
FLOW METER BOLT	9901-02
FLOW METER (O ₂)	9901-53
10mm OUTLET	4701-61
O RING THIN	9901-55
O RING THICK	9901-56
<u>Precision Valve</u>	9901-40

VALVE BODY	9901-39
VALVE SEATING	9901-11
VALVE SEAT	9901-12
P VALVE SPRING	9901-26
P VALVE ADJUSTABLE SCREW	9901-38

IT480

DIAMOND COPPER WASHER	9901-28
MAIN BLOCK	9901-01
15mm OUTLET	9901-34
FLOW GAUGE	9901-15
O RING THIN	9901-55
O RING THICK	9901-56
10mm OUTLET	9901 4701-61
BLOCKING BOLT (SAFETY)	
BLOCKING NUT	4450-12
CLAMP	2050
SPACER	9901-22
SCREWS	9901-22A

PRECISION VALVE

9901-40

VALVE BODY	9901-39
VALVE SEATING	9901-11
VALVE SEAT	9901-12
VALVE SPRING	9901-26
P. VALVE ADJUSTABLE SCREW	9901-38

ADJUSTABLE VALVE

9901-18

VALVE BODY	9901-08
VALVE SEATING	9901-11
VALVE SEAT	9901-12
VALVE SPRING	9901-27
ADJUSTABLE SCREW	9901-09
INTERNAL STOP	9901-10
ADJUSTABLE COLLAR	9901-04
CENTER SCREW	9901-13
SIDE SCREW	

TT490

DIAMOND COPPER WASHER	9901-28
MAIN BLOCK	9901-01
FLOW METER 0-5 (O ₂)	6575
FLOW METER BOLT	9901-02
15mm OUT LET	9901-34
FLOW GAUGE	9901-15
HOSE	9901-16
RIGHT ANGLE FOR HOSE	9901-20
O' RING THIN	9901-55
O' RING THICK	9901-56

CLAMP	2050
SPACER	9901-22
SCREWS	9901-22A
ADJUST VALVE	9901-18
PRECISION VALVE	9901-40

IT495

FLOW METER (AIR)	9901-52
" ——— " (O ₂)	9901-53
FLOW GAUGE	9901-15
DIAMOND COPPER WASHER	9901-28
FLOW METER BOLT	9901-02
O'RING THIN	9901-55
" ——— " THICK	9901-58
MAIN BLOCK	9901-50
OUTLET 15MM MALE	9901-34
ADJUSTABLE VALVE	9901-18
PRECISION VALVE	9901-40

LAD

CABLE ASSEMBLY.

29/4

3rd

10.50 AM. → 12.30 PM.

" ——— "

1.5

1 PM → 4 PM.

TT 490 Flow Check

WEEK
REQUESTED
135.99
P. LAMB
D. LAMB

- ① ADJUSTABLE VALVE SET AT 4.5 CM H₂O
PRECISION VALVE BLOCKED

- ② PRECISION VALVE SET AT 4 7/2 CM H₂O
ADJUSTABLE VALVE BLOCKED

FOR THE ABOVE 2 SET UPS - SET FLOW METER
AT 1 LPM AND MEASURE OUTPUT. REPEAT THIS FOR
EACH SETTING FROM 1 LPM → 15 LPM.

REPEAT PROCESS FOR ① & ② SEVERAL TIMES.

①

RESULTS

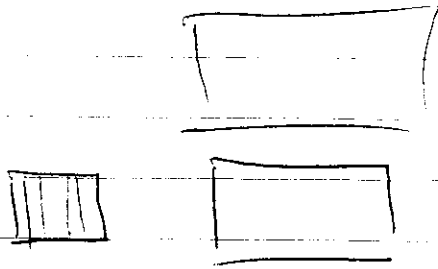
Lpm	ADJUSTABLE VALVE SETTING	O/P			
		1st	2nd	3rd	4th
1	4.5	37.4	37.1	37	37.5
2	4.5	38.5	38.1	38.6	38.7
3	4.5	39.1	39.4	39.4	39.3
4	4.5	39.9	40	40.2	39.8
5	4.5	40.9	40.8	40.8	40.8
6	4.5	41.8	41.3	41.6	41.4
7	4.5	42.6	42.4	42.2	42.3
8	4.5	43.3	43.3	43.1	43.2
9	4.5	44.4	44.2	44.1	44.2
10	4.5	45.5	45.4	45.3	45.4
11	4.5	46.8	46.6	46.6	46.5
12	4.5	48	47.7	47.6	47.5
13	4.5	49.8	49.5	49.6	49.5

		1st	2nd	3rd	4th
14	45	51.4	51.5	51.2	51.3
15	45	52.7	52.4	52.8	53
Gauge 60 cmHg	45	65.5	64.8	64.6	64.8

②

Results

L pm	Precision Valve Settings	C/P			
		1st	2nd	3rd	4th
1	47.5	38.8	38.8	38.9	39.1
2		39.9	40.1	40	39.9
3		40.7	40.8	40.8	40.6
4		41.4	41.5	41.5	41.2
5		42.3	42.3	42.2	42.6
6		42.9	42.8	42.9	43.1
7		44	44.5	44.9	45
8		45.2	45.4	45.6	45.9
9		46.3	46.6	47	46.9
10		47.7	47.6	47.7	47.5
11		49.3	49.6	49.4	49.9
12		50.1	49.9	49.9	49.5
13					
14					
15		54.3	53.6	53.6	53.1
Gauge 60 cmHg		56.5	56.6	56.5	56.6



99101-22.

