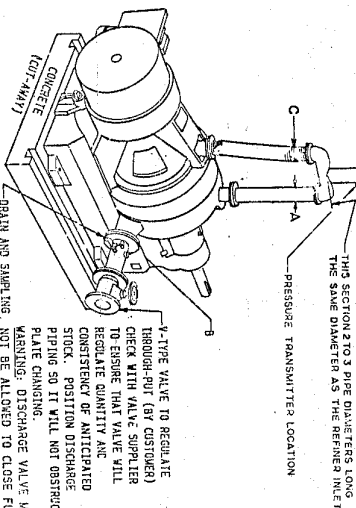


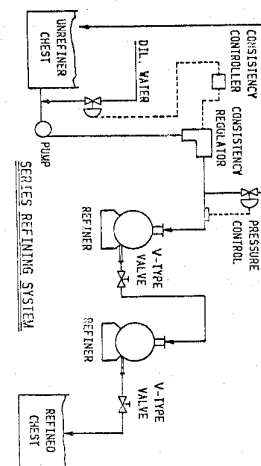
SINGLE REFINER SYSTEM

MAINTAIN CONSTANT INLET STOCK AND 10 FT/SEC. FOR 2-3% STOCK
STOCK LINE VELOCITY-8 FT/SEC. MAX. FOR 3-6%
FLUSH-OUT LINES TO BE PROVIDED AS REQUIRED TO CLEAN LINES FOR SYSTEM CHANGES OR SHUT-DOWN OF 20-25 R.S.I.



FRONT-TO REFINER	20"	128"	34"	142"
A INLET DIAMETER	2-1/2"	4"	6"	8"
B DISCHARGE DIAMETER	3"	4"	6"	8"
C FLEX HOSE LENGTH	48"	60"	60"	18'-0"

REFINER TO BE MOUNTED ON STEEL PLATES IMBEDDED IN CONCRETE FOUNDATION. PROVIDE DRAIN CHANNELS IN BASE SLOPED TOWARD MOTOR END AND CONNECT TO MILL DRAINAGE. FOR 3/4" AND 1/2" REFINERS ADDITIONAL WIDTH ADJACENT TO CASING 39" IT IS DESIRABLE FOR PLATE CHANGING AND MAINTENANCE.



SERIES REFINER SYSTEM

THE REFINING SYSTEMS SHOWN ARE CONSIDERED TO BE WINDOW SYSTEMS. FEATURES CAN BE ADDED TO OBTAIN MORE AUTOMATIC CONTROL OR TO COMPENSATE SYSTEM DEFICIENCY. SOME OF THESE ARE LISTED BELOW.

1. RECIRCULATION LINE WITH PRESSURE CONTROLLED VALVE TO MAINTAIN CONSTANT INLET PRESSURE IF TWIN-FLO IS TO BE SUPPLIED FROM A CHEST WITH VARYING LEVELS.
2. INDICATING OR CONTROLLING FLOWMETER CAN BE USED IN CONNECTION WITH INTEGRATING EQUIPMENT TO CONTROL FLOW IN THE SYSTEM. THE FLOWMETER DISCHARGE MUST ALWAYS BE SUBMERGED.
3. REFINED CHEST LEVEL CONTROLLER TO CONTROL TWIN-FLO DISCHARGE TO MAINTAIN DESIRED LEVEL.
4. DELTA-T EQUIPMENT TO MAINTAIN TEMPERATURE DIFFERENCE ACROSS THE REFINER VIA MOTOR LOAD. ADDITIONAL ELECTRICAL PARTS REQUIRED IN CONTROL CIRCUIT.

CONTROL VALVES MUST HAVE VEE TYPE OPENING TO PROVIDE LINEAR CONTROL ACTION.

PIPING SYSTEM REQUIREMENTS ARE THE SAME FOR HYDRAULIC OR ELECTRO-MECHANICAL TWIN-FLO'S.

FINAL FLOW DRAWING SHOULD BE SUBMITTED TO SPROUT-BAUER FOR REVIEW AND COMMENT.

CERTIFIED
The dimensions on this print are certified correct for this order
Customer: **FRASER & NEAVE**
Cust. Order No. **T36732**
SPROUT-BAUER ORDER NO. EC0586
A Subsidiary of Combustion Engineering, Inc.
S.A.M. Date **1/10/69**

RSL 9140

ROUGH EST. WEIGHT		FINISH EST. WEIGHT		SPECIFIC-BALER		TWIN FLO REFINER INSTALLATION AND PUMP CONTROL ARRANGEMENT	
LBS.		LBS.		NO. OF REFINERS		NO. OF REFINERS	
NO.		NO.		NO.		NO.	
DESCRIPTION		DESCRIPTION		DESCRIPTION		DESCRIPTION	
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