



CHEM FLOWTRONICS

Stainless Steel Offset “Hyflo” Reflux Splitters



AUTOMATIC or MANUAL REFLUX RATIO CONTROL

- Precise Split — very low hold-up
- High power solenoid
- 35 gpm model
- Automatic controller
- Only one moving part
- Fail-safe design
- Adaptable to any size column
- Interchangeable
- Easily maintained

FOR BATCH OR CONTINUOUS SYSTEMS

- External mounting on collector makes splitters interchangeable; allows simple inspection and service.
- Standard design provides reflux on power failure. (Total product take-off optional)
- Rigid stainless steel tongue assures positive shut-off.
- Collectors available in standard and extra low ΔP design for vacuum service.

ELECTRICAL CHARACTERISTICS

115-125 volts, 50-60 Cycles

1" size - 0.3 amps

2" size - 0.5 amps

Explosion proof or general purpose enclosures

PRESSURE RATING: FV-150 psi (300 psi optional)

TEMPERATURE: 450°F

CONSTRUCTION MATERIAL: Type 316 Stainless steel (other materials on request).

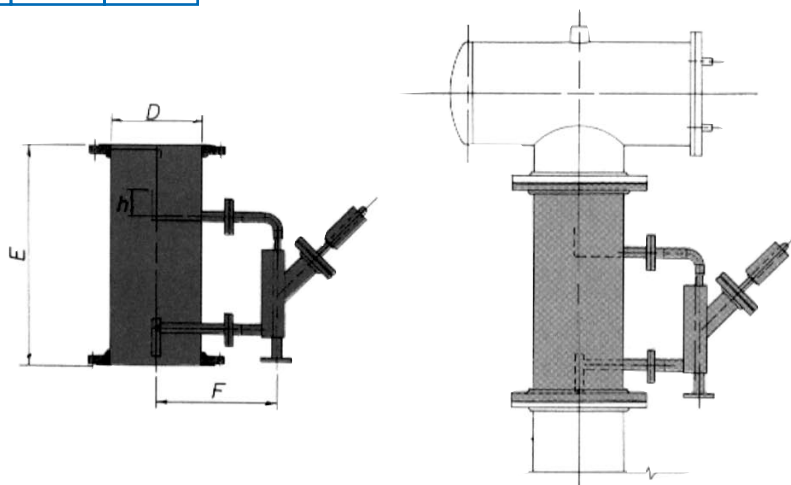


CHEM FLOWTRONICS

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FOR USE WHERE HORIZONTAL OR VERTICAL CONDENSERS ARE MOUNTED DIRECTLY ABOVE COLUMN



DIMENSIONS

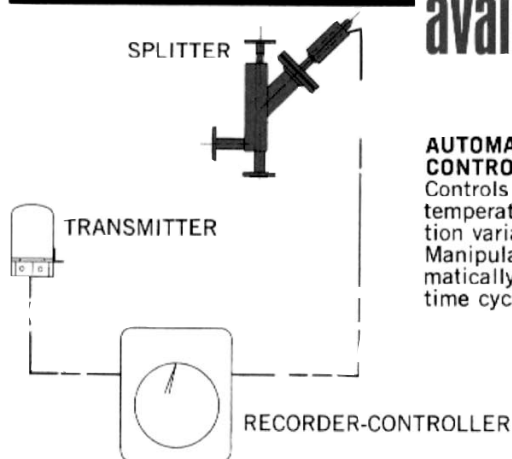
NOMINAL D	with 1" Splitter		with 2" Splitter	
	E	F	E	F
4"	23½" + h	10¼"	—	—
6"	24" + h	11⅜"	—	—
8"	25" + h	12⅝"	—	—
10"	26" + h	13¼"	—	—
12"	27" + h	15¼"	—	—
18"	29½" + h	17⅞"	40" + h	19"
24"	30¾" + h	20⅞"	42" + h	21"
36"	35¼" + h	26⅞"	47" + h	28"

Larger or Intermediate sizes on request

FLOW RATES —

LIQUID HEAD	0"	7"	16"
1" Size	360 gph	500 gph	—
2" Size	1500 gph	1900 gph	2200 gph

available control methods



AUTOMATIC REFLUX RATIO CONTROLLER
Controls and records column temperatures or any composition variable. Manipulates reflux ratio automatically by adjusting on/off time cycle.

MANUAL SET
Manual set repeat cycle timer. Reflux ratio equals off/on ratio set on timer. Explosion proof or general purpose enclosure.



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