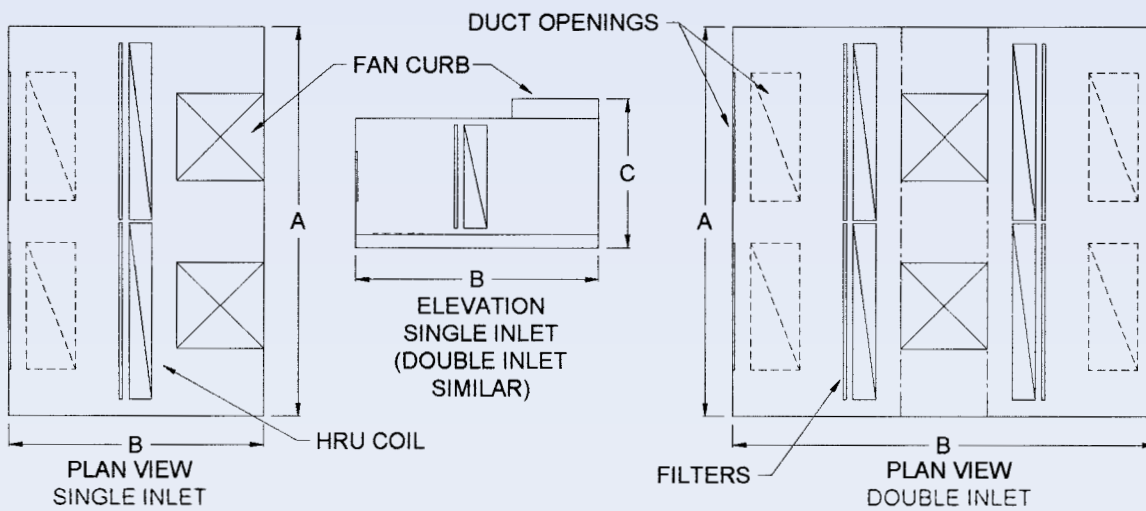


# Heat Recovery Plenum Physical Data:

The following dimensions and weights are for reference only. Plenum size and weights will change to suit each project's requirements and design criteria. Complete job data questionnaire on back and forward to Strobic Air to obtain accurate sizing.



## Dimensions for Heat Recovery Plenums

Tri-Stack Model Number	Max Capacity (cfm)	Plenum Configuration	# of Fans	Plenum Dimensions				Inlet Size(s)		Coil Size(s)			Estimated Weight (Plenum Only)	Shipping Sections
				"A" Length	"B" Width	Height (in)		H (in)	W (in)	# of Coils	Fin Size			
						"C" w/ fan curb	"D" w/o fan curb				H (in)	L (in)		
TS-1 & TS-2	10000	Single Inlet	1	123	80	79	67	24	42	1	48	60	6150	1
	20000	Single Inlet	2	123	119	91	79	24	84	1	60	96	9148	1
	30000	Single Inlet	3	135	191	91	79	36	80	2	60	72	16116	1
	20000	Double Inlet	2	213	119	67	55	18	54	2	36	80	15842	1
	30000	Double Inlet	3	213	191	67	55	18	80	2	36	120	25427	2
TS-3	40000	Double Inlet	4	237	263	91	79	24	80	2	60	120	38957	2
	25000	Single Inlet	1	148	138	91	79	30	78	1	60	118	12765	2
	50000	Single Inlet	2	148	276	91	79	30	78	2	60	118	25530	2
	75000	Single Inlet	3	148	414	91	79	30	78	3	60	118	38295	2
	50000	Double Inlet	2	219	142	91	79	30	78	2	60	118	19436	3
	75000	Double Inlet	3	219	236	85	73	24	74	4	54	98	32303	3
TS-4	100000	Double Inlet	4	219	320	91	79	30	78	4	60	118	43800	3
	80000	Single Inlet	2	177	280	121	109	48	80	2	48	120	30975	2
	120000	Single Inlet	3	177	328	145	133	48	80	3	60	96	36285	2
	80000	Double Inlet	2	283	232	79	67	48	80	4	60	96	41035	3
	120000	Double Inlet	3	301	328	145	133	36	80	6	60	96	61705	3
	160000	Double Inlet	4	301	424	145	133	48	80	6	60	128	79765	3

# Plenum selection information required:

Number of plenums required: \_\_\_\_\_

Tri-Stack model number: \_\_\_\_\_

Number of fans per plenum: \_\_\_\_\_

Future fan requirements (per plenum:) \_\_\_\_\_

Total exhaust air volume: \_\_\_\_\_

External static pressure: \_\_\_\_\_

To estimate TSP for fan sizing, allow 1.60" for coils and box losses and .4 for filter loading.  
Typical ESP of lab exhaust is 2.0" unless specified otherwise.

Plenum location (check one)

- Outdoor
  - Curb mounted
  - Steel or Dunnage
- Indoor

Exhaust duct configuration (check two)

- One side
- Two sides
- Side inlet
- Bottom inlet

Run around coil requirements:

Glycol type and percentage \_\_\_\_\_

Glycol WPD (typical is 20 ft) \_\_\_\_\_

Internal pipe chase required \_\_\_\_\_ (Y/N)

Exhaust air: \_\_\_\_\_ (DB/WB)

Outside air design conditions:

Winter \_\_\_\_\_ (DB/WB)

Summer \_\_\_\_\_ (DB/WB)

Filtration, other than standard:  
(30% is standard) \_\_\_\_\_

Coil pull (circle one)

Side pull or Front access

Bypass damper:

Specific location \_\_\_\_\_

Sound attenuation required \_\_\_\_\_ (Y/N)



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