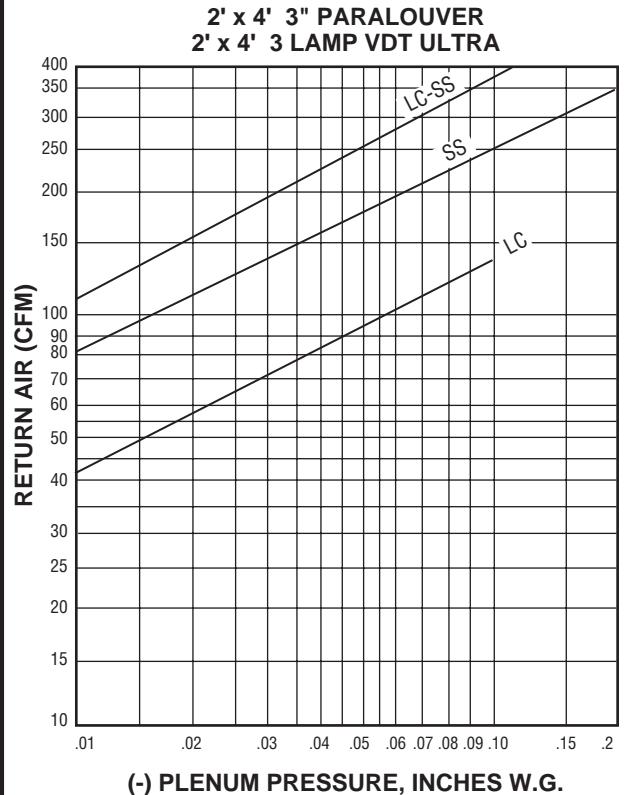
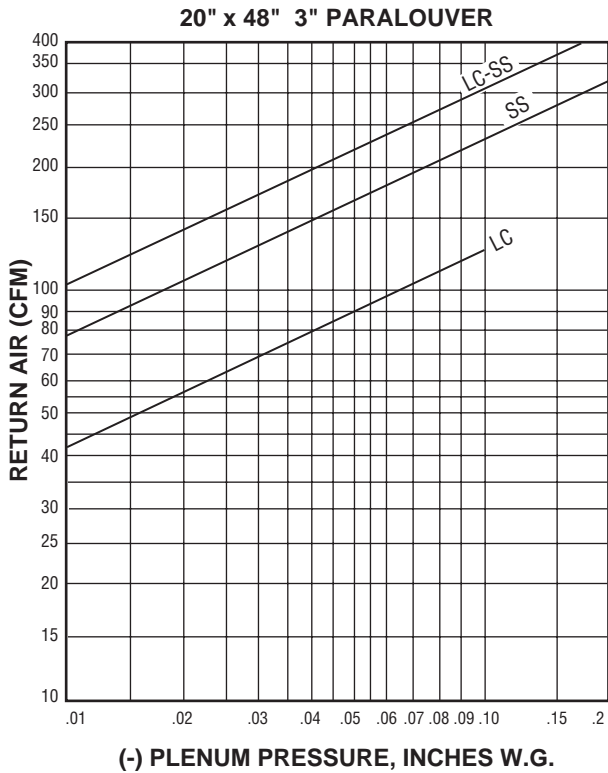
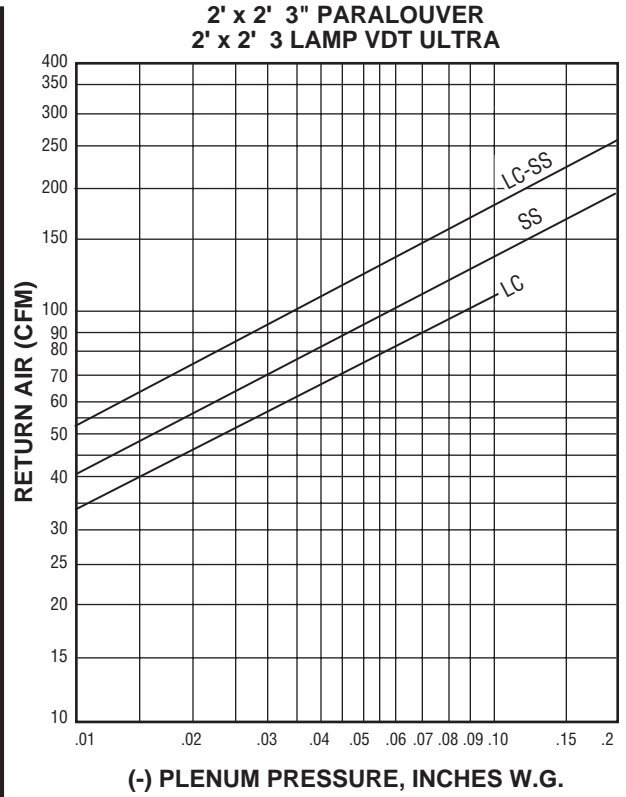
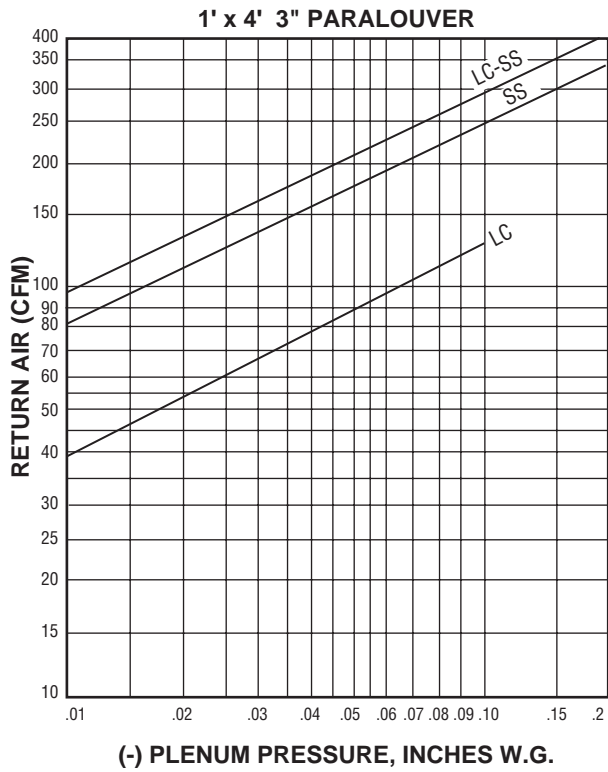


LC=Return Through Lamp Cavity Only SS=Return Through Side Slots Only LC-SS=Return Through Lamp Cavity and Side Slots



Return Air-Noise Criteria																
SIZE	MODE	CFM														
		40	50	60	70	80	90	100	125	150	175	200	250	300	350	
2' x 2'	LC	NC	-	30	-	31										
	SS	NC	-	-	-	-	-	-	31	32	36	37				
	LC-SS	NC	-	-	-	-	-	-	-	-	33	-	34	38		
1' x 4'	LC	NC	-	29	30	32	33	36								
	SS	NC	-	-	-	-	-	-	-	-	-	-	33	37	41	46
	LC-SS	NC	-	-	-	-	-	-	-	-	-	-	33	37	38	42
20" x 48"	LC	NC	-	-	30	31	33	34								
	SS	NC	-	-	-	-	-	-	31	-	-	-	33	-	42	46
	LC-SS	NC	-	-	-	-	-	-	31	-	-	-	33	-	38	42
2' x 4'	LC	NC	-	-	20	-	21	24								
	SS	NC	-	-	-	-	-	-	-	-	-	-	32	36	39	43
	LC-SS	NC	-	-	-	-	-	-	-	-	-	-	31	33	36	39

Recommended Indoor Design Goals For Air Conditioning System Sound Control*

(NOTE: NC Values are for occupied spaces, with all systems operating.)

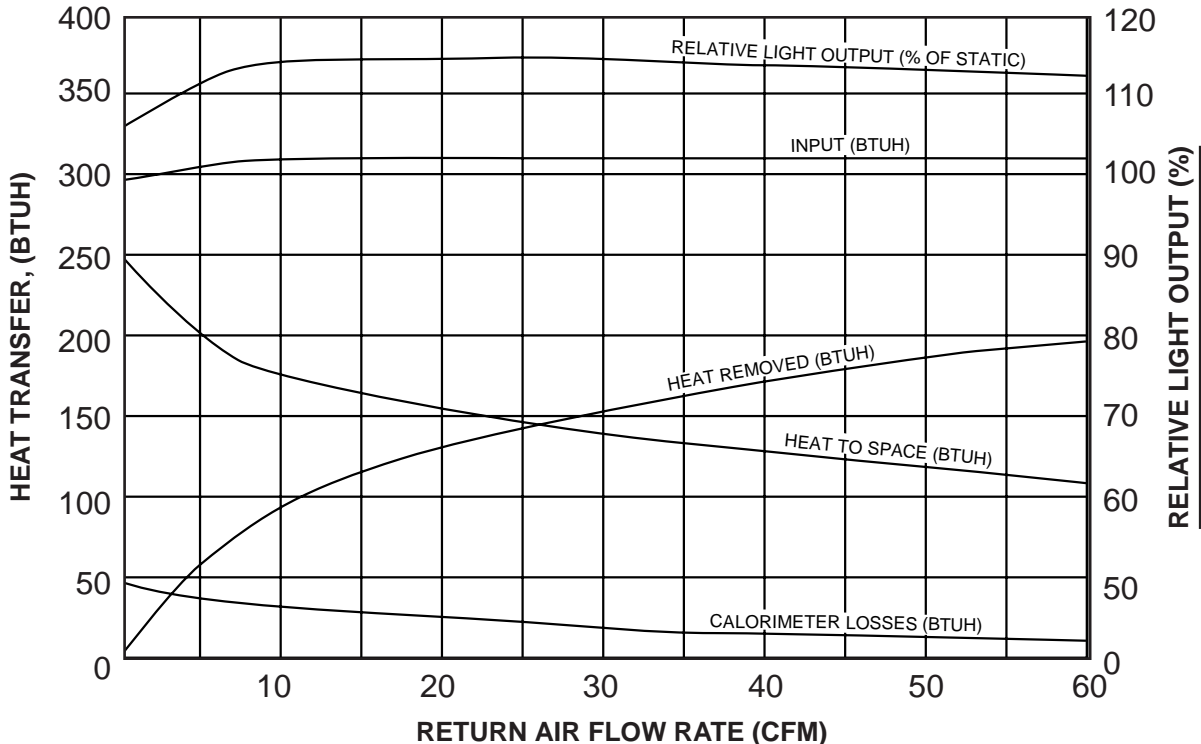
TYPE OF AREA	NC	CRITERIA	RANGE
1. Private residences	25-30		
2. Apartments	30-35		
3. Hotels/Motels			
a. Rooms or suites	30-35		
b. Meeting/banquet rooms	30-35		
c. Halls, corridors, lobbies	35-40		
d. Service/support areas	40-45		
4. Offices			
a. Executive	25-30		
b. Conference rooms	25-30		
c. Private	30-35		
d. Open-plan areas	35-40		
e. Computer/business machine areas	40-45		
f. Public circulation	40-45		
5. Hospitals and clinics			
a. Private rooms	25-30		
b. Wards	30-35		
c. Operating rooms	25-30		
d. Laboratories	30-35		
e. Corridors	30-35		
f. Public areas	35-40		
6. Schools			
a. Lecture and classrooms	25-30		
b. Open-plan classrooms	30-35**		
7. Libraries	30-35		

* Design goals can be increased by 5dB when dictated by budget constraints or when noise intrusion from other sources represent a limiting condition.

** An acoustical expert should be consulted on these critical spaces.
Reference: ASHRAE HANDBOOK, 1980 SYSTEMS, CHAP. 35.16.

ENERGY DISTRIBUTION/RELATIVE LIGHT OUTPUT

3" PARALOUVER 1' x 4'; 2/40W (MAGNETIC BALLAST)

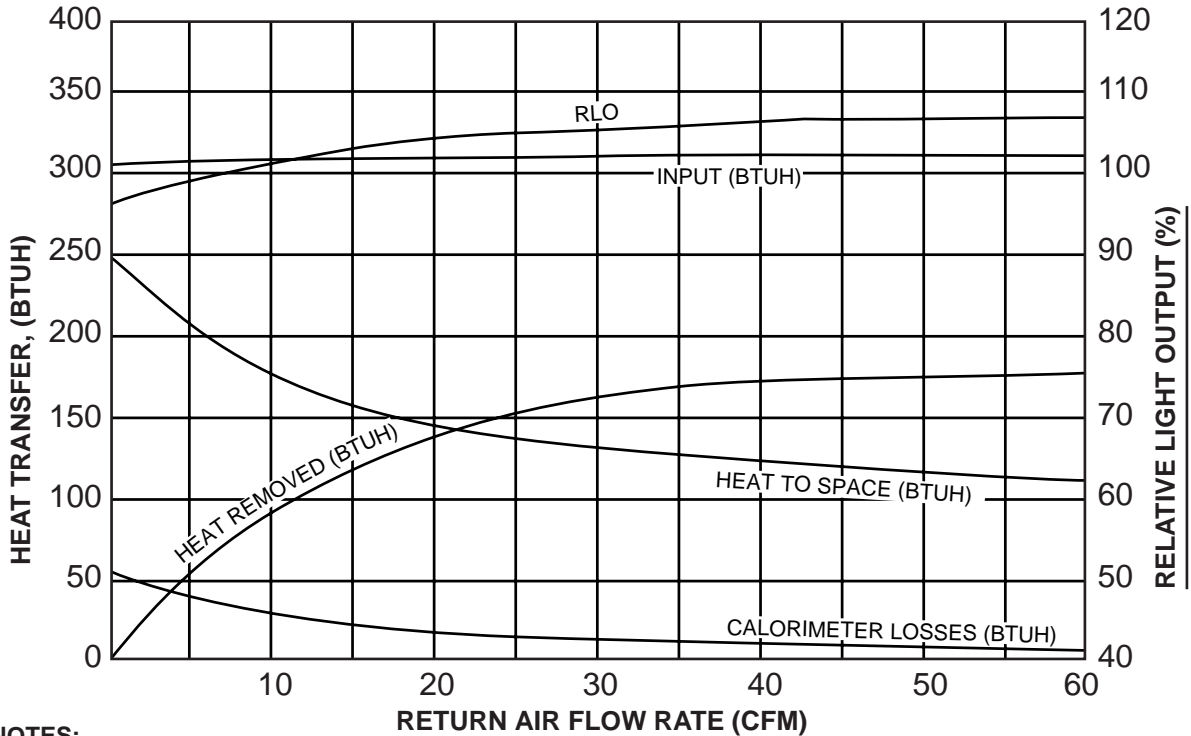


NOTES:

RLO=Relative Light Output, 100% relative light output refers to standard photometric conditions of 25°C. ambient air. Values below 100% are due to elevated plenum temperatures in static and minimal air flow conditions.

ENERGY DISTRIBUTION/RELATIVE LIGHT OUTPUT

3" PARALOUVER 2'x 2'; 2/40W "U" (MAGNETIC BALLAST)

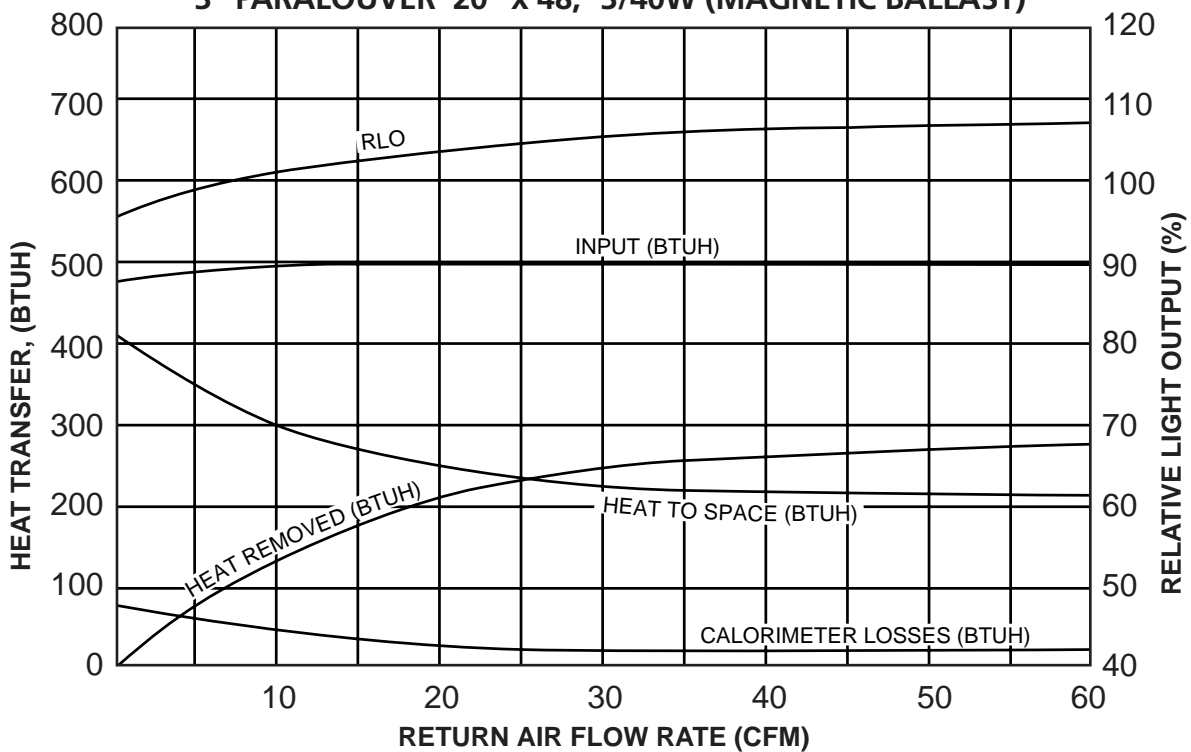


NOTES:

RLO=Relative Light Output, 100% relative light output refers to standard photometric conditions of 25°C. ambient air. Values below 100% are due to elevated plenum temperatures in static and minimal air flow conditions.

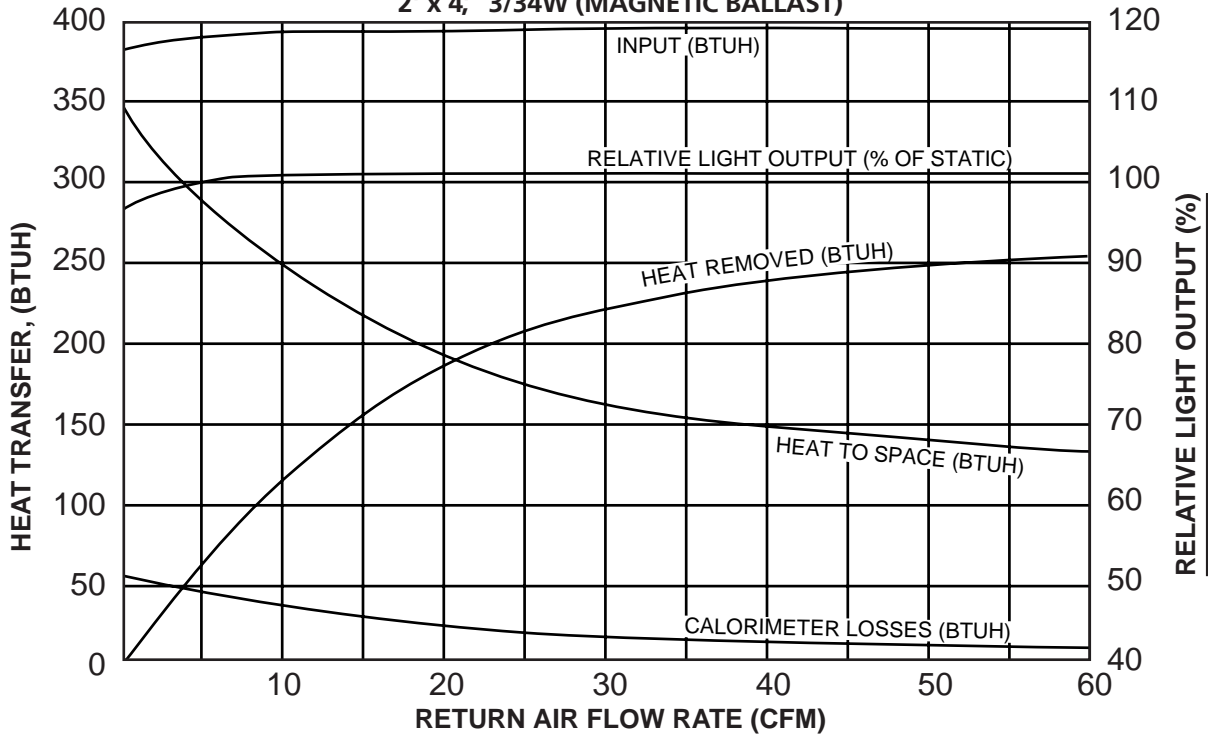
ENERGY DISTRIBUTION/RELATIVE LIGHT OUTPUT

3" PARALOUVER 20" x 48"; 3/40W (MAGNETIC BALLAST)



ENERGY DISTRIBUTION/RELATIVE LIGHT OUTPUT

3" PARALOUVER VDT 3 LAMP ULTRA
2' x 4', 3/34W (MAGNETIC BALLAST)



ENERGY DISTRIBUTION/RELATIVE LIGHT OUTPUT

3" PARALOUVER 2' x 4', 4/40W (MAGNETIC BALLAST)

