

## Features

- Standard HAC series horizontal air curtains
- Quiet (low noise) QHAC series horizontal air curtains

### Recommended Use

- 5 HP HACs on switches up to #14
- 7.5 HP HACs on switches up to #20

### Power

HP	Volts	Phase	HAC FL Amps
5	208	3	13.2
	240	1	21.0
	460	3	6.0
	575	3	5.1
7.5	208	3	21.0
	240	1	33.0
	460	3	9.5
	575	3	7.9

**Note:** Actual current draw varies with temperature, altitude and voltage.

### Controls

- Weather-tight all stainless steel control box with clasp for padlock
- Remote/Auto/Manual selector switch
- Motor starting contactor with overload protection

### Air Output

- 5 HP 2500 cfm, 7.5 HP 3000 cfm

### Sound Pressure Level

- Standard HAC series - 65 dBA at 50 feet
- Quiet (low noise) QHAC series - 60 dBA at 50 feet

### Construction

- Galvanized steel for maximum corrosion protection
- Match balanced impeller and motor for long vibration free life
- Centrifugal fan, direct drive
- Fan balanced to less than 0.15 ips pk to pk

### Air Intake Profile

- High profile air intake for areas with excessive snowfall
- Extra low profile air intake to provide minimum obstruction for areas with space limitations

### Nozzles

- Rotating nozzles and adjustable vane to direct air where needed
- Peak air speeds of over 140 MPH, highest rated switch protection available
- Electrically isolated from crossducts
- Extension ducts available

## Accessories

### Temperature Switch

- Automatic startup in low temperatures to maximize snow clearing
- Conserves energy and run time by only running when temperature is below set point



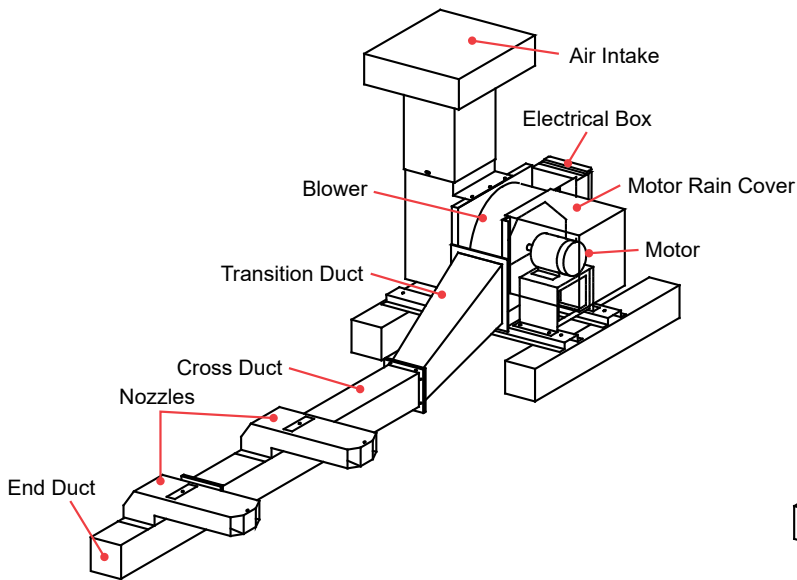
### Delay Start Timer

- Staggers starting time for minimizing inrush current for multi-unit installations

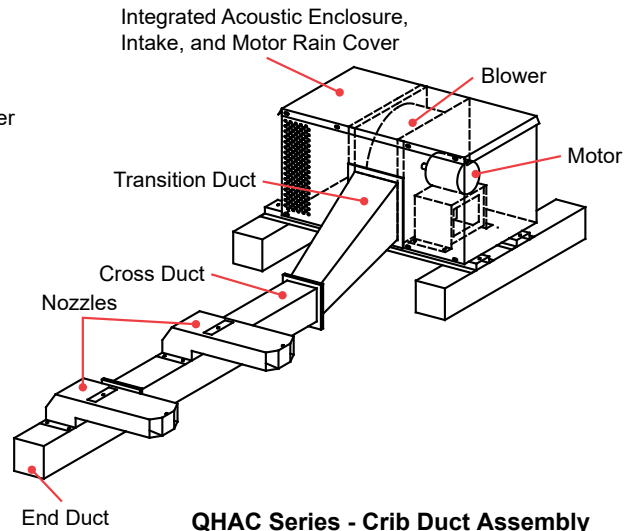


Control Option	Part No.
Delay Start Timer	18420
Temperature Switch	18425

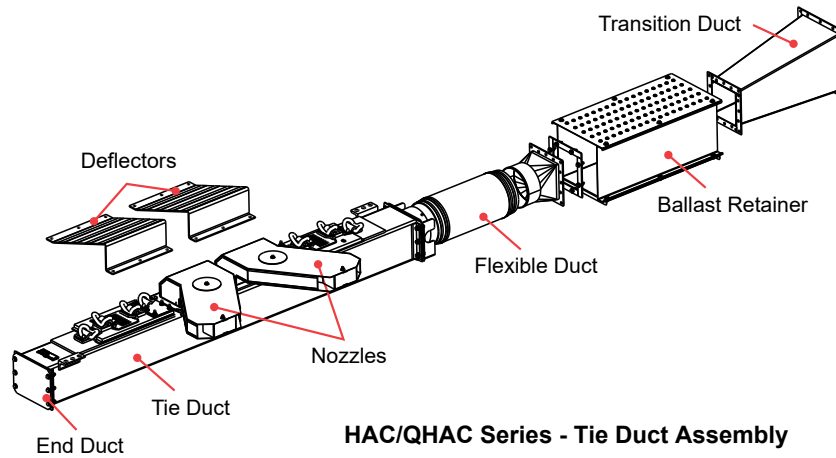
# Air Curtain Ductwork



**HAC Series - Crib Duct Assembly**



**QHAC Series - Crib Duct Assembly**



**HAC/QHAC Series - Tie Duct Assembly**

# Crib Duct Systems

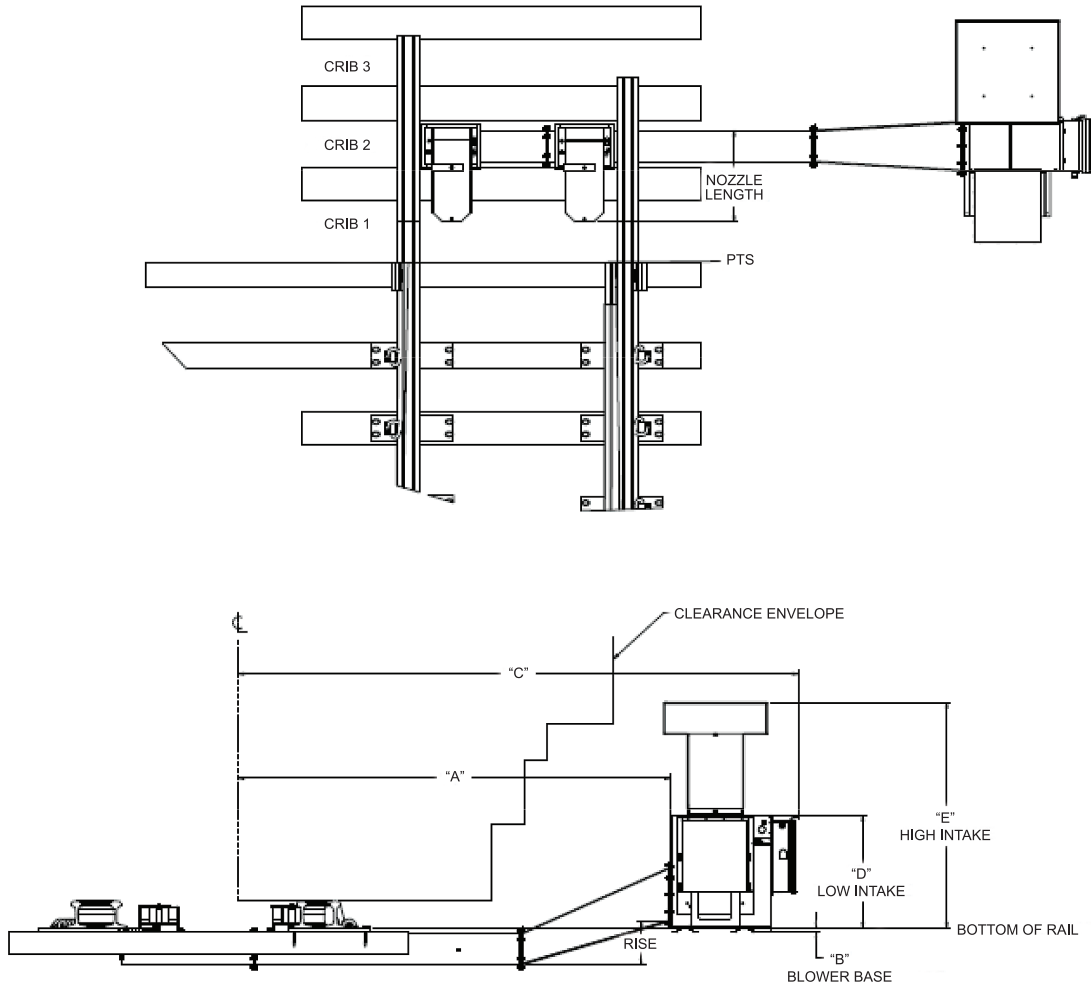


Table 17 – Crib Duct Systems

Crib Duct Systems							
Nominal Clearance/Rise	Dimensions (in.)					Nozzle Length	
	A	B	C	D	E	25 in.*	40 in.**
120 in / 12 in	120.5	1.4	155.1	30.3	60.9	15122	15125
90 in / 6 in	90.3	7.2	124.8	24.6	55.3	15121	15124
72 in / 0 in	72.5	13.1	107.1	18.6	49.3	15120	15123

\*Systems with 25 in. nozzles are intended for installation in the second crib, or 40 in. nozzles in the third crib ahead of the switch points.

\*\*40 in. nozzles are recommended for use with quiet systems for maximum noise reduction.

# Tie Duct Systems

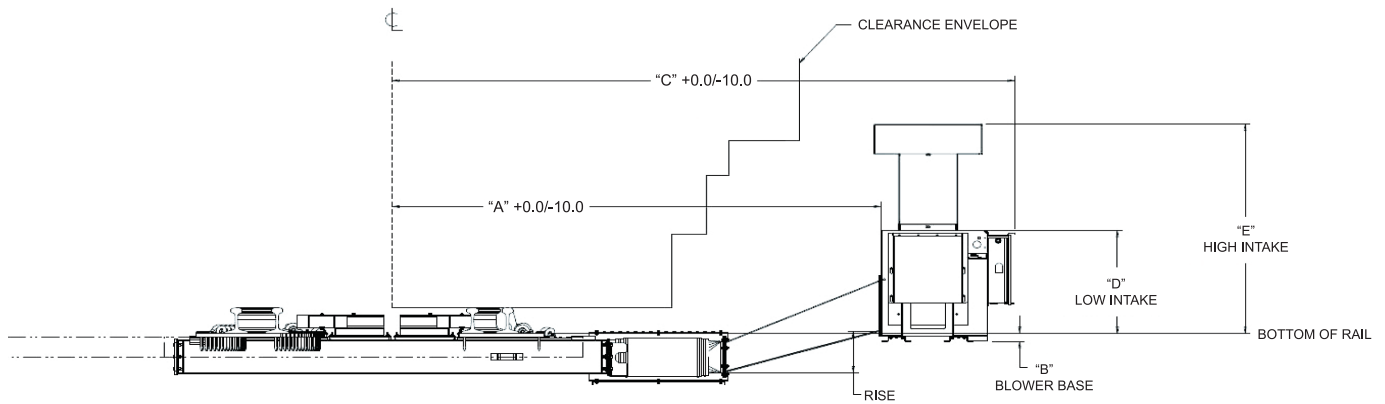
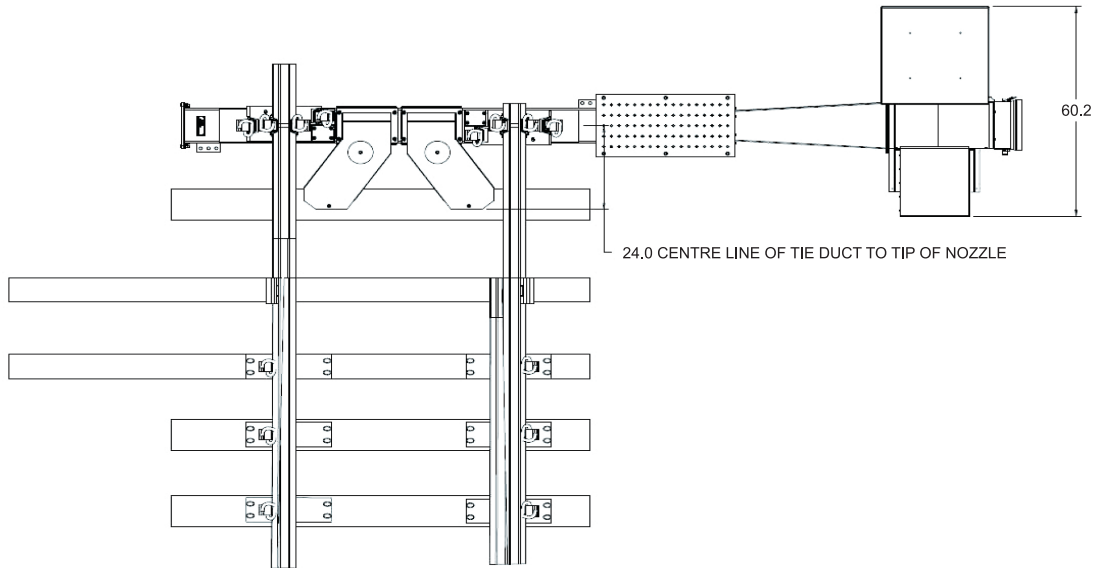


Table 18 – Tie Duct Systems

Tie Duct Systems							
Nominal Clearance/Rise	Dimensions (in.)					Rail Base Width	
	A	B	C	D	E	6 in.	5.5 in.
126" / 12"	126.2	2.4	160.7	29.5	60.0	14320	14323
116" / 6"	115.7	8.1	150.2	23.7	54.2	14321	14324
116" / 0"	115.7	14.1	150.2	17.8	48.3	14322	14325