



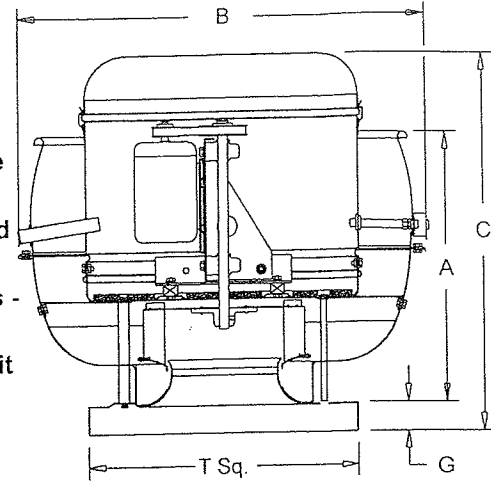
MARK: EF-3  
 PROJECT: NETA - CCCC PH2 2-13-13  
 DATE: 4/2/2013

# VCR

## Upblast Centrifugal Exhaust Ventilator Roof Mounted/Belt Drive

### STANDARD CONSTRUCTION FEATURES:

All aluminum housing - Backward inclined all aluminum wheel - Two piece top cap with stainless steel quick release latches - One piece bottom spinning - Welded curb cap corners - Lifting Lugs - Permanently lubricated ball bearing motors - Oil and heat resistant, static conducting belts - Adjustable pitch drives through 5 hp motor - Corrosion resistant fasteners - Regreasable bearings in cast iron pillow block housing, rated at 200,000 hours average life - All fans factory adjusted to specified fan RPM - Transit tested packaging.



### Performance

Qty	Catalog Number	Flow (CFM)	SP (inwc)	Fan RPM	Power (HP)	FEG
1	135V4B	1200	.750	1235	.279	n/a

Altitude (ft): 0 Temperature (F): 70

### Motor Information

HP	RPM	Volts/Ph/Hz	Enclosure	Mounted	TOL
1/3	1725	115/1/60	ODP -SE	Yes	Yes

### Sound Data Inlet Sound Power by Octave Band

1	2	3	4	5	6	7	8	LwA	dBA	Sones
76	80	77	65	61	60	55	51	72	60	10.9

### Accessories:

- PRE-WIRED STD DISCONNECT NEMA 3
- ROOF CURB RCG 18-24H -LESS NLR
- LORENIZED-SPEC.COLOR-(? (TO BE DETERMINED))
- UL762 (327Y-300DEG)
- HINGED SUB BASE 20T
- KEYWAY GREASE TROUGH
- BELT TENSIONR-ROTARY
- SPARE BELT SET
- EZ CLEAN WHEEL COATING
- NO EXTENSION NEED TO GET 40" ABOVE ROOF W/24" CRB

### Dimensions (inches)

A	19-1/16
B	30-3/16
C	28-5/8
G	2
T Sq.	20
Roof Open. Sq.*	15-1/2

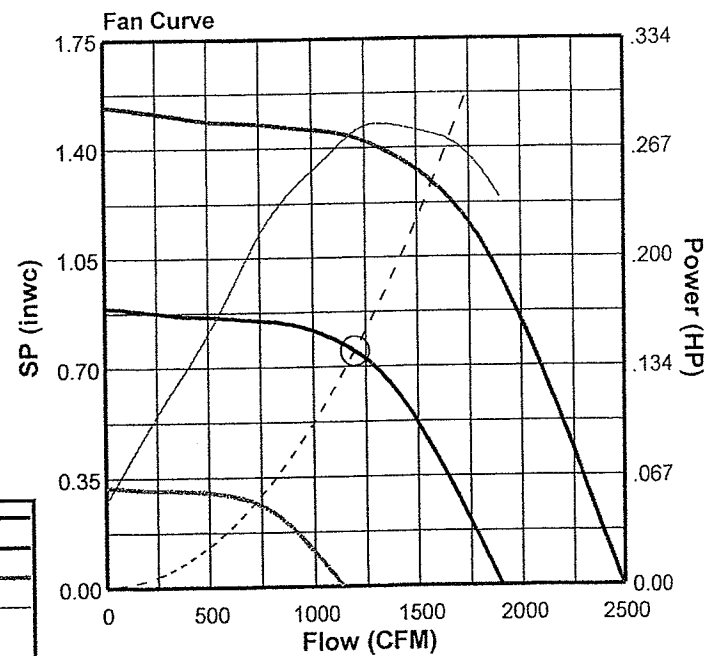
NOTE: Accessories may affect dimensions shown.

Shipping Weight(lbs)\*\*\* 128

\*Roof opening size for curbs supplied by Cook only.  
 \*\*\*Includes fan, motor & accessories.

### Fan Curve Legend

CFM vs SP (1235)	—
MaxRPM( 1620)	—
MinRPM(740)	—
CFM vs HP	—
Point of Operation	○
System Curve	—





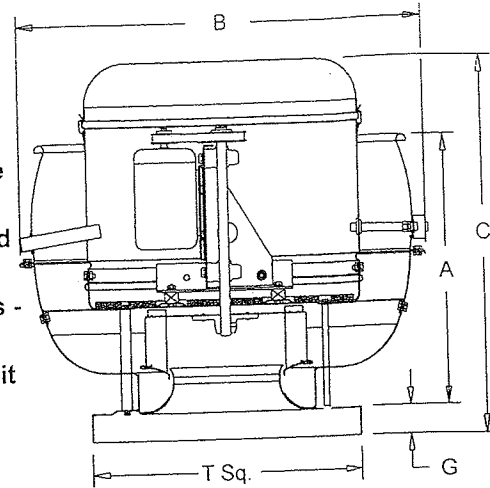
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 PROJECT: NETA - CCCC PH2 2-13-13  
 DATE: 4/2/2013

# VCR

## Upblast Centrifugal Exhaust Ventilator Roof Mounted/Belt Drive

### STANDARD CONSTRUCTION FEATURES:

All aluminum housing - Backward inclined all aluminum wheel - Two piece top cap with stainless steel quick release latches - One piece bottom spinning - Welded curb cap corners - Lifting Lugs - Permanently lubricated ball bearing motors - Oil and heat resistant, static conducting belts - Adjustable pitch drives through 5 hp motor - Corrosion resistant fasteners - Regreasable bearings in cast iron pillow block housing, rated at 200,000 hours average life - All fans factory adjusted to specified fan RPM - Transit tested packaging.



Dimensions (inches)

A	25-15/16
B	45-1/4
C	38-3/8
G	3
T Sq.	30
Roof Open. Sq.*	25-1/2

NOTE: Accessories may affect dimensions shown.  
 \*Roof opening size for curbs supplied by Cook only.  
 \*\*\*includes fan, motor & accessories.

Shipping Weight(lbs)\*\*\* 348

### Performance (\*Bhp includes 9% drive loss)

Qty	Catalog Number	Flow (CFM)	SP (inwc)	Fan RPM	Power* (HP)	FEG
1	210V8B	3150	1.00	883	.900	n/a

Altitude (ft): 0 Temperature (F): 70

### Motor Information

HP	RPM	Volts/Ph/Hz	Enclosure	Mounted
1-1/2	1725	460/3/60	TEFC -PE	Yes

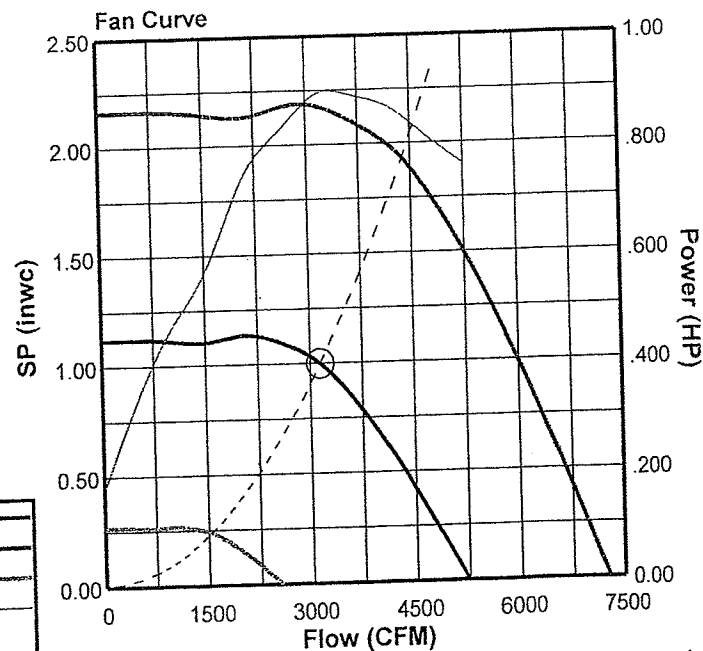
NEMA Premium® efficiency motor per MG-1 (2006) Table 12-12

### Sound Data Inlet Sound Power by Octave Band

1	2	3	4	5	6	7	8	LwA	dBA	Sones
70	76	76	67	63	61	56	52	72	60	10.4

### Accessories:

- Premium Efficiency Motor (Min. 86.5%)
- PRE-WIRED STD DISCONNECT NEMA 3
- ROOF CURB RCG 28-24H -LESS NLR
- LORENIZED-SPEC.COLOR-(? (TO BE DETERMINED))
- UL762 (327Y-300DEG)
- HINGED SUB BASE 30T
- KEYWAY GREASE TROUGH
- BELT TENSIONR-ROTARY
- SPARE BELT SET
- EZ CLEAN WHEEL COATING



### Fan Curve Legend

CFM vs SP (883)	——
MaxRPM(1227)	——
MinRPM(430)	——
CFM vs HP	——
Point of Operation	○
System Curve	-----



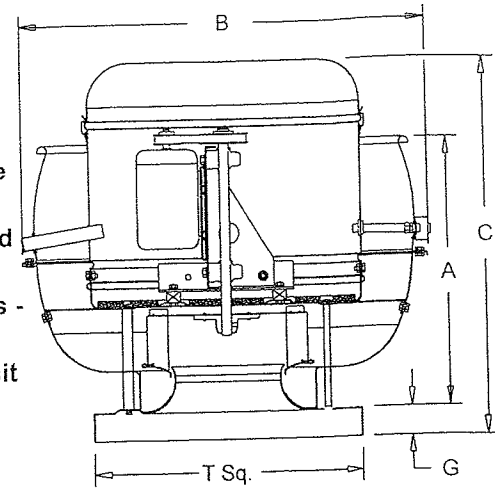
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 PROJECT: NETA - CCCC PH2 2-13-13  
 DATE: 4/2/2013

# VCR-HP

Upblast Centrifugal  
 Exhaust Ventilator  
 Roof Mounted/Belt Drive

**STANDARD CONSTRUCTION FEATURES:**

All aluminum housing - Backward inclined all aluminum wheel - Two piece top cap with stainless steel quick release latches - One piece bottom spinning - Welded curb cap corners - Lifting Lugs - Permanently lubricated ball bearing motors - Oil and heat resistant, static conducting belts - Adjustable pitch drives through 5 hp motor - Corrosion resistant fasteners - Regreasable bearings in cast iron pillow block housing, rated at 200,000 hours average life - All fans factory adjusted to specified fan RPM - Transit tested packaging.



**Dimensions (inches)**

A	25-15/16
B	45-1/4
C	35-3/8
G	3
T Sq.	30
Roof Open. Sq.*	25-1/2

NOTE: Accessories may affect dimensions shown.  
 \*Roof opening size for curbs supplied by Cook only.  
 \*\*\*Includes fan, motor & accessories.

**Shipping Weight(lbs)\*\*\* 345**

**Performance (\*Bhp includes 8% drive loss)**

Qty	Catalog Number	Flow (CFM)	SP (inwc)	Fan RPM	Power* (HP)	FEG
1	210VH9B	3637	1.25	1231	1.48	60

Altitude (ft): 0 Temperature (F): 70

**Motor Information**

HP	RPM	Volts/Ph/Hz	Enclosure	Mounted
2	1725	460/3/60	TEFC -PE	Yes

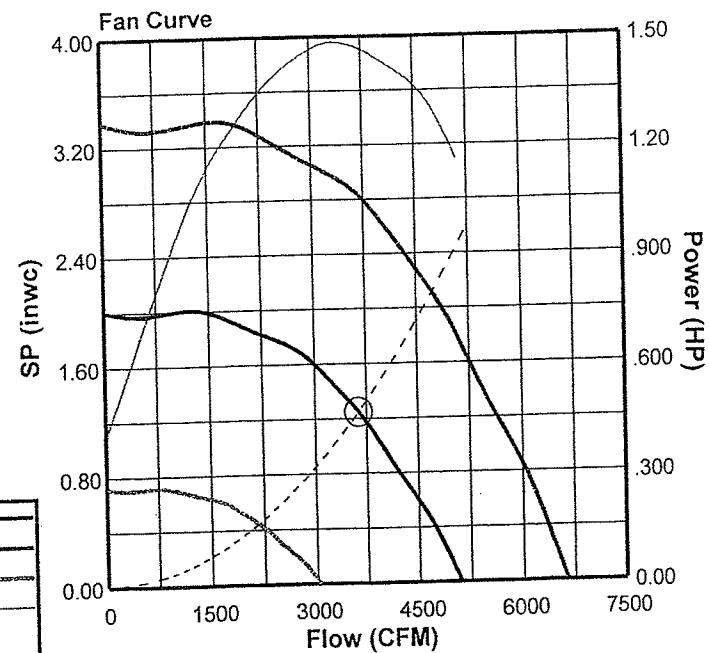
NEMA Premium® efficiency motor per MG-1 (2006) Table 12-12

**Sound Data Inlet Sound Power by Octave Band**

1	2	3	4	5	6	7	8	LwA	dBA	Sones
75	80	83	80	72	72	68	64	81	70	17.4

**Accessories:**

- Premium Efficiency Motor (Min. 86.5%)
- PRE-WIRED STD DISCONNECT NEMA 3
- ROOF CURB RCG 28-24H -LESS NLR
- LORENIZED-SPEC.COLOR-(? (TO BE DETERMINED))
- UL762 (327Y-300DEG)
- HINGED SUB BASE 30T
- KEYWAY GREASE TROUGH
- BELT TENSIONR-ROTARY
- SPARE BELT SET
- EZ CLEAN WHEEL COATING



**Fan Curve Legend**

CFM vs SP (1231)	——
MaxRPM( 1600)	——
MinRPM(735)	——
CFM vs HP	——
Point of Operation	○
System Curve	-----



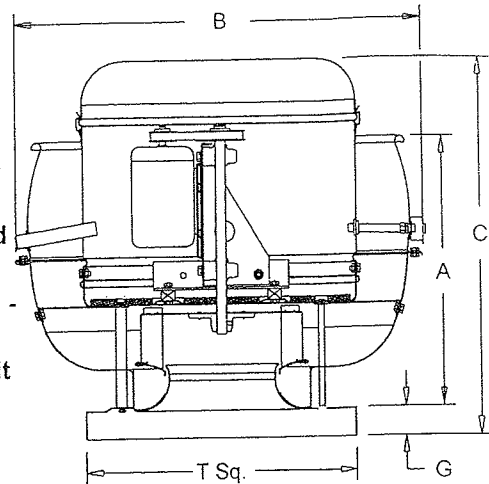
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 PROJECT: NETA - CCCC PH2 2-13-13  
 DATE: 4/2/2013

# VCR

## Upblast Centrifugal Exhaust Ventilator Roof Mounted/Belt Drive

### STANDARD CONSTRUCTION FEATURES:

All aluminum housing - Backward inclined all aluminum wheel - Two piece top cap with stainless steel quick release latches - One piece bottom spinning - Welded curb cap corners - Lifting Lugs - Permanently lubricated ball bearing motors - Oil and heat resistant, static conducting belts - Adjustable pitch drives through 5 hp motor - Corrosion resistant fasteners - Regreasable bearings in cast iron pillow block housing, rated at 200,000 hours average life - All fans factory adjusted to specified fan RPM - Transit tested packaging.



### Performance (\*Bhp includes 7% drive loss)

Qty	Catalog Number	Flow (CFM)	SP (inwc)	Fan RPM	Power* (HP)	FEG
1	245V10B	5425	1.25	883	2.06	63

Altitude (ft): 0 Temperature (F): 70

### Motor Information

HP	RPM	Volts/Ph/Hz	Enclosure	Mounted
3	1725	460/3/60	TEFC -PE	Yes

NEMA Premium® efficiency motor per MG-1 (2006) Table 12-12

### Sound Data Inlet Sound Power by Octave Band

1	2	3	4	5	6	7	8	LwA	dBA	Sones
81	86	84	74	68	67	62	60	79	67	16.7

### Accessories:

- Premium Efficiency Motor (Min. 89.5%)
- PRE-WIRED STD DISCONNECT NEMA 3
- ROOF CURB RCG 28-24H -LESS NLR
- LORENIZED-SPEC.COLOR-(? (TO BE DETERMINED))
- UL762 (327Y-300DEG)
- HINGED SUB BASE 30T
- KEYWAY GREASE TROUGH
- BELT TENSIONR-ROTARY
- SPARE BELT SET
- EZ CLEAN WHEEL COATING

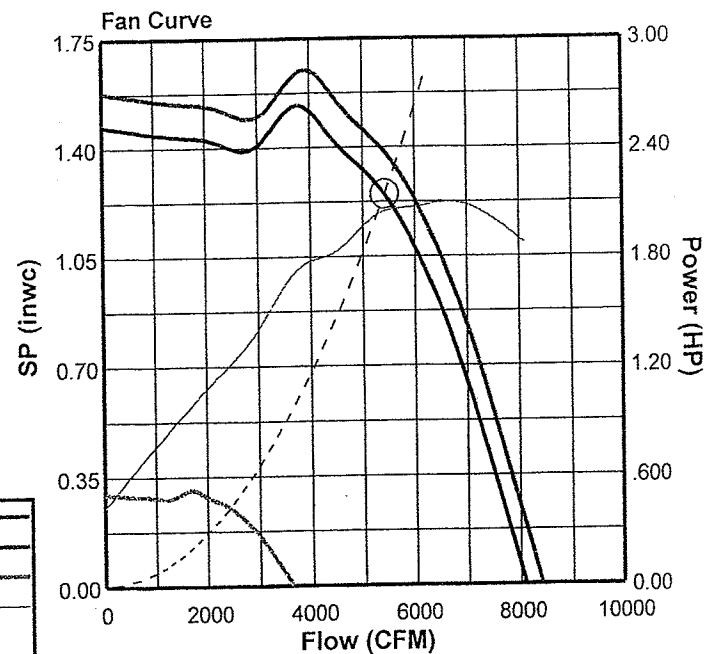
### Dimensions (inches)

A	28-1/2
B	49-1/4
C	41-1/16
G	3
T Sq.	30
Roof Open. Sq.*	25-1/2

NOTE: Accessories may affect dimensions shown.

Shipping Weight(lbs)\*\*\* 435

\*Roof opening size for curbs supplied by Cook only.  
 \*\*\*Includes fan, motor & accessories.





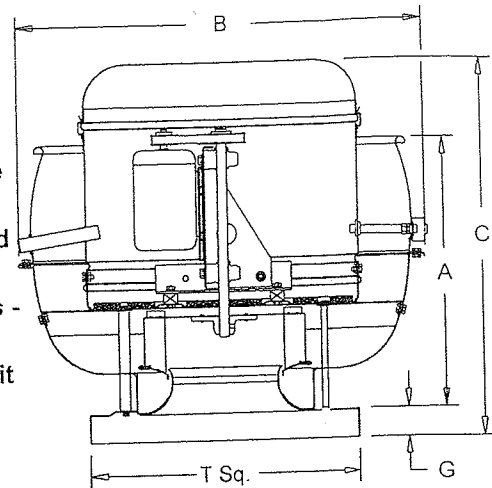
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 PROJECT: NETA - CCCC PH2 2-13-13  
 DATE: 4/2/2013

# VCR

## Upblast Centrifugal Exhaust Ventilator Roof Mounted/Belt Drive

### STANDARD CONSTRUCTION FEATURES:

All aluminum housing - Backward inclined all aluminum wheel - Two piece top cap with stainless steel quick release latches - One piece bottom spinning - Welded curb cap corners - Lifting Lugs - Permanently lubricated ball bearing motors - Oil and heat resistant, static conducting belts - Adjustable pitch drives through 5 hp motor - Corrosion resistant fasteners - Regreasable bearings in cast iron pillow block housing, rated at 200,000 hours average life - All fans factory adjusted to specified fan RPM - Transit tested packaging.



### Performance (\*Bhp includes 15% drive loss)

Qty	Catalog Number	Flow (CFM)	SP (inwc)	Fan RPM	Power* (HP)	FEG
1	135V5B	1300	.750	1265	.304	n/a

Altitude (ft): 0 Temperature (F): 70

### Motor Information

HP	RPM	Volts/Ph/Hz	Enclosure	Mounted
1/2	1725	115/1/60	TEFC -SE	Yes

### Sound Data Inlet Sound Power by Octave Band

1	2	3	4	5	6	7	8	LwA	dBA	Sones
77	81	78	66	62	61	56	52	73	61	11.6

### Accessories:

- PRE-WIRED STD DISCONNECT NEMA 3
- ROOF CURB RCG 18-24H -LESS NLR
- LORENIZED-SPEC.COLOR-(? (TO BE DETERMINED))
- UL762 (327Y-300DEG)
- HINGED SUB BASE 20T
- KEYWAY GREASE TROUGH
- BELT TENSIONR-ROTARY
- SPARE BELT SET
- EZ CLEAN WHEEL COATING

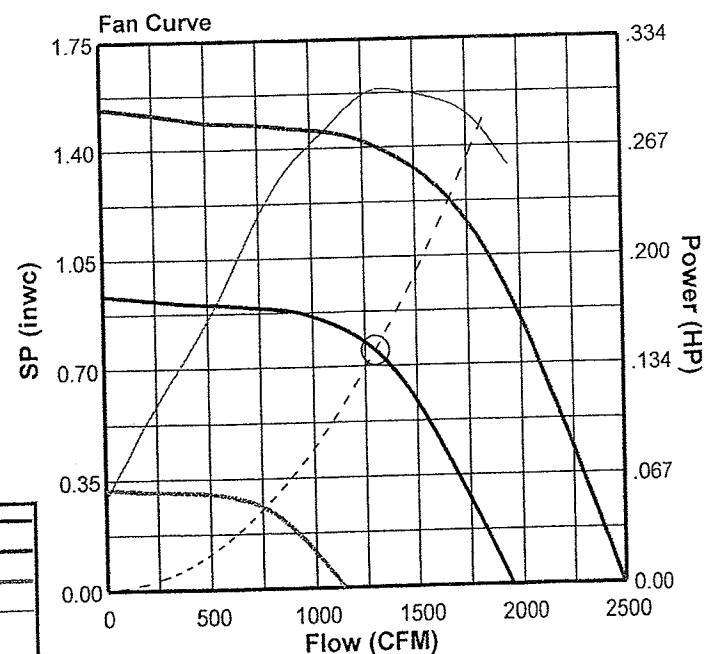
### Dimensions (inches)

A	19-1/16
B	30-3/16
C	28-5/8
G	2
T Sq.	20
Roof Open. Sq.*	15-1/2

NOTE: Accessories may affect dimensions shown.

Shipping Weight(lbs)***	140
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\*Roof opening size for curbs supplied by Cook only.  
 \*\*\*Includes fan, motor & accessories.





# RCG

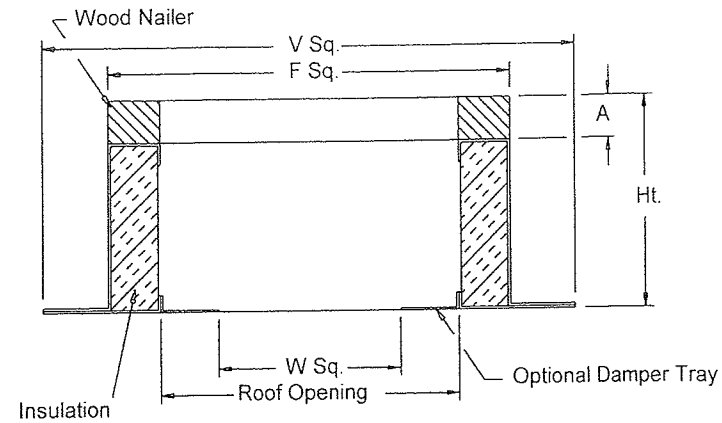
## Galvanized Steel Roof Curb

### STANDARD CONSTRUCTION FEATURES:

18 gauge galvanized steel - 1-1/2",  
 3 lbs. density thermal and acoustical  
 insulation - Continuously welded corners -  
 Wood nailer.

Options:(As noted below\*)

- 1) No wood nailer (deduct 1-1/2" for actual height).
- 2) Damper tray.



### Dimensions (inches)

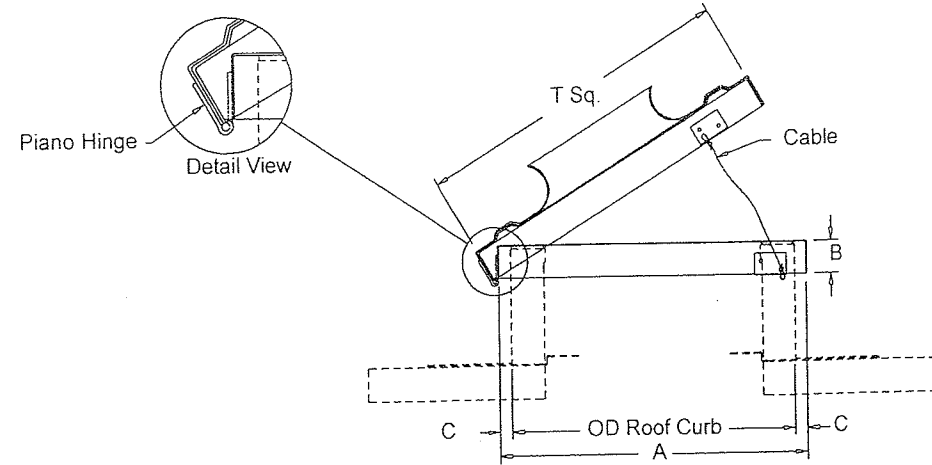
Mark	Qty	Description	Ht	Options*	A	F Sq.	V Sq.	W Sq.	Roof Opening
SEF-1-2	2	RCG 82	13.5	1;	1-1/2	82-1/2	86-1/2	75-3/4	79-1/2
SEF-4	1	RCG 64	13.5	1;	1-1/2	64-1/2	68-1/2	57-3/4	61-1/2
SEF-7-8	2	RCG 52	13.5	1;	1-1/2	52-1/2	56-1/2	45-3/4	49-1/2
EF-3	1	RCG 18	24	1;	1-1/2	18-1/2	22-1/2	11-3/4	15-1/2
EF-4	1	RCG 28	24	1;	1-1/2	28-1/2	32-1/2	21-3/4	25-1/2
EF-5	1	RCG 34	24	2;	1-1/2	34-1/2	38-1/2	27-3/4	31-1/2
EF-6	1	RCG 28	24	1; 2;	1-1/2	28-1/2	32-1/2	21-3/4	25-1/2
EF-7	1	RCG 28	24	1;	1-1/2	28-1/2	32-1/2	21-3/4	25-1/2
EF-8	1	RCG 28	24	1;	1-1/2	28-1/2	32-1/2	21-3/4	25-1/2
EF-9	1	RCG 18	24	1;	1-1/2	18-1/2	22-1/2	11-3/4	15-1/2
EF10	1	RCG 18	24	2;	1-1/2	18-1/2	22-1/2	11-3/4	15-1/2
EF-11	1	RCG 16	24	2;	1-1/2	16-1/2	20-1/2	9-3/4	13-1/2
EF16A-B	2	RCG 16	24	2;	1-1/2	16-1/2	20-1/2	9-3/4	13-1/2
EF-21	1	RCG 16	24	2;	1-1/2	16-1/2	20-1/2	9-3/4	13-1/2
EF12	1	RCG 16	13.5	2;	1-1/2	16-1/2	20-1/2	9-3/4	13-1/2



PROJECT: NETA - CCCC PH2 2-13-13  
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# HINGED BASE

## Assembly



### Dimensions (inches)

Mark	Qty	Description	A I.D.	B	C	Cable	OD Curb	T.Sq.
EF-3	1	HINGED SUB BASE 20T	19-3/8	2-1/4	1/4	32	18-1/2	20
EF-4	1	HINGED SUB BASE 30T	29-3/8	3-1/4	1/4	46	28-1/2	30
EF-7	1	HINGED SUB BASE 30T	29-3/8	3-1/4	1/4	46	28-1/2	30
EF-8	1	HINGED SUB BASE 30T	29-3/8	3-1/4	1/4	46	28-1/2	30
EF-9	1	HINGED SUB BASE 20T	19-3/8	2-1/4	1/4	32	18-1/2	20