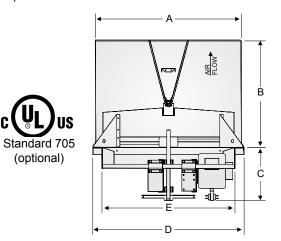


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MODEL UBS BELT DRIVE UPBLAST PROPELLER ROOF EXHAUSTER

STANDARD CONSTRUCTION FEATURES

- Galvanized Steel Butterfly Dampers.
- Galvanized Steel Windband.
- Lifting Eyes at All Four Corners of Curb Cap.
- Galvanized Curb Cap with Fully Welded Corners.
- Heavy Galvanized Schedule 40 Pipe Frame.
- Cast Iron Pillow Block Bearings with Lube Fittings. Average Life of 200,000 Hours.
- V Belt Drive with Adjustable Motor Sheave. (Standard through 3HP)
- Nationally Recognized and Locally Serviced Motor.
- Heavy Epoxy Coated Steel Hub Plate. Keyed to Fan Shaft.
- Die Formed Epoxy Coated Steel Propeller Blades.
- Integral Galvanized Steel Rain Channel.
- Stainless Steel Damper Rod.
- cULus Listed Standard 705 (optional).

Model							Metal G	letal Gauges Avera		 A - Outside Diameter of Windband. B - Height of Unit Above Curb Cap.
UBS	A	В	С	D	E	F	Wind Shroud	Fan Panel	Wt. Lbs.	 C - Maximum Depth of Unit Below Top of Curb, Actual Depth Varies with Motor
24	30	26	20	32	28	31	18	16	250	Size.
30	36	29	21	38	34	37	18	16	325	 D - Inside Dimension of Square Curb Cap. E - Minimum Inside Dimension of Curb
36	42	31	21	44	40	43	18	16	350	Opening Required for Adequate
42	48	34	22	50	46	49	18	16	425	Clearance of Fan Frame.
48	54	37	26	56	52	55	18	16	450	F - Outside Dimension of Factory Built Pre-fab Curb.
54	60	40	26	62	58	61	18	14	575	
60	66	43	26	68	64	67	18	14	750	

		F	AN SF	ECIFIC	ATION	S		MOTOR SPECIFICATIONS							
Line	Qty.	Model No.	Tag	HP	Volts	Phase	Hertz	Encl							
1															
2															
3															
4															
5															

ACCESSORY ITEMS	1	2	3	4	5	ACCESSORY ITEMS	1	2	3	4	5

Project:	Submitted:
Customer:	Approved:
Location:	





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(optional)

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MODEL UBSRD-HT1 REMOTE DRIVE UPBLAST PROPELLER ROOF EXHAUSTER for HEAT AND SMOKE REMOVAL

FEATURES:

- Successfully tested by independent laboratory for:
- 1000° F for 15 minutes and 500° F for 4 hours 165° F fusible link in damper mechanism
- · Motors located outside the airstream under weather cover
- Heavy-gauge insulated belt tube and cover
- Die formed, epoxy coated, steel propeller blades
- Heavy-gauge G90 steel panel and damper doors
- One piece venturi for maximum efficiency and strength
- · G90 galvanized steel windband
- Galvanized rain channel drain
- Dual groove drives sized for minimum 150% of drive HP
- · Cast iron self-aligning pillow block bearings, sealed, pre-
- lubricated, and furnished with re-lube fittings
- Bearings have minimum 200,000 hour, L50 life

•••	,									
Model	Α	В	С	D	E	F	G	н	I	Wt. (lbs)
24	30	49	22	2	17-1/2	15	29-1/2	28-1/2	25-1/2	310
30	36	52	22	2	17-1/2	15	35-1/2	34-1/2	31-1/2	340
36	42	58	22	2	17-1/2	15	41-1/2	40-1/2	37-1/2	430
42	48	61	22	2	17-1/2	15	47-1/2	46-1/2	43-1/2	490
48	54	64	22	2	17-1/2	15	53-1/2	52-1/2	49-1/2	640
54	60	67	22	2	17-1/2	15	59-1/2	58-1/2	55-1/2	840
60	66	70	22	2	17-1/2	15	65-1/2	64-1/2	61-1/2	1000

- A Outside Diameter Windband
- B Total Height of Unit
- C Housing Height
- D Curb Cap Depth
- E Motor Cover Height
- F Motor Cover Width
- G Inside Dimension of Square Curb Cap
- H OD of factory built prefab curb.
- I Recommended roof opening
- (inside dimension of factory built prefab curb.)

Model	Windband	Curb Cap		erfly nper	Housing (galv)	Drive Support	Channel	Motor	Drive Shaft	Max Motor Frame
	(galv)	(Galv)	Galv	Alum	Front/Back	Channel	Support	Bracket	Size	Size
24	20	14	20	0.04	18	12	12	10	1	145T
30	20	14	20	0.04	18	12	12	10	1	184T
36	20	14	20	0.04	18	12	12	10	1	184T
42	20	14	20	0.04	18	12	12	10	1-7/16	215T
48	20	14	20	0.04	18	12	12	10	1-7/16	215T
54	20	14	20	0.04	18	12	12	10	1-7/16	215T
60	20	14	20	0.04	18	12	12	10	1-7/16	215T

		F	AN SP	ECIFIC	ATI	ONS	\$				MOT		PEC	FIC	ATIC	NS	
Line	Qty.	Model No.	Tag	CFM	S	P	Fan	RPM	BHP	Sones	HP	Volts	Pha	ase	Hert	z	Encl
1																	
2																	
3																	
4																	-
5	5																
	ACCE	SSORY ITE	MS	1	2	3	4	5	AC	CESS		NS	1	2	3	4	5
Proje	roject: Submitted:																
Custo	ustomer: Approved:																
Locat	tion:																





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MODEL UBSRD-HT REMOTE DRIVE UPBLAST PROPELLER ROOF EXHAUSTER for HEAT AND SMOKE REMOVAL

FEATURES:

- Successfully tested by independent laboratory for: 1000° F for 15 minutes and 500° F for 4 hours
- Motors located outside the airstream under weather cover
- · Heavy-gauge insulated belt tube and cover
- Die formed, epoxy coated, steel propeller blades
- Heavy-gauge G90 steel panel and damper doors
- One piece venturi for maximum efficiency and strength
- G90 galvanized steel windband
- Galvanized rain channel drain
- Dual groove drives sized for minimum 150% of drive HP
- Cast iron self-aligning pillow block bearings, sealed,
- pre-lubricated, and furnished with re-lube fittings • Bearings have minimum 200,000 hour, L50 life

							G	•		
Model	Α	В	С	D	E	F	G	н	I	Wt. (lbs)
24	30	49	22	2	17-1/2	15	29-1/2	28-1/2	25-1/2	310
30	36	52	22	2	17-1/2	15	35-1/2	34-1/2	31-1/2	340
36	42	58	22	2	17-1/2	15	41-1/2	40-1/2	37-1/2	430
42	48	61	22	2	17-1/2	15	47-1/2	46-1/2	43-1/2	490
48	54	64	22	2	17-1/2	15	53-1/2	52-1/2	49-1/2	640
54	60	67	22	2	17-1/2	15	59-1/2	58-1/2	55-1/2	840
60	66	70	22	2	17-1/2	15	65-1/2	64-1/2	61-1/2	1000

- A Outside Diameter Windband
- B Total Height of Unit
- **C** Housing Height
- D Curb Cap Depth
- E Motor Cover Height
- F Motor Cover Width
- G Inside Dimension of Square Curb Cap
- H OD of factory built prefab curb.
- I Recommended roof opening (inside dimension of factory built prefab curb.)

Model	Windband	Curb Cap		erfly nper	Housing (galv)	Drive Support	Channel	Motor	Drive Shaft	Max Motor Frame
	(galv)	(Galv)	Galv	Alum	Front/Back	Channel	Support	Bracket	Size	Size
24	20	14	20	0.04	18	12	12	10	1	145T
30	20	14	20	0.04	18	12	12	10	1	184T
36	20	14	20	0.04	18	12	12	10	1	184T
42	20	14	20	0.04	18	12	12	10	1-7/16	215T
48	20	14	20	0.04	18	12	12	10	1-7/16	215T
54	20	14	20	0.04	18	12	12	10	1-7/16	215T
60	20	14	20	0.04	18	12	12	10	1-7/16	215T

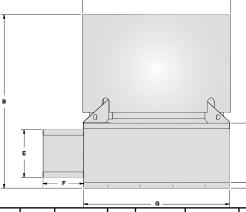
FAN SPECIFICATIONS MOTOR SPECIFICATIONS Model No. CFM SP Fan RPM BHP ΗP Volts Phase Hertz Encl Line Qty. Tag Sones 1 2 3 4 5 ACCESSORY ITEMS 1 ACCESSORY ITEMS 5 2 3 4 5 1 2 3 4 Project: _ _____ Submitted: __

_____ Approved: ____

Customer: _____ Location:



(optic	ptional)												ubricat arings I								
					F	•		• •		·	<u> </u>										
Model	Α	В	С	D	E		F	G		н	I		Wt. (I	bs)					eter W f Unit	ndb	and
24	30	49	22	2	17-1/	/2	15	29-1/2	28	3-1/2	25-	1/2	31	0	C - I	Hous	ing H	leigl	ht		
30	36	52	22	2	17-1/	/2	15	35-1/2	34	4-1/2	31-	1/2	34	0			Cap r Cov		oth Ieight		
36	42	58	22	2	17-1/	/2	15	41-1/2	40)-1/2	37-	1/2	43	0	F - N	Notor	Cov	er V	Vidth	~	
42	48	61	22	2	17-1/	/2	15	47-1/2	46	6-1/2	43-	1/2	49	0		Inside Curb		nens	sion of	Squ	are
48	54	64	22	2	17-1/	/2	15	53-1/2	52	2-1/2	49-	1/2	64	0	H-(OD o	f fact	ory	built pr I roof o	efab) curb
54	60	67	22	2	17-1/	/2	15	59-1/2	58	3-1/2	55-	1/2	84	0					ion of t		
60	66	70	22	2	17-1/	/2	15	65-1/2	64	4-1/2	61-	1/2	100	0	I	prefa	b cur	ъ.)			
Model		ndband	Curb		Butt Dan			Housi (galv		Dri Sup			annel	-	otor		ive aft	M	lax Mo Fram		-
		(galv)	(Ga	IV)	Galv	Alu	ım	Front/B	ack	Char		Su	oport	Bra	cket	_	ze		Size	-	
24		20	14	4	20	0.0	04	18		12	2		12	1	10		1	T	145	Г	1
30		20	14	4	20	0.0	04	18		1:	2		12	1	0		1		184	Г	
36		20	14	4	20	0.0	04	18		12	2		12	1	0		1		184	Г	
42		20	14	1	20	0.0	04	18		12	2	·	12	1	0	1-7	7/16		215	Г	
48		20	14	4	20	0.0	04	18		12	2	·	12	1	0	1-7	7/16		215	Γ	
54		20	14	1	20	0.0	04	18		12	2	·	12	1	0	1-7	7/16		215	Г	
60		20	14	4	20	0.0	04	18		12	2		12	1	0	1-7	7/16		215	Γ	
			FA	N SF	PECIFI	CAT	ΓΙΟΙ	NS						MO	TOR	SP	ECIF	FIC	ATIO	NS	i
Line	Qty.	Model	No.	Tag	CFM		SP	Fan	RPM	BHF	D S	ones	н	Ρ	Volt	ts	Pha	se	Hert	z	Encl
1																					
2																					
3																					
4						_					_										
5																			<u> </u>		
A	CCE	SSOR	Y ITEN	IS	1	2	2	3 4	5	A	CCI	ESS	ORY	ITE	MS		1	2	3	4	5
Projec	st:												Si	ıhmi	itted:						
Custo															ved:						
Locati													1	1.5							
L																					



MODEL UBSRD REMOTE DRIVE UPBLAST PROPELLER ROOF EXHAUSTER

FEATURES:

- Motors located outside the airstream under weather cover
- Die formed, epoxy coated, steel propeller blades
- Heavy-gauge G90 steel panel and damper doors
- One piece venturi for maximum efficiency and strength
- · G90 galvanized steel windband
- Galvanized rain channel drain
- Drives sized for minimum 150% of drive HP
- · Cast iron self-aligning pillow block bearings, sealed,

Model	Α	В	С	
24	30	49	22	

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Standard 705





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MODEL UBSRD-HT REMOTE DRIVE UPBLAST PROPELLER ROOF EXHAUSTER for HEAT AND SMOKE REMOVAL

FEATURES:

- Successfully tested by independent laboratory for: 1000° F for 15 minutes and 500° F for 4 hours
- Motors located outside the airstream under weather cover
- · Heavy-gauge insulated belt tube and cover
- Die formed, epoxy coated, steel propeller blades
- Heavy-gauge G90 steel panel and damper doors
- One piece venturi for maximum efficiency and strength
- G90 galvanized steel windband
- Galvanized rain channel drain
- Dual groove drives sized for minimum 150% of drive HP
- Cast iron self-aligning pillow block bearings, sealed,
- pre-lubricated, and furnished with re-lube fittings • Bearings have minimum 200,000 hour, L50 life

							G	•		
Model	Α	В	С	D	E	F	G	н	I	Wt. (lbs)
24	30	49	22	2	17-1/2	15	29-1/2	28-1/2	25-1/2	310
30	36	52	22	2	17-1/2	15	35-1/2	34-1/2	31-1/2	340
36	42	58	22	2	17-1/2	15	41-1/2	40-1/2	37-1/2	430
42	48	61	22	2	17-1/2	15	47-1/2	46-1/2	43-1/2	490
48	54	64	22	2	17-1/2	15	53-1/2	52-1/2	49-1/2	640
54	60	67	22	2	17-1/2	15	59-1/2	58-1/2	55-1/2	840
60	66	70	22	2	17-1/2	15	65-1/2	64-1/2	61-1/2	1000

- A Outside Diameter Windband
- B Total Height of Unit
- **C** Housing Height
- D Curb Cap Depth
- E Motor Cover Height
- F Motor Cover Width
- G Inside Dimension of Square Curb Cap
- H OD of factory built prefab curb.
- I Recommended roof opening (inside dimension of factory built prefab curb.)

Model	Windband (galv)	Curb Cap	Butterfly Damper		Housing (galv)	Drive Support	Channel	Motor	Drive Shaft	Max Motor Frame	
		(Galv)	Galv	Alum	Front/Back	Channel	Support	Bracket	Size	Size	
24	20	14	20	0.04	18	12	12	10	1	145T	
30	20	14	20	0.04	18	12	12	10	1	184T	
36	20	14	20	0.04	18	12	12	10	1	184T	
42	20	14	20	0.04	18	12	12	10	1-7/16	215T	
48	20	14	20	0.04	18	12	12	10	1-7/16	215T	
54	20	14	20	0.04	18	12	12	10	1-7/16	215T	
60	20	14	20	0.04	18	12	12	10	1-7/16	215T	

FAN SPECIFICATIONS MOTOR SPECIFICATIONS Model No. CFM SP Fan RPM BHP ΗP Volts Phase Hertz Encl Line Qty. Tag Sones 1 2 3 4 5 ACCESSORY ITEMS 1 ACCESSORY ITEMS 5 2 3 4 5 1 2 3 4 Project: _ _____ Submitted: __

_____ Approved: ____

Customer: _____ Location:





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(optional)

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MODEL UBSRD-HT1 REMOTE DRIVE UPBLAST PROPELLER ROOF EXHAUSTER for HEAT AND SMOKE REMOVAL

FEATURES:

- Successfully tested by independent laboratory for:
- 1000° F for 15 minutes and 500° F for 4 hours 165° F fusible link in damper mechanism
- · Motors located outside the airstream under weather cover
- Heavy-gauge insulated belt tube and cover
- Die formed, epoxy coated, steel propeller blades
- Heavy-gauge G90 steel panel and damper doors
- One piece venturi for maximum efficiency and strength
- · G90 galvanized steel windband
- Galvanized rain channel drain
- Dual groove drives sized for minimum 150% of drive HP
- · Cast iron self-aligning pillow block bearings, sealed, pre-
- lubricated, and furnished with re-lube fittings
- Bearings have minimum 200,000 hour, L50 life

•••	,									
Model	Α	В	С	D	E	F	G	Н	I	Wt. (lbs)
24	30	49	22	2	17-1/2	15	29-1/2	28-1/2	25-1/2	310
30	36	52	22	2	17-1/2	15	35-1/2	34-1/2	31-1/2	340
36	42	58	22	2	17-1/2	15	41-1/2	40-1/2	37-1/2	430
42	48	61	22	2	17-1/2	15	47-1/2	46-1/2	43-1/2	490
48	54	64	22	2	17-1/2	15	53-1/2	52-1/2	49-1/2	640
54	60	67	22	2	17-1/2	15	59-1/2	58-1/2	55-1/2	840
60	66	70	22	2	17-1/2	15	65-1/2	64-1/2	61-1/2	1000

- A Outside Diameter Windband
- B Total Height of Unit
- C Housing Height
- D Curb Cap Depth
- E Motor Cover Height
- F Motor Cover Width
- G Inside Dimension of Square Curb Cap
- H OD of factory built prefab curb.
- I Recommended roof opening
- (inside dimension of factory built prefab curb.)

Model	Windband	Curb Cap (Galv)	Butterfly Damper		Housing (galv)	Drive Support	Channel	Motor	Drive Shaft	Max Motor Frame	
	(galv)		Galv	Alum	Front/Back	Channel	Support	Bracket	Size	Size	
24	20	14	20	0.04	18	12	12	10	1	145T	
30	20	14	20	0.04	18	12	12	10	1	184T	
36	20	14	20	0.04	18	12	12	10	1	184T	
42	20	14	20	0.04	18	12	12	10	1-7/16	215T	
48	20	14	20	0.04	18	12	12	10	1-7/16	215T	
54	20	14	20	0.04	18	12	12	10	1-7/16	215T	
60	20	14	20	0.04	18	12	12	10	1-7/16	215T	

		F	MOTOR SPECIFICATIONS														
Line Qty. Model No. Tag 0					SP		Fan RPM		BHP	Sones	HP	Volts	Phase		Hertz		Encl
1	1																
2	2																
3																	
4																	
5																	
ACCESSORY ITEMS 1 2 3								5	ACCESSORY ITEMS 1 2 3						3	4	5
													1				
Proje	Project: Submitted:																
Custo	omer:										Approv	/ed:					
Locat	tion:																

