



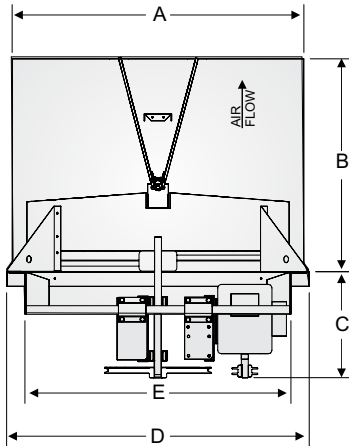
P: 866.733.0233
www.solerpalaucanada.com

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 UBS	A	B	C	D	E	F	Metal Gauges		Average Wt. Lbs.
							Wind Shroud	Fan Panel	
24	30	26	20	32	28	31	18	16	250
30	36	29	21	38	34	37	18	16	325
36	42	31	21	44	40	43	18	16	350
42	48	34	22	50	46	49	18	16	425
48	54	37	26	56	52	55	18	16	450
54	60	40	26	62	58	61	18	14	575
60	66	43	26	68	64	67	18	14	750

- A** - Outside Diameter of Windband.
- B** - Height of Unit Above Curb Cap.
- C** - Maximum Depth of Unit Below Top of Curb, Actual Depth Varies with Motor Size.
- D** - Inside Dimension of Square Curb Cap.
- E** - Minimum Inside Dimension of Curb Opening Required for Adequate Clearance of Fan Frame.
- F** - Outside Dimension of Factory Built Pre-fab Curb.

FAN SPECIFICATIONS									MOTOR SPECIFICATIONS				
Line	Qty.	Model No.	Tag	CFM	SP	Fan RPM	BHP	Sones	HP	Volts	Phase	Hertz	Encl
1													
2													
3													
4													
5													

ACCESSORY ITEMS					1	2	3	4	5	ACCESSORY ITEMS					1	2	3	4	5
<input type="checkbox"/>										<input type="checkbox"/>									
<input type="checkbox"/>										<input type="checkbox"/>									
<input type="checkbox"/>										<input type="checkbox"/>									
<input type="checkbox"/>										<input type="checkbox"/>									
<input type="checkbox"/>										<input type="checkbox"/>									

Project: _____ Submitted: _____
 Customer: _____ Approved: _____
 Location: _____

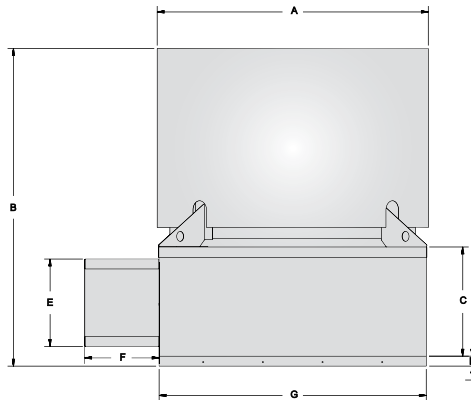


P: 866.733.0233
www.solerpalaucanada.com

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	A	B	C	D	E	F	G	H	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 (Galv)	Butterfly Damper		Housing (galv)	Drive Support Channel	Channel Support	Motor Bracket	Drive Shaft Size	Max Motor Frame Size
			Galv	Alum	Front/Back					
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				
Line	Qty.	Model No.	Tag	CFM	SP	Fan RPM	BHP	Sones	HP	Volts	Phase	Hertz	Encl
1													
2													
3													
4													
5													

ACCESSORY ITEMS					ACCESSORY ITEMS						
	1	2	3	4	5		1	2	3	4	5
<input type="checkbox"/>						<input type="checkbox"/>					
<input type="checkbox"/>						<input type="checkbox"/>					

Project: _____ Submitted: _____
 Customer: _____ Approved: _____
 Location: _____



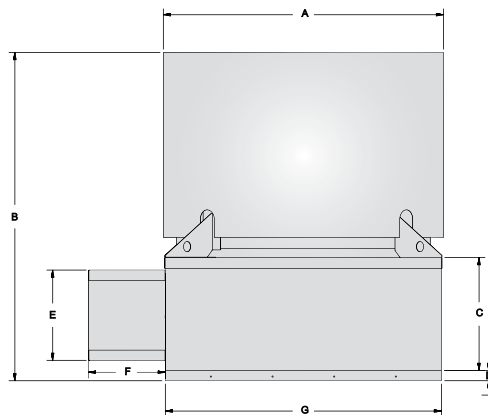
P: 866.733.0233
www.solerpalaucanada.com



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



Model	A	B	C	D	E	F	G	H	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 (Galv)	Butterfly Damper		Housing (galv)	Drive Support Channel	Channel Support	Motor Bracket	Drive Shaft Size	Max Motor Frame Size
			Galv	Alum	Front/Back					
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				
Line	Qty.	Model No.	Tag	CFM	SP	Fan RPM	BHP	Sones	HP	Volts	Phase	Hertz	Encl
1													
2													
3													
4													
5													

ACCESSORY ITEMS					ACCESSORY ITEMS						
	1	2	3	4	5		1	2	3	4	5
<input type="checkbox"/>						<input type="checkbox"/>					
<input type="checkbox"/>						<input type="checkbox"/>					

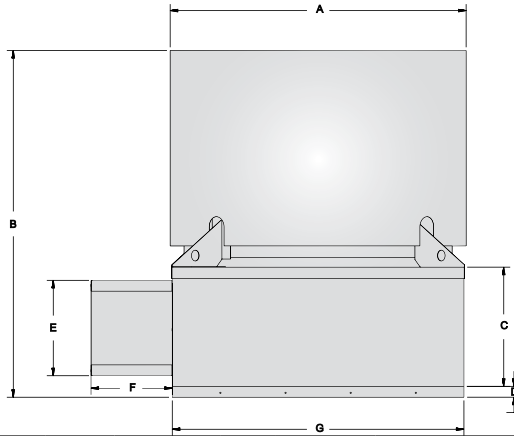
Project: _____ Submitted: _____
 Customer: _____ Approved: _____
 Location: _____



P: 866.733.0233
www.solerpalaucanada.com



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, pre-lubricated, and furnished with re-lube fittings
- Bearings have minimum 200,000 hour, L50 life

Model	A	B	C	D	E	F	G	H	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 (Galv)	Butterfly Damper		Housing (galv) Front/Back	Drive Support Channel	Channel Support	Motor Bracket	Drive Shaft Size	Max Motor Frame Size
			Galv	Alum						
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				
Line	Qty.	Model No.	Tag	CFM	SP	Fan RPM	BHP	Sones	HP	Volts	Phase	Hertz	Encl
1													
2													
3													
4													
5													

ACCESSORY ITEMS					ACCESSORY ITEMS				
1	2	3	4	5	1	2	3	4	5
<input type="checkbox"/>					<input type="checkbox"/>				
<input type="checkbox"/>					<input type="checkbox"/>				

Project: _____ Submitted: _____
 Customer: _____ Approved: _____
 Location: _____



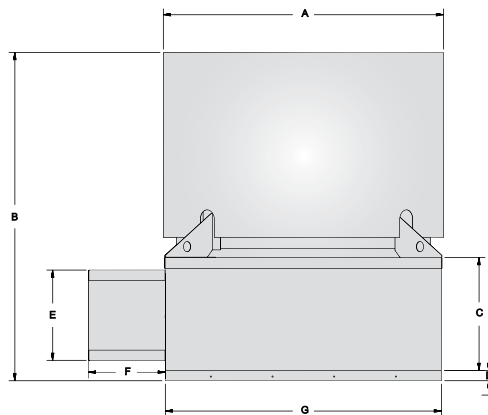
P: 866.733.0233
www.solerpalaucanada.com



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



Model	A	B	C	D	E	F	G	H	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 (Galv)	Butterfly Damper		Housing (galv)	Drive Support Channel	Channel Support	Motor Bracket	Drive Shaft Size	Max Motor Frame Size
			Galv	Alum	Front/Back					
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				
Line	Qty.	Model No.	Tag	CFM	SP	Fan RPM	BHP	Sones	HP	Volts	Phase	Hertz	Encl
1													
2													
3													
4													
5													

ACCESSORY ITEMS					ACCESSORY ITEMS						
	1	2	3	4	5		1	2	3	4	5
<input type="checkbox"/>						<input type="checkbox"/>					
<input type="checkbox"/>						<input type="checkbox"/>					

Project: _____ Submitted: _____
 Customer: _____ Approved: _____
 Location: _____

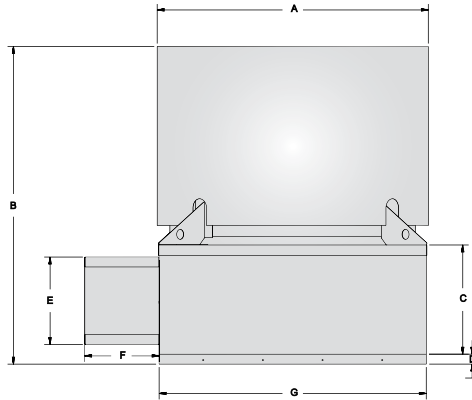


P: 866.733.0233
www.solerpalaucanada.com

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	A	B	C	D	E	F	G	H	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 (Galv)	Butterfly Damper		Housing (galv)	Drive Support Channel	Channel Support	Motor Bracket	Drive Shaft Size	Max Motor Frame Size
			Galv	Alum	Front/Back					
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				
Line	Qty.	Model No.	Tag	CFM	SP	Fan RPM	BHP	Sones	HP	Volts	Phase	Hertz	Encl
1													
2													
3													
4													
5													

ACCESSORY ITEMS					ACCESSORY ITEMS						
	1	2	3	4	5		1	2	3	4	5
<input type="checkbox"/>						<input type="checkbox"/>					
<input type="checkbox"/>						<input type="checkbox"/>					

Project: _____ Submitted: _____
 Customer: _____ Approved: _____
 Location: _____