



TECV-XXXT-X.XRB

TILTING RIBBON BLENDER

GENERAL DESCRIPTION

The TUCS TILTING RIBBON BLENDER is designed to gently and thoroughly mix and blend the most delicate of products. Available in tilting models having 2.5, 5, 7.5 or 10 cubic foot capacities as measured to the top of the helical coil shaft. Outboard rotary shaft seals allow for quick and easy cleaning without having to remove the mixer. Multiple blender designs or custom designs for your products. Bottom discharge port.



7.5CF Tilting Ribbon Blender

CERTIFICATIONS

ANSI/UL-197, NSF/ANSI-4



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ITEM NO.

PROJECT

QUANTITY

AIA NO.

CAPACITIES

2.5, 5, 7.5, or 10 cubic foot blending

CONSTRUCTION & FEATURES

All stainless steel construction type 316L product contact surface, type 304L elsewhere ■ Mounted on a stainless steel frame with 4 adjustable legs and anchor pads ■ Non-insulated, single shell construction (see options for various type modified jackets) ■ Powered hinged grate cover allowing safe introduction of ingredients while mixing ■ Pull out step standard for models over 7.5 cubic feet

AGITATOR SYSTEM

Swept surface helical mixer with counter helical coil design ■ External split rotary shaft seals for easy cleaning without removing agitator ■ Agitator easily removable without use of tools ■ 0-18 rpm variable speed agitation with selection of direction, forward or reverse ■ TEFC drive motor with right angle gearbox drive

CONTROLS

NEMA 4X control box attached to kettle below rim ■ Control panel mounted on left or right side of vessel per kitchen plan ■ Start/Stop switch ■ Tilt mechanism, electric, self-locking ■ Programmable water meter with override

TILT MECHANISM

Electric switch activation of tilt ■ Self-locking banana gear

PRODUCT DISCHARGE

3" Butterfly valve ■ When tilted, product is discharged over pour lip

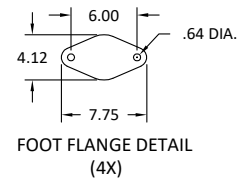
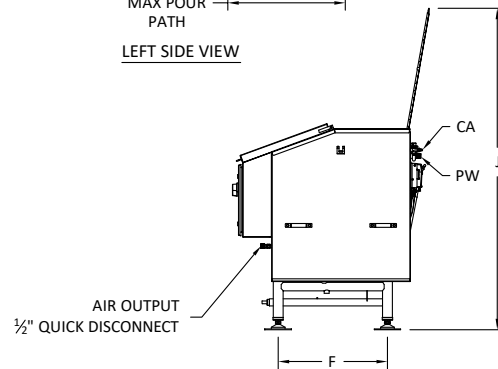
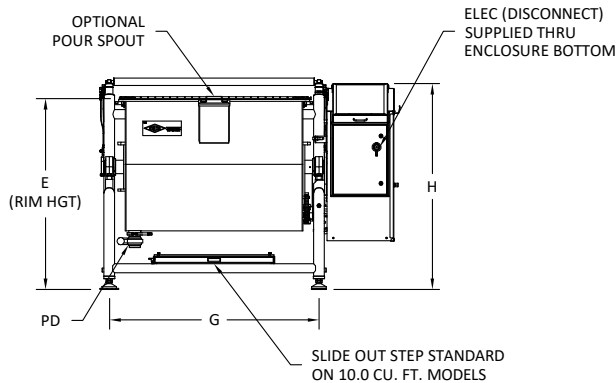
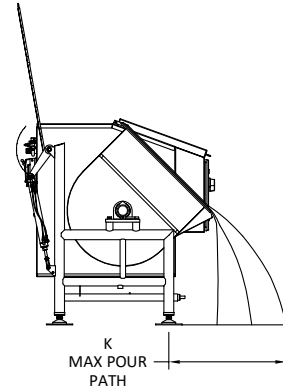
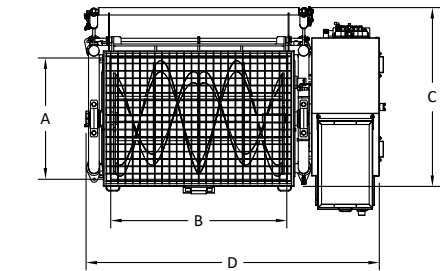
OPTIONS

- Jacket cooling
- Chilled water generator to enable cold tank walls
- Mounted on casters
- Mounted on load cell pads with scale readout
- Stainless steel covered insulated cooling jacket with bottom flush
- Mounted RTD temperature probe
- Slide out convenience step (5/7.5)
- Lid
- Variety of Agitators: ribbon, paddles, scraped

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TILTING RIBBON BLENDER

Scan this QR code with your smart phone to visit our website for more information.



NOTES:

1. SHOWN WITH CONTROL ON RIGHT SIDE. LEFT SIDE AVAILABLE.
2. POTABLE WATER GPM DEPENDANT ON SIZE OF MAIN WATER LINE AND WATER LINE PRESSURE.
3. COMPRESSED AIR RATING SHOWN FOR KETTLE USE ONLY. INCREASED CFM REQUIRED FOR ADDITIONAL EQUIPMENT.
4. FLEXIBLE CONNECTOR HOSES (36"L) PROVIDED BY TUCS FOR CA, AND PW. INSTALLER MUST PROVIDE STAINLESS ELBOWS OR STREET ELBOWS WHEN MAKING FINAL CONNECTIONS.
5. OPTIONAL POUR SPOUT NOT PROVIDED AS A STANDARD FEATURE.
6. CUSTOMER TO PROVIDE REGULATED WATER PRESSURE NOT TO EXCEED 60 PSI.

DIMENSIONS

SIZE	A	B	C	D	E	F	G	H	J	K
2.5	24	28	41	59	45	26	37	56	70	26
5.0	28	34	44	63	47	28	43	56	80	28
7.5	30	44	46	73	49	31	53	56	84	30
10.0	33	48	49	77	53	32	57	56	91	32

UTILITY CONNECTIONS/REQUIREMENTS

* SIZE	COMPRESSED AIR (CA)		POTABLE WATER (PW) 60 PSI MAX		PRODUCT DISCHARGE (PD)	AGITATOR MOTOR	ELECTRIC (ELEC) 3 PH/60 Hz			
	CONNECT SIZE	CFM @ 90 PSI	CONNECT SIZE	MAX GPM			CONNECT SIZE	MOTOR SIZE	FLA @ 208 V	FLA @ 240 V
CU. FT.										
2.5	1/2" QD	1 CFM	1" NPT	20 GPM	3" DC	1/2 HP	5.4 A	4.7 A	2.4 A	
5.0	1/2" QD	1 CFM	1" NPT	20 GPM	3" DC	1 HP	7.2 A	6.3 A	3.2 A	
7.5	1/2" QD	1 CFM	1" NPT	20 GPM	3" DC	1 1/2 HP	8.8 A	7.7 A	3.9 A	
10.0	1/2" QD	1 CFM	1" NPT	20 GPM	3" DC	1 1/2 HP	8.8 A	7.7 A	3.9 A	

* CUBIC FEET AS MEASURED TO THE TOP OF THE HELICAL COIL SHAFT.

RECOMMENDED CLEARANCES

RIGHT HAND KETTLE	
RIGHT SIDE	24"
FROM BACK LEG	18"
LEFT SIDE	12"