TECV-XX-RB-T
TILTING RIBBON BLENDER

GENERAL DESCRIPTION
The TUCS TILTING TIBBON BLENDER is designed to gently and thoroughly mix/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.

CAPACITIES
2.5, 5, 7.5, or 10 cubic foot blending

CONSTRUCTION & FEATURES
All stainless steel construction type 316 product contact surface, type 304 elsewhere
- Mounted on 4 adjustable legs with anchor pads
- Non-insulated, single shell construction (see options for various type insulated jackets)
- Powered hinged grate cover allowing safe introduction of ingredients while mixing
- Pull out step for models over five (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

TILT MECHANISM
Electric switch activation of tilt
- Self-locking banana gear

PRODUCT DISCHARGE
3” Butterfly valve
- When tilted, product is discharged over pour lip

CONTROLS
NEMA 4X control box attached to kettle below rim
- Control panel mounted on left or right side of kettle
- Start/Stop switch
- VFD agitator drive direction
- Tilt mechanism, electric, self-locking
- Programmable water meter with override

OPTIONS
☐ Jacket cooling
☐ Chilled water generator to enable cold tank walls
☐ Mounted on load cell pads with scale readout
☐ Mobile food transport cart
☐ Mounted on casters
☐ Insulated jacket cooling with bottom flush
☐ Mounted RTD temperature probe
☐ Variety of agitators: ribbon, paddles, scraper, scraped

CERTIFICATIONS
ANSI/UL-197, NSF/ANSI-4

TUCS EQUIPMENT, INC.
755 County Road 18 S • Princeton MN 55371
Phone 763-574-7475 Fax 763-574-7472
www.tucsequipment.com
TECV-XX-RB-T
TILTING RIBBON BLENDER

NOTES:
1. SHOWN WITH CONTROL ON RIGHT SIDE. LEFT SIDE AVAILABLE.
2. DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE - CHECK WITH FACTORY.
3. POTABLE WATER GPM DEPENDANT ON SIZE OF MAIN WATER LINE.
4. FLEXIBLE CONNECTOR HOSES (36") PROVIDED BY TUCS FOR CA AND PW. INSTALLER MUST PROVIDE STAINLESS ELBOWS OR STREET ELBOWS WHEN MAKING FINAL CONNECTIONS.
5. COMPRESSED AIR RATING SHOWN FOR KETTLE USE ONLY. INCREASED CFM REQUIRED FOR ADDITIONAL EQUIPMENT.

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>J</th>
<th>K</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>24</td>
<td>28</td>
<td>39</td>
<td>43</td>
<td>45</td>
<td>27</td>
<td>37</td>
<td>56</td>
<td>78</td>
<td>18</td>
</tr>
<tr>
<td>100</td>
<td>28</td>
<td>34</td>
<td>44</td>
<td>70</td>
<td>48</td>
<td>31</td>
<td>45</td>
<td>56</td>
<td>79</td>
<td>19</td>
</tr>
<tr>
<td>150</td>
<td>30</td>
<td>44</td>
<td>46</td>
<td>77</td>
<td>50</td>
<td>31</td>
<td>54</td>
<td>56</td>
<td>83</td>
<td>20</td>
</tr>
<tr>
<td>200</td>
<td>33</td>
<td>48</td>
<td>49</td>
<td>80</td>
<td>52</td>
<td>31</td>
<td>57</td>
<td>56</td>
<td>88</td>
<td>21</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SIZE</th>
<th>CONNECT</th>
<th>COP</th>
<th>GPM</th>
<th>DISCHARGE</th>
<th>HP</th>
<th>FLA @ 208 V</th>
<th>FLA @ 240 V</th>
<th>FLA @ 480 V</th>
<th>PHASE</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>1/4&quot; GD</td>
<td>1 CFM</td>
<td>1&quot; NPT</td>
<td>20 GPM</td>
<td>3&quot; DC</td>
<td>5/8 HP</td>
<td>4.7 A</td>
<td>2.4 A</td>
<td>3 PH/60 HZ</td>
</tr>
<tr>
<td>100</td>
<td>1/4&quot; GD</td>
<td>1 CFM</td>
<td>1&quot; NPT</td>
<td>20 GPM</td>
<td>3&quot; DC</td>
<td>1 HP</td>
<td>7.2 A</td>
<td>6.3 A</td>
<td>3 PH/60 HZ</td>
</tr>
<tr>
<td>150</td>
<td>1/4&quot; GD</td>
<td>1 CFM</td>
<td>1&quot; NPT</td>
<td>20 GPM</td>
<td>3&quot; DC</td>
<td>1 1/2 HP</td>
<td>8.8 A</td>
<td>7.7 A</td>
<td>3 PH/60 HZ</td>
</tr>
<tr>
<td>200</td>
<td>1/4&quot; GD</td>
<td>1 CFM</td>
<td>1&quot; NPT</td>
<td>20 GPM</td>
<td>3&quot; DC</td>
<td>1 1/2 HP</td>
<td>8.8 A</td>
<td>7.7 A</td>
<td>3 PH/60 HZ</td>
</tr>
</tbody>
</table>

01/16/2019

Due to continuous improvements, specifications subject to change without notice.
© 2018 TUCS Equipment. All Rights Reserved.