

AC / EC fans

Energy-efficient fans



- High output
- Energy-efficiency through sustainable design
- EC fans achieve energy savings of up to 50%
- Specifically designed for the storage of potatoes and onions



Tolsma
Storage Technology



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Improving your agribusiness in an intelligent way

AC fans EC fans



Dimensions	Ø A	Ø B	C	D	D**	E
Model	TTR					
5.75	24 5/8"	19 2/3"	10 5/8"	13 1/4"		1 3/4"
6.15	27 1/2"	23 5/8"	11 3/8"	15 5/8"		1 3/4"
7.15	34 5/8"	27 1/2"	14 1/2"	14 1/2"	14 1/2"	1 3/4"
7.22	34 5/8"	27 1/2"	14 1/2"	15 3/4"	16"	1 3/4"
8.22	38 5/8"	31 1/2"	14 1/2"	15 3/4"	16"	1 3/4"
8.30	38 5/8"	31 1/2"	14 1/2"	15 3/4"	16"	1 3/4"
8.40	38 5/8"	31 1/2"	14 1/2"	16 3/8"	14 1/2"	1 3/4"
9.22	42 1/2"	35 1/2"	14 1/2"	15 3/4"	16"	1 3/4"
9.30	42 1/2"	35 1/2"	14 1/2"	15 3/4"	16"	1 3/4"
9.40	42 1/2"	35 1/2"	14 1/2"	16 3/8"	14 1/2"	1 3/4"
9.55	42 1/2"	35 1/2"	14 1/2"	19 7/8"	14 1/2"	1 3/4"
WS	23 1/4"	20 1/8"	18 1/8"	18 1/8"		

Dimensions	Ø A	Ø B	C	D	D**	E
Model	TTR					
100.30	47 1/2"	39 5/8"	14 5/8"	23 5/8"		1 3/4"
100.40	47 1/2"	39 5/8"	14 5/8"	25 1/4"		1 3/4"
100.55	47 1/2"	39 5/8"	14 5/8"	25 1/4"	20 1/8"	1 3/4"
112.30	51 3/8"	44 1/4"	14 5/8"	23 5/8"		1 3/4"
112.40	51 3/8"	44 1/4"	14 5/8"	25 1/4"		1 3/4"
112.55	51 3/8"	44 1/4"	14 5/8"	25 1/4"		1 3/4"
112.75	51 3/8"	44 1/4"	14 5/8"	26 3/4"		1 3/4"
112.110	51 3/8"	44 1/4"	14 5/8"	28 1/2"		1 3/4"
125.40	56 1/2"	49 3/8"	14 5/8"	25 1/4"		1 3/4"
125.55	56 1/2"	49 3/8"	14 5/8"	25 1/4"		1 3/4"
125.75	56 1/2"	49 3/8"	14 5/8"	26 3/4"		1 3/4"
125.110	56 1/2"	49 3/8"	14 5/8"	28 1/2"		1 3/4"

* Also available as an EC fan ** Applies to EC fan
NOTE: availability depends on your local power supply

Model	Free air output	Air output in CFM			Capacity in HP	Capacity in kW
		Static pressure in PSI. n= 1,500 min. ⁻¹				
		0.022	0.036	0.051		
TTR5.75	6,298	4,473	1,766		1	0.75
TTR6.15	11,006	8,770	4,826		2	1.5
TTR7.15*	12,360	10,948	8,888	4,826	2	1.5
TTR7.22*	14,891	12,713	9,094	6,416	3	2.2
TTR8.22*	16,657	14,185	12,242	8,888	3	2.2
TTR8.30*	19,011	16,362	13,890	10,359	4	3.0
TTR8.40*	20,483	18,717	17,363	15,538	5 1/2	4.0
TTR9.22*	17,186	15,450	14,244	12,478	3	2.2
TTR9.30*	19,600	17,245	15,744	14,126	4	3.0
TTR9.40*	23,190	20,953	19,600	17,451	5 1/2	4.0
TTR9.55*	26,133	24,308	22,013	19,776	7 1/2	5.5
WS	4,915				1/2 + 2	0.37+1.5

Model	Free air output	Air output in CFM			Capacity in HP	Capacity in kW
		Static pressure in PSI. n= 1,500 min. ⁻¹				
		0.022	0.036	0.051		
TTRL 100.30	21,248	17,775	14,096		4	3.0
TTRL 100.40	25,162	21,836	18,422		5 1/2	4.0
TTRL 100.55*	28,929	25,956	22,248		7 1/2	5.5
TTRL 112.30	22,690	18,099	14,126		4	3.0
TTRL 112.40	27,663	22,866	18,893		5 1/2	4.0
TTRL 112.55	32,578	28,369	24,043		7 1/2	5.5
TTRL 112.75	37,728	33,461	29,429		10	7.5
TTRL 112.110	45,997	42,172	38,346		14 1/8	11.0
TTRL 125.40	27,987	23,396	19,364		5 1/2	4.0
TTRL 125.55	33,784	28,87	24,956	19,364	7 1/2	5.5
TTRL 125.75	40,347	35,756	32,078	27,104	10	7.5
TTRL 125.110	49,764	45,144	41,289	36,492	14 1/8	11.0

AC fan: suitable for all voltages (with inverter)
EC fan: suitable for 120/208 V and 277/480 V (3 Ph 60 Hz)



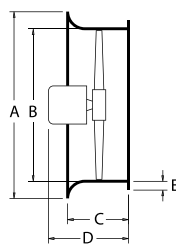
AC fans

- High-output fans
- Enclosed, top-quality motor with maintenance-free bearings
- Fan with 9 or 12 lightweight blades
- Developed and produced in-house

EC fans

- 20% lower energy consumption as standard
- 50% less energy consumed at 80% rotational speed
- Standard speed regulation
- Latest generation DC motors
- Easy installation

Fan cross-section



Fan capacity tables

- Air density (p = 0.075 lb/ft³)
- Motor speed
- Sizes in inches

Test reports for each model according to DIN 24163 available on demand.
In addition to those mentioned above, various other models of fan are available.
Subject to changes.

Subject to changes in construction and implementation and printing errors.

Transport and sorting systems



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