Air Aspirating Nozzle Bodies

Greenleaf Technologies TURBO DROP www.turbodrop.com

TDXL - Turbo Drop Medium Pressure Nozzle

- 30 - 90 psi Optimal pressure range
- 20 - 30,000 acres TDXL Estimated life (60' boom, 20" centers)
- Comes apart by hand, easy to clean (no tools required)
- Air-filled droplets spread on the target surface rather than bouncing off.

Part#	Description	Price
TDXL-110**	Turbo Drop XL Nozzle	$15.23

TDXLV - Low Pressure Turbo Drop XL Venturi Body

Multi purpose low pressure venturi body without exit tip or cap. Accepts standard QuickJet style caps & tips (double the tip size that is normally used for application to allow for air volume also).

Part#	Description	Price
TDVXL-**	Low Pressure Venturi Body	$12.35

TDVC - High Pressure Turbo Drop XL Venturi Body

All purpose ceramic orifice venturi body without exit tip or cap. Accepts standard QuickJet style caps & tips (double the tip size that is normally used for application to allow for air volume also).

Part#	Description	Price
TDVC-**	Low Pressure Venturi Body	$22.87

COMPLETE NOZZLE # (strainer size) Venturi #/Tip #	LIQUID PRESSURE PSI	ASAE DROPLET SIZE	NOZZLE CAPACITY GPM	GALLONS PER ACRE BASED ON 20" NOZZLE SPACING* 4 MPH	5 MPH	6 MPH	8 MPH	10 MPH	12 MPH	14 MPH	16 MPH	18 MPH	20 MPH
TDXL11001 TDCXL11001 (use 50 mesh) TDXLV01 (Venturi Part #) use 02 tip	30	F	0.09	6.4	5.1	4.3	3.2	2.6	2.1	1.8	1.6	1.4	1.3
	40	F	0.10	7.4	5.9	4.9	3.7	3.0	2.5	2.1	1.9	1.6	1.5
	50	M	0.11	8.3	6.6	5.5	4.1	3.3	2.8	2.4	2.1	1.8	1.7
	60	M	0.12	9.1	7.3	6.1	4.5	3.6	3.0	2.6	2.3	2.0	1.8
	70	M	0.13	9.8	7.9	6.5	4.9	3.9	3.3	2.8	2.5	2.2	2.0
	80	F	0.14	10.5	8.4	7.0	5.2	4.2	3.5	3.0	2.6	2.3	2.1
	100	F	0.16	11.7	9.4	7.8	5.9	4.7	3.9	3.4	2.9	2.6	2.3
	120	F	0.17	12.9	10.3	8.6	6.4	5.1	4.3	3.7	3.2	2.9	2.6
TDXL110015 TDCXL110015 (use 50 mesh) TDXLV015 (Venturi Part #) use 03 tip	30	F	0.13	9.6	7.7	6.4	4.8	3.9	3.2	2.8	2.4	2.1	1.9
	40	F	0.15	11.1	8.9	7.4	5.6	4.5	3.7	3.2	2.8	2.5	2.2
	50	M	0.17	12.4	10.0	8.3	6.2	5.0	4.1	3.6	3.1	2.8	2.5
	60	M	0.18	13.6	10.9	9.1	6.8	5.5	4.5	3.9	3.4	3.0	2.7
	70	M	0.20	14.7	11.8	9.8	7.4	5.9	4.9	4.2	3.7	3.3	2.9
	80	M	0.21	15.7	12.6	10.5	7.9	6.3	5.2	4.5	3.9	3.5	3.1
	100	F	0.24	17.6	14.1	11.7	8.8	7.0	5.9	5.0	4.4	3.9	3.5
	120	F	0.26	19.3	15.4	12.9	9.6	7.7	6.4	5.5	4.8	4.3	3.9
TDXL11002 TDCXL11002 (use 50 mesh) TDXLV02 (Venturi Part #) use 04 tip	30	F	0.17	12.9	10.3	8.6	6.4	5.1	4.3	3.7	3.2	2.9	2.6
	40	F	0.20	14.8	11.9	9.9	7.4	5.9	4.9	4.2	3.7	3.3	3.0
	50	M	0.22	16.6	13.3	11.1	8.3	6.6	5.5	4.7	4.1	3.7	3.3
	60	M	0.24	18.2	14.5	12.1	9.1	7.3	6.1	5.2	4.5	4.0	3.6
	70	M	0.26	19.6	15.7	13.1	9.8	7.9	6.5	5.6	4.9	4.4	3.9
	80	M	0.28	21.0	16.8	14.0	10.5	8.4	7.0	6.0	5.2	4.7	4.2
	100	F	0.32	23.5	18.8	15.6	11.7	9.4	7.8	6.7	5.9	5.2	4.7
	120	F	0.35	25.7	20.6	17.1	12.9	10.3	8.6	7.3	6.4	5.7	5.1
TDXL110025 TDCXL110025 (use 50 mesh) TDXLV025 (Venturi Part #) use 05 tip	30	VS	0.22	16.1	12.9	10.7	8.0	6.4	5.4	4.6	4.0	3.6	3.2
	40	F	0.25	18.5	14.8	12.4	9.3	7.4	6.2	5.3	4.6	4.1	3.7
	50	F	0.28	20.7	16.6	13.8	10.4	8.3	6.9	5.9	5.2	4.6	4.1
	60	M	0.31	22.7	18.2	15.1	11.4	9.1	7.6	6.5	5.7	5.0	4.5
	70	M	0.33	24.5	19.6	16.4	12.3	9.8	8.2	7.0	6.1	5.5	4.9
	80	M	0.35	26.2	21.0	17.5	13.1	10.5	8.7	7.5	6.6	5.8	5.2
	100	M	0.40	29.3	23.5	19.6	14.7	11.7	9.8	8.4	7.3	6.5	5.9
	120	F	0.43	32.1	25.7	21.4	16.1	12.9	10.7	9.2	8.0	7.1	6.4
TDXL11003 TDCXL11003 (use 50 mesh) TDXLV03 (Venturi Part #) use 06 tip	30	F	0.26	19.3	15.4	12.9	9.6	7.7	6.4	5.5	4.8	4.3	3.9
	40	F	0.30	22.3	17.8	14.8	11.1	8.9	7.4	6.4	5.6	4.9	4.5
	50	F	0.34	24.9	19.9	16.6	12.4	10.0	8.3	7.1	6.2	5.5	5.0
	60	F	0.37	27.3	21.8	18.2	13.6	10.9	9.1	7.8	6.8	6.1	5.5
	70	M	0.40	29.4	23.6	19.6	14.7	11.8	9.8	8.4	7.4	6.5	5.9
	80	M	0.42	31.5	25.2	21.0	15.7	12.6	10.5	9.0	7.9	7.0	6.3
	100	M	0.47	35.2	28.2	23.5	17.6	14.1	11.7	10.1	8.8	7.8	7.0
	120	M	0.52	38.6	30.8	25.7	19.3	15.4	12.9	11.0	9.6	8.6	7.7
TDXL11004 TDCXL11004 (use 24 mesh) TDXLV04 (Venturi Part #) use 08 tip	30	XC	0.33	25.7	20.6	17.1	12.9	10.3	8.6	7.3	6.4	5.7	5.1
	40	XC	0.40	29.7	23.7	19.8	14.8	11.9	9.9	8.5	7.4	6.6	5.9
	50	XC	0.45	33.2	26.5	22.1	16.6	13.3	11.1	9.5	8.3	7.4	6.6
	60	VS	0.49	36.3	29.1	24.2	18.2	14.5	12.1	10.4	9.1	8.1	7.3
	70	M	0.53	39.3	31.4	26.2	19.6	15.7	13.1	11.2	9.8	8.7	7.9
	80	M	0.57	42.0	33.6	28.0	21.0	16.8	14.0	12.0	10.5	9.3	8.4
	100	M	0.63	46.9	37.5	31.3	23.5	18.8	15.6	13.4	11.7	10.4	9.4
	120	M	0.69	51.4	41.1	34.3	25.7	20.6	17.1	14.7	12.9	11.4	10.3
TDXL11005 TDCXL11005 (use 24 mesh) TDXLV05 (Venturi Part #) use 10 tip	30	XC	0.43	32.2	25.7	21.4	16.1	12.9	10.7	9.2	8.0	7.1	6.4
	40	XC	0.50	37.1	29.7	24.8	18.6	14.9	12.4	10.6	9.3	8.3	7.4
	50	VS	0.56	41.5	33.2	27.7	20.8	16.6	13.8	11.9	10.4	9.2	8.3
	60	VS	0.61	45.5	36.4	30.3	22.7	18.2	15.2	13.0	11.4	10.1	9.1
	70	F	0.66	49.1	39.3	32.8	24.6	19.7	16.4	14.0	12.3	10.9	9.8
	80	F	0.71	52.5	42.0	35.0	26.3	21.0	17.5	15.0	13.1	11.7	10.5
	100	M	0.79	58.7	47.0	39.2	29.4	23.5	19.6	16.8	14.7	13.1	11.7
	120	M	0.87	64.3	51.5	42.9	32.2	25.7	21.4	18.4	16.1	14.3	12.9
TDXL11006 TDCXL11006 (use 24 mesh) TDXLV06 (Venturi Part #) use 12 tip	30	XC	0.52	38.6	30.9	25.7	19.3	15.4	12.9	11.0	9.6	8.6	7.7
	40	XC	0.60	44.6	35.7	29.7	22.3	17.8	14.9	12.7	11.1	9.9	8.9
	50	XC	0.67	49.8	39.9	33.2	24.9	19.9	16.6	14.2	12.5	11.1	10.0
	60	VC	0.74	54.6	43.7	36.4	27.3	21.8	18.2	15.6	13.6	12.1	10.9
	70	VS	0.79	59.0	47.2	39.3	29.5	23.6	19.7	16.8	14.7	13.1	11.8
	80	F	0.85	63.0	50.4	42.0	31.5	25.2	21.0	18.0	15.8	14.0	12.6
	100	M	0.95	70.5	56.4	47.0	35.2	28.2	23.5	20.1	17.6	15.7	14.1
	120	M	1.04	77.2	61.8	51.5	38.6	30.9	25.7	22.1	19.3	17.2	15.4
TDXL11008 TDCXL11008 (use 24 mesh) TDXLV08 (Venturi Part #) use 16 tip	30	XC	0.69	51.2	41.0	34.2	25.6	20.5	17.1	14.6	12.8	11.4	10.2
	40	XC	0.80	59.2	47.3	39.4	29.6	23.7	19.7	16.9	14.8	13.1	11.8
	50	XC	0.89	66.2	52.9	44.1	33.1	26.5	22.1	18.9	16.5	14.7	13.2
	60	XC	0.98	72.5	58.0	48.3	36.2	29.0	24.2	20.7	18.1	16.1	14.5
	70	VC	1.05	78.3	62.6	52.2	39.1	31.3	26.1	22.4	19.6	17.4	15.7
	80	VC	1.13	83.7	66.9	55.8	41.8	33.5	27.9	23.9	20.9	18.6	16.7
	100	F	1.26	93.6	74.8	62.4	46.8	37.4	31.2	26.7	23.4	20.8	18.7
	120	F	1.38	102.5	82.0	68.3	51.2	41.0	34.2	29.3	25.6	22.8	20.5
TDXL11010 TDCXL11010 (use 24 mesh) TDXLV10 (Venturi Part #) use 20 tip	30	XC	0.87	64.3	51.4	42.8	32.1	25.7	21.4	18.4	16.1	14.3	12.9
	40	XC	1.00	74.2	59.4	49.5	37.1	29.7	24.7	21.2	18.5	16.5	14.8
	50	XC	1.12	83.0	66.4	55.3	41.5	33.2	27.7	23.7	20.7	18.4	16.6
	60	XC	1.22	90.9	72.7	60.6	45.4	36.3	30.3	26.0	22.7	20.2	18.2
	70	XC	1.32	98.2	78.5	65.4	49.1	39.3	32.7	28.0	24.5	21.8	19.6
	80	VC	1.41	104.9	83.9	70.0	52.5	42.0	35.0	30.0	26.2	23.3	21.0
	100	VC	1.58	117.3	93.9	78.2	58.7	46.9	39.1	33.5	29.3	26.1	23.5
	120	VC	1.73	128.5	102.8	85.7	64.3	51.4	42.8	36.7	32.1	28.6	25.7

Gasket

Part#	Price
G125	$.52

Diffuser
for use with 80° tips

Part#	Price
DIF4	$1.83

Gasket
Hardi Adapter

Part#	Price
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