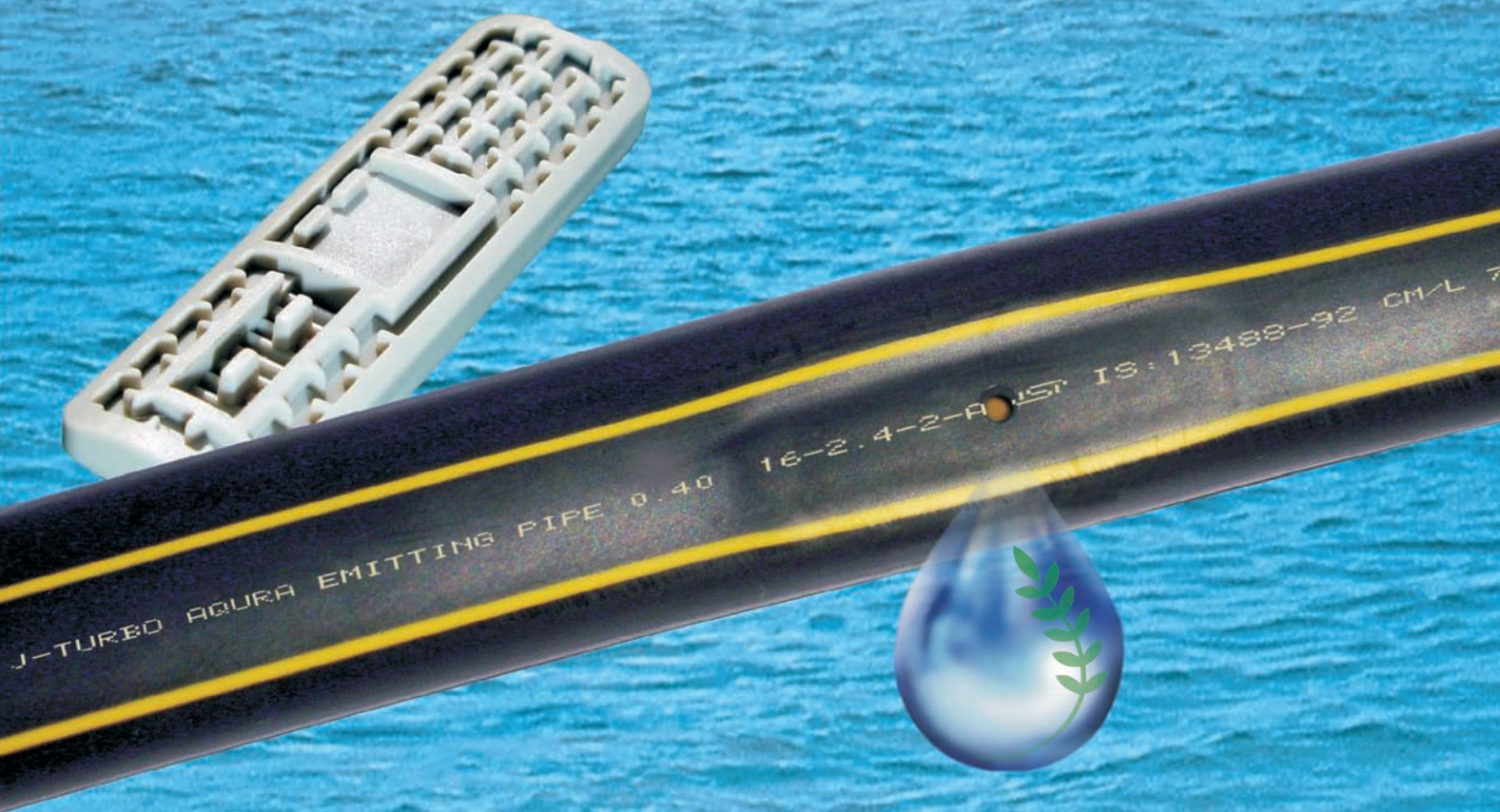




More Crop Per Drop®



J-TURBO AQUA™
Specially engineered for **YOU**

J-TURBO AQURA™

Specially engineered for YOU

Reliable Technology...Sound Performance...Proven Quality

BODY: A STRONG HARDWORKING BODY LIKE YOURS

We know how hard you work and it is that work that makes you strong just like our J-TURBO AQURA™.

- J-TURBO AQURA™ is a highly flexible extruded, seamless tube with drippers permanently fixed inside.
- J-TURBO AQURA™ is manufactured from special grade virgin Polymers using state-of-the-art technology that guarantees the best results.
- J-TURBO AQURA™ is marked with two parallel yellow lines 'Twin-Line™'. A symbol of trust.
- J-TURBO AQURA™ is available in 16 mm nominal diameter. Other sizes such as 12, 17 and 20mm nominal diameter are available on demand.



MIND: A CLEVER INTELLIGENT MIND LIKE YOURS

We know that, you make the right choices after weighing all the pros and cons. That is like our J-TURBO AQURA™ emitting pipes engendered with intelligence.

- J-TURBO AQURA™ has emitters with hydraulically designed widest turbulent flow-path and large cross section area that makes it a truly clog resistant dripper line.
- J-TURBO AQURA™ Emitter has unique inbuilt filter to prevent physical impurities entering in to the dripper.
- J-TURBO AQURA™ is suitable even for sub surface installations.
- Specially designed split-ring fittings are available for the connection of J-TURBO AQURA™.



SOUL: A DEEP SPIRITUAL SOUL LIKE YOURS

You have soul. You have belief. You have faith. The faith you have always shown for all Jain products and their strong design and service support through professional and technically sound field staff.

- J-TURBO AQURA™ is manufactured with the most modern, state-of-the-art equipment. It's computerised continuous online quality test ensure reliable quality and consistent performance.
- J-TURBO AQURA™ has extremely low manufacturing coefficient of variation CVM ensuring high emission uniformity.
- J-TURBO AQURA™ is available with emitter discharge of 1.2 lph, 1.4 lph, 2.4 lph and 4.0 lph at 1 kg/cm², thus offering flexibility in selection of emitter discharge and spacing combination specific to the soil and crop.
- J-TURBO AQURA™ is available in standard dripper spacing of 10, 20, 30, 40, 50, 60, 75, 90 and 100 cm. Other spacings and group spacings are available on demand.
- J-TURBO AQURA™ is made as per ISO:9261 and IS:13488.
- J-TURBO AQURA™ comes from ISO:9001:2000 and ISO:14001:2004 accredited manufacturing facility.
- J-TURBO AQURA™ is easy to roll back & re-lay.

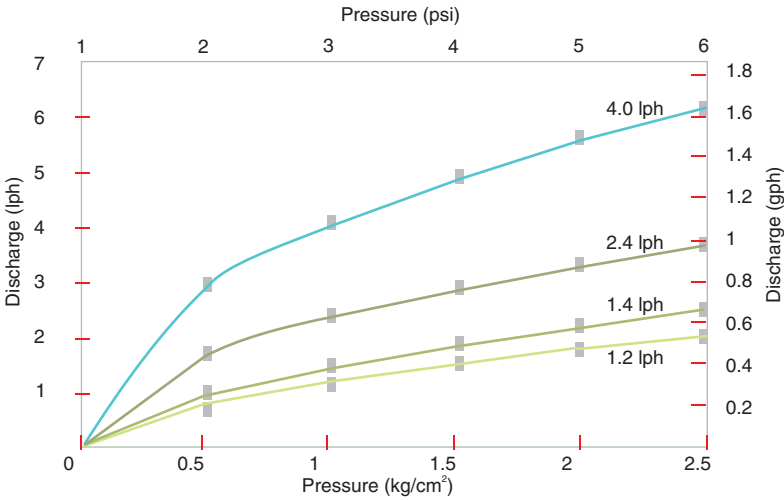


Technical Specifications:

Nominal Diameter	Nominal Discharge at 1kg/cm ²	Manufacturing Coefficient Of variation	Required Filtration	Coil Length
mm	lph	Cv _m	micron	m
16	1.2	3	100	400
16	1.4	3	100	400
16	2.4	2.5	100	400
16	4.0	2	100	400



Performance Graph J-TURBO AQURA™



Dripper Spacing		10 cm		20 cm		30 cm		40 cm		50 cm		60 cm		75 cm		90 cm		100 cm	
	Slope	Length	EU	Length	EU	Length	EU	Length	EU	Length	EU	Length	EU	Length	EU	Length	EU	Length	EU
	%	m	%	m	%	m	%	m	%	m	%	m	%	m	%	m	%	m	%
Nominal discharge 1.2 lph																			
7.5% Discharge Variation	2	34	91.5	47	91.8	55	92.0	60	92.1	64	92.2	66	92.2	69	92.3	70	92.4	71	92.4
	1	38	91.2	57	91.4	70	91.5	81	91.7	90	91.7	96	91.9	105	91.9	112	92.0	116	92.0
	0	43	90.8	67	90.8	87	90.8	106	90.8	122	90.8	138	90.8	159	90.8	179	90.8	193	90.8
	-1	47	90.3	77	90.0	105	89.7	130	89.5	155	89.2	178	89.0	213	88.6	247	88.3	271	88.1
	-2	51	89.7	87	89.0	120	88.3	152	87.7	184	87.1	214	86.6	---	---	---	---	---	---
10% Discharge Variation	2	40	89.8	56	90.1	66	90.4	74	90.5	79	90.6	82	90.7	87	90.8	90	90.9	91	90.9
	1	43	89.4	65	89.6	81	89.8	94	89.9	105	90.1	114	90.2	125	90.3	135	90.4	141	90.4
	0	47	89.0	74	89.0	97	88.9	117	89.0	135	89.0	152	89.0	176	89.0	198	89.0	214	88.9
	-1	51	88.4	84	88.1	113	87.8	140	87.5	165	87.3	190	87.1	226	86.7	261	86.4	286	86.1
	-2	55	87.8	92	87.1	127	86.4	160	85.8	192	85.3	223	84.6	268	83.8	312	83.1	341	82.7
Nominal discharge 1.4 lph																			
7.5% Discharge Variation	2	31	90.9	44	91.1	52	91.3	57	91.4	61	91.5	64	91.6	66	91.7	69	91.7	70	91.7
	1	35	90.6	52	90.7	64	90.9	74	91.0	83	91.1	90	91.1	98	91.3	105	91.3	109	91.4
	0	38	90.2	60	90.2	78	90.2	94	90.2	109	90.2	122	90.2	141	90.2	159	90.2	170	90.3
	-1	41	89.7	68	89.5	91	89.3	113	89.0	134	88.9	155	88.7	184	88.4	213	88.1	232	87.9
	-2	44	89.3	75	88.6	104	88.1	131	87.6	158	87.1	183	86.7	222	85.9	---	---	---	---
10% Discharge Variation	2	36	89.1	51	89.5	62	89.7	69	89.9	75	89.9	79	90.0	84	90.5	87	90.2	89	90.2
	1	39	88.8	59	89.0	73	89.2	86	89.3	96	89.3	105	89.5	116	89.6	126	89.7	131	89.8
	0	42	88.4	66	88.4	86	88.4	104	88.4	120	88.4	135	88.4	156	88.4	176	88.4	189	88.4
	-1	45	87.8	73	87.6	99	87.3	122	87.2	144	86.9	165	86.7	196	86.4	225	86.2	246	85.9
	-2	48	87.4	80	86.7	110	86.1	138	85.6	166	85.1	192	84.7	231	84.0	268	83.4	293	82.9

J-TURBO AQURA™ manufacturing unit:



Nominal discharge 2.4 lph																					
Dripper Spacing		10 cm			20 cm			30 cm		40 cm		50 cm		60 cm		75 cm		90 cm		100 cm	
	Slope	Length	EU	Length	EU	Length	EU	Length	EU	Length	EU	Length	EU	Length	EU	Length	EU	Length	EU	Length	EU
	%	m	%	m	%	m	%	m	%	m	%	m	%	m	%	m	%	m	%	m	%
7.5% Discharge Variation	2	26	91.9	38	92.1	47	92.3	54	92.4	59	92.5	63	92.6	68	92.6	72	92.7	74	92.7		
	1	28	91.6	43	91.8	54	91.9	63	92.0	72	92.0	78	92.2	88	92.2	96	92.3	101	92.3		
	0	30	91.4	47	91.4	61	91.4	74	91.4	85	91.4	96	91.4	111	91.4	125	91.4	134	91.4		
	-1	31	91.1	51	90.9	68	90.8	84	90.7	99	90.6	113	90.4	134	90.2	153	90.1	167	90.0		
	-2	33	90.8	55	90.5	75	90.1	94	89.8	112	89.5	129	89.2	155	88.7	180	88.5	196	88.3		
10% Discharge Variation	2	30	90.1	44	90.3	54	90.5	63	90.6	69	90.8	75	90.9	81	91.0	87	91.1	90	91.2		
	1	31	89.8	48	89.9	61	90.4	72	90.1	82	90.2	90	90.3	101	90.5	111	90.5	117	90.6		
	0	33	89.5	52	89.5	67	89.5	81	89.5	94	89.5	106	89.5	123	89.5	138	89.5	148	89.6		
	-1	34	89.2	56	89.1	74	88.9	91	88.8	107	88.6	122	88.5	144	88.3	164	88.2	178	88.1		
	-2	36	88.9	59	88.5	80	88.1	100	87.8	119	87.5	136	87.3	163	86.8	189	86.5	206	86.2		
Nominal discharge 4.0 lph																					
7.5% Discharge Variation	2	19	92.3	29	92.5	36	92.6	42	92.7	47	92.9	51	93.0	57	93.0	61	93.1	64	93.1		
	1	20	92.2	31	92.3	40	92.4	47	92.4	54	92.5	60	92.5	67	92.7	74	92.7	79	92.7		
	0	21	92.0	33	92.0	43	92.0	52	92.0	61	92.0	68	92.0	78	92.0	89	92.0	95	92.0		
	-1	22	91.8	35	91.7	47	91.7	57	91.6	67	91.5	76	91.4	90	91.4	103	91.1	112	91.1		
	-2	23	91.6	37	91.3	50	91.1	62	91.1	74	90.8	85	90.6	101	90.4	117	90.1	127	90.0		
10% Discharge Variation	2	22	90.5	33	90.7	42	90.8	48	91.0	55	91.1	60	91.2	66	91.3	72	91.3	76	91.4		
	1	23	90.3	35	90.8	45	90.6	53	90.6	61	90.7	67	90.7	77	90.8	85	90.8	90	91.0		
	0	23	90.1	37	90.1	48	90.2	58	90.2	67	90.2	75	90.2	87	90.2	98	90.2	105	90.3		
	-1	24	89.9	39	89.8	51	89.7	62	89.7	73	89.5	83	89.5	97	89.5	111	89.3	120	89.3		
	-2	25	89.6	41	89.4	54	89.3	67	89.1	79	89.8	91	88.6	108	88.4	124	88.1	134	88.2		

Note: + slope : Uphill, - slope : Downhill, Inlet Pressure : 1.2 kg/cm²

THE COMPANY

Pioneers of Micro Irrigation Systems in the Indian sub-continent. Having the world's only facility to manufacture the complete Drip & Sprinkler Irrigation Systems under one roof. Specialising in custom built systems for different crops and farm sizes. Our state-of-the-art facility is ISO-9001:2000 & 14001:2004 accredited by TUV Germany. The In-house R&D cum Demonstration farm is spread over 1900 acres. We undertake turn-key projects from concept to commissioning including training and consultancy. This unique integrated approach has earned the Company thousands of satisfied customers from over 50 countries. We have covered more than 1,500,000 acres under micro irrigation on 48 different crops.

Sales revenue for the company will exceed Rs. 9,000 million during 2006-07 covering Irrigation, Piping, Plastic Sheet and Food divisions. Our total commitment to the farm, farming and the farmer, has earned us recognition and numerous awards. To name a few; The R&D award given by the Ministry of Science and Technology, GOI, Internationally prestigious, Crawford Reid Memorial Award, instituted by Irrigation Association, USA, conferred on our chairman Mr. B. H. Jain for "Significant Contribution to the Irrigation Industry outside the United States" and now another feather in our cap with the 'Technical innovation award 2005' - Conferred on us by EIMA, Italy.

Agriculture is not merely a business for us, but an article of faith.



Jain Plastic Park, P.O. Box 72, Jalgaon- 425 001. India. Tel: 0257-2258011/22; Fax: 0257-2258111/22; E-mail: jisl@jains.com; www.jains.com

Offices

Ahmedabad: 079-26421704; **Ahmednagar:** 0241-2415481; **Amravati:** 0721-2674737; **Assam:** 9435199998;
Aurangabad: 0240-2489666; **Bangalore:** 080-25548921; **Bijapur:** 08352-223011; **Chandigarh:** 9417297566; **Chennai:** 044-24339794;
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Vadodara: 9426511411; **Vijaywada:** 9440797807.