

Naturally - WATER

Right from the cultivation of cotton, to transforming into a garment - water plays a key role at every stage in our industry.

At Arvind, we treat water as a natural ally and ensure that our operations put as little stress on freshwater as possible.

In pursuance of this objective, we have formed alliances with Santej and Gandhinagar Municipal Corporations to use treated domestic sewage for manufacturing. Another close ally is Arvind Envisol, who specialises in water and wastewater solutions. We have also joined forces with Gap Inc. to eliminate the use of freshwater in denim manufacturing.

Decrease in fresh water consumption in FY 2018-19 compared to FY 2014-15 (base year)

1. Woven & Knits (Santej) - 45%
2. Denim (Naroda)-37%
3. Voiles - 36%

Compared to FY 2014-15, our total water use decreased by around:

1. FY 2016-17 - 16.17%
2. FY 2017-18 - 24.62%
3. FY 2018-19 - 35.66%

Joined hands with Gap Inc. to set up an innovation centre and a water treatment facility to eliminate use of freshwater in making denim.

Performance	Effluent Management
Notwithstanding increase in the production volume across woven, denim, and garment segments in the reporting period, our freshwater consumption has subsequently decreased during the same time. Myriad initiatives on conservation, recycling and process innovations have led to reduction in water use.	Effective management of effluents address the environmental sustainability and economic viability of Arvind. During the period, total water treated and discharged has dipped due to decrease in the overall water use, but recycling did not decrease in proportion. So essentially, we are using less freshwater, recycling a higher percentage of that, and hence, a lower percentage is discharged.

TOTAL FRESHWATER CONSUMPTION

in '000 m³

Units	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19
Woven & Knits	1,465	1,537	1,461	1,300	804
Denim	4,126	3,407	3,183	2,967	2,598
Garments Export Division*	217	269	260	223	236
Yarns**	251	255	232	253	266
Voiles	724	732	550	371	460
Total	6,783	6,200	5,686	5,113	4,364

TOTAL WATER TREATED & REUSED IN PROCESS

in '000 m³

Units	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19
Woven Knits (Santej)	5,036	5,550	4,294	4,569	5,198
Denim (Naroda)	2,852	99	270	129	106
Garments Export Division	114	2,781	2,465	2,161	1,950
Voiles	55	33	242	462	463
Total	5,205	5,682	4,806	5,160	5,767

* Note: Yarns business include - Arvind cotspin & Arvind intex. Arvind Intex uses only purchased electricity and hence no direct energy consumption.

Initiative





Bridging The Water Conservation Gap

ARVIND
FASHIONING POSSIBILITIES

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