

## TOPSFLO Micro Pumps

Precision Engineering for Life-Critical & High-Tech Applications

The Global Leader in Miniature Fluid Solutions



Since **2001**, TOPSFLO (Hunan, China) has redefined **micro pump technology** with **DC brushless, diaphragm, and centrifugal pumps** engineered for **ultra-reliable, silent, and energy-efficient** performance.

**ISO 9001, IATF 16949, CE, RoHS, REACH-certified**, TOPSFLO powers **over 100 million devices** worldwide—from **medical ventilators** to **coffee machines, laser cooling, and fuel cells**.

At **Pump Down Solutions LLP**, we are the **exclusive authorized distributor** of TOPSFLO in India—delivering **lab-tested, application-ready micro pumps** with **local stock, expert support, and zero-compromise quality**.

Feature	TOPSFLO Advantage	Your Benefit
<b>100% Brushless DC Motor</b>	30,000+ hour lifespan	<b>Zero maintenance</b>
<b>Silent Operation (&lt;35 dB)</b>	Advanced vibration damping	<b>Perfect for medical &amp; home use</b>
<b>PWM &amp; Analog Control</b>	Precise flow/pressure tuning	<b>±1% accuracy</b>
<b>Self-Priming &amp; Dry-Run Safe</b>	Patented diaphragm design	<b>No damage, no priming needed</b>
<b>Food-Grade &amp; Medical-Grade Options</b>	NSF, FDA, USP Class VI	<b>Safe for life-critical fluids</b>

### **Built for Mission-Critical Applications**

#### **Medical & Healthcare**

- **Ventilators, CPAP, anesthesia**
- **Dialysis, infusion, blood analyzers**
- **Sterile, pulsation-free flow**

#### **Beverage & Food**

- **Coffee machines, soda dispensers**
- **Juice extractors, milk frothers**
- **NSF-certified, BPA-free**

#### **Industrial & Laser Cooling**

- **UV lasers, fiber lasers, 3D printers**
- **Chillers, thermal management**
- **High-temp (up to 100°C) models**

#### **Water Purification & Dispensing**

- **RO boosters, UV systems**
- **Instant hot water dispensers**
- **Compact, high-pressure (up to 10 bar)**

#### **Automotive & EV**

- **Battery cooling, fuel cell pumps**
- **IATF 16949 automotive-grade**

#### **Star Series: Power in Miniature**

<b>Series</b>	<b>Flow (L/min)</b>	<b>Head (m)</b>	<b>Best For</b>
<b>TM30A/TM40A</b>	0.3 – 1.2	3 – 6	Medical, lab, analyzers
<b>TF30D</b>	0.4 – 1.5	4 – 8	Coffee, beverage dispensing
<b>TL-B10</b>	6 – 12	8 – 12	Laser cooling, water circulation
<b>TH Series</b>	15 – 24	10 – 15	Industrial, EV battery cooling
<b>High-Pressure HP Series</b>	1 – 3	20 – 30	RO booster, misting

#### **Why Pump Down Solutions LLP + TOPSFLO = Your Micro Pump Partner**

- **India's Largest TOPSFLO Inventory – 500+ models in stock**
- **Same-day dispatch** from Mumbai & Delhi warehouses
- **Free application engineering** – flow curves, compatibility testing
- **OEM customization** – voltage, fittings, branding
- **12-month replacement warranty + lifetime technical support**
- **Calibration & certification lab** for medical/pharma clients

**Trusted by 300+ OEMs** in medical, beverage, and laser industries.

