TURBO PC

Online PC Emitters

The most versatile and easy to install
Pressure Compensating emitter for a great variety of applications

Turbo PC - PC Model (Base - Black)



2.0 l/h



4.0 l/h



8.0 l/h



24.0 l/h

Feature & Benefits



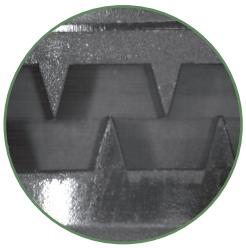
Factory Sealed, Pressure Compensating Emitter

Two models available,
PC (Black Base) - Pressure Compensating
PCNL (Grey Base)- Pressure Compensating Non Leakage



Wide Pressure Compensating Range

Uniform discharge for pressure regulation range 0.5 - 4 kg/cm^2



Clog Resistant

Turbulent flow in the labyrinth makes is clog resistant Dripper



Self Cleaning Mechanism

Dynamic movement of silicone diaphragm retracts to push away particles which are blocking the emitter.



Barbed Inlet with Narrow Inlet Filter

Precision inlet filters prevents entrance of most of the impurities.



Ultrasonic Welding Technology

Emitter is prevented by a parallel formation and welding of the cover, around the edge of the body , making it impossible to leak regardless of the climatic or pressure conditions

Jain® Drip
More Crop Per Drop®



TURBO PC

Drip Irrigation System is meant to save water, energy and fertilisers. However, there are multiple field variables which cause non-uniform distribution of inputs, ultimately resulting in variation in produce quality and yield. TURBO PC dripper is true value for your money. It improves distribution uniformity of your drip system and assures greater returns on your investments.

Features

- **No Environmental and Chemical Effects :** UV stabilised, does not have any environmental effects. Resistant to chemicals used in agriculture.
- **Excellent CVm, (Manufacturer's Coefficient of Variation):** Manufacturing coefficient of variation, CVm ≤ 4% ensures high field emission uniformity.
- **Color Coded Cap :** Color coded cap facilitates easy identification of emitter flow rate.

Applications

- For orchards, vineyards, greenhouses, nurseries and landscape.
- For pulse irrigation and irrigation in soilless conditions
- Prevents surplus drainage in low places (PCNL model)
- For areas with harsh topographical conditions.
- Subsurface installation protects dripper from animal damage

Specifications

Discharge (lph)	Flow coefficient (k)	Emitter exponent (x)	Coefficient of Variation CV (%)	Water Passage Width x Depth x Length (mm)	Filtration Area (mm^2)	Range of pressure regulation, kg/cm^2	Recommanded Filtration (mesh / micron)
2.0	2.0	0.0	2.0	1.00 x 1.00 x 55.0	3.8	0.5 - 4.0	120 / 130
4.0	4.0	0.0	2.0	1.30 x 1.10 x 50.6	3.8	0.5 - 4.0	120 / 130
8.0	8.0	0.0	2.2	1.50 x 1.15 x 46.5	3.8	0.5 - 4.0	120 / 130
24.0	23.5	0.0	2.3	1.35 x 1.20 x 35.0	3.8	0.5 - 4.0	120 / 130

Flow equation $q = kH^x$, q= Discharge, lph, H= Pressure head, kg/cm^2, k = Flow coefficient, x = Emitter exponent.

Note: Color of housing: Black - For PC option, Grey - For PCNL option

For TURBO PCNL model

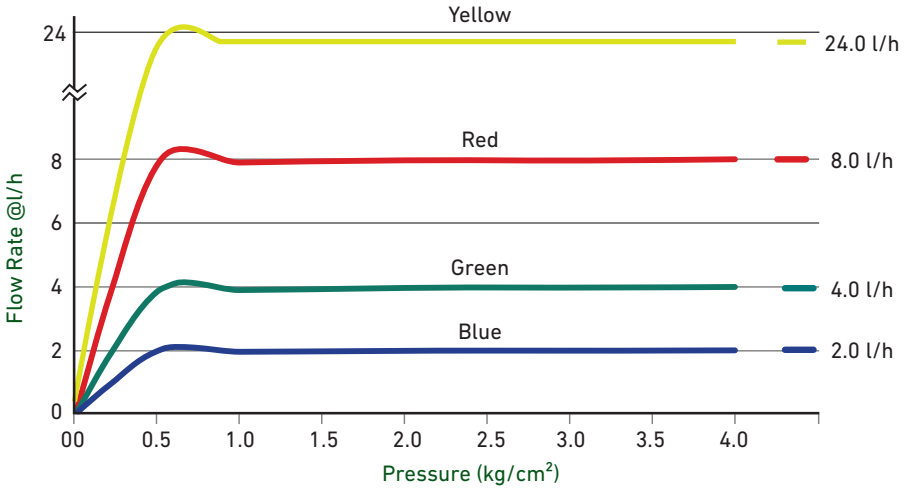
- *Opening Pressure - 0.3 kg/cm^2*
- *Closing Pressure - 0.2 kg/cm^2*

Recommended punch size - 2.5 mm (Code- ITC)

For barbed outlet 3x5 mm tube is suitable.



TURBO PC Flow Chart



Ordering Specifications

TURBO PC	
PC Model	**PCNL Model**
AQBTDRIPPC2	AQBTDRIPND2
AQBTDRIPPC4	AQBTDRIPND4
AQBTDRIPPC8	AQBTDRIPND8
AQBTDRIPPC24	AQBTDRIPND24

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