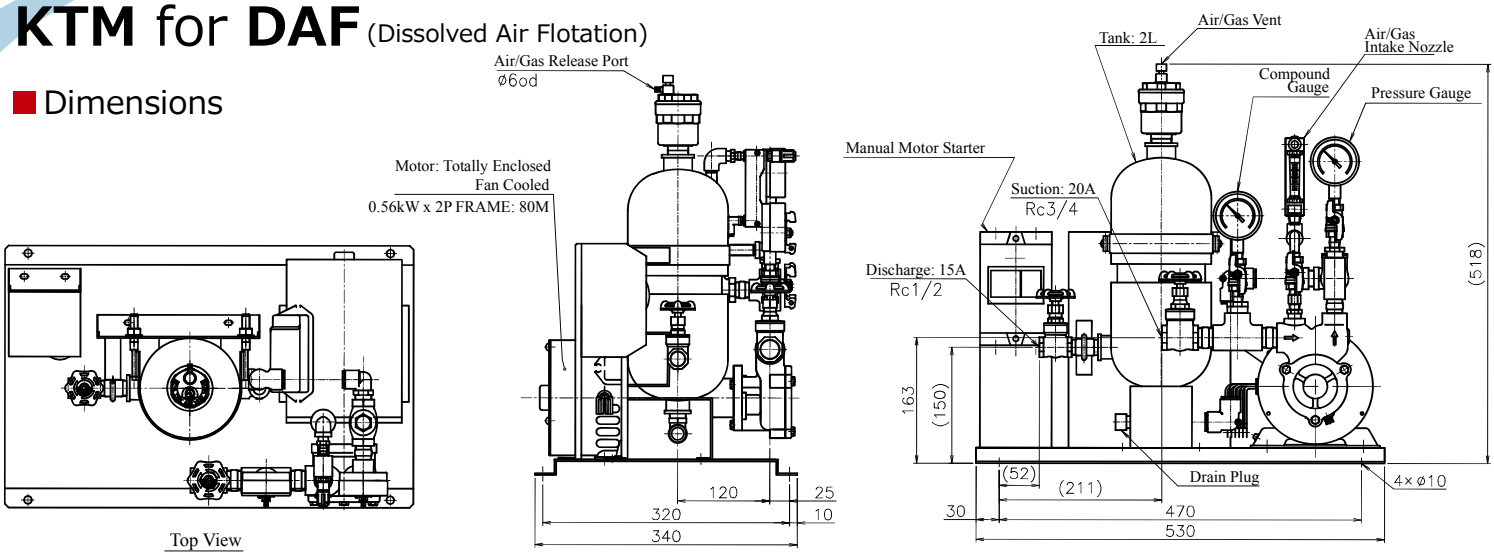
**Nikuni Co., Ltd.**
TEL +81-44-833-6500
FAX +81-44-833-6482
WEB www.nikuni.co.jp/english

# Special Trial Unit Offer

## **KTM** for **DAF** (Dissolved Air Flotation)

■ Dimensions




■ General Specifications
50Hz: 1.0 m³/hr at 3 bar, 1.3 L/min (air flow rate)
60Hz: 1.3 m³/hr at 3 bar, 1.7 L/min (air flow rate)

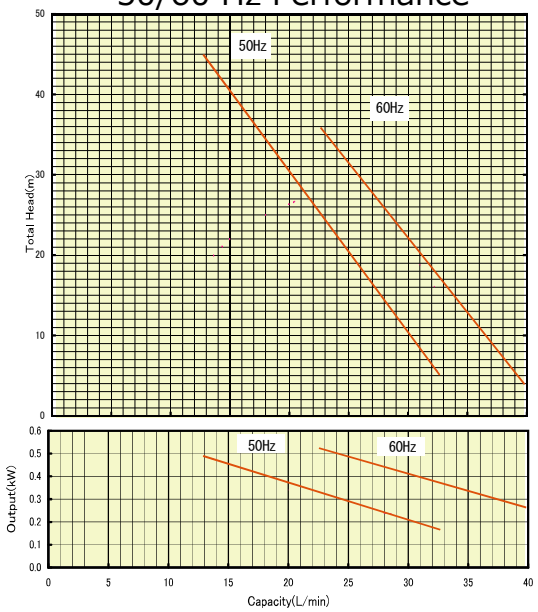
■ Connections
Suction: 20A (Rc 3/4) Discharge: 15A (Rc 1/2)

■ Materials
Pump Wetted Parts: SS304/SCS13
Piping, Valves and Air vent: CAC (Cast Bronze)
Gauges: Bc (Copper)
Tank: PVC

■ Power Supply
Single Phase, 100V - 230V, 0.56 kW, 50Hz/60Hz

■ Performance Curve

50/60 Hz Performance




■ Price
**Ask for our special offer**

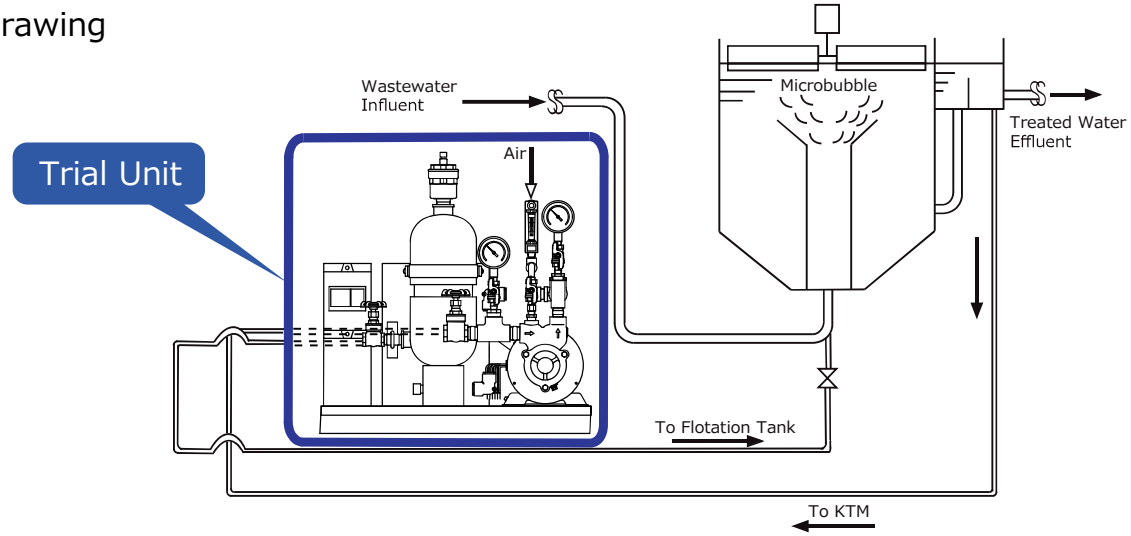
■ Shipping Weight
Approximately 30 kg/Carton Box

**Nikuni Co., Ltd.**
TEL +81-44-833-6500
FAX +81-44-833-6482
WEB www.nikuni.co.jp/english

# Special Trial Unit Offer!!

## **KTM** for **DAF** (Dissolved Air Flotation)

### Process Flow Drawing




Note : Special trial system is a one-time offer per customer
From second purchase onwards only the Air Nozzle will be supplied with the KTM pump
Please refer to "KTM technical handbook" for guidance on sourcing other components

### Initial Setup Procedure – Quick Reference

***1st Step***

***Initial Preparation (Power Off)***

- Prime the KTM with water/liquid
- Rotameter should be fully closed
- Suction and Discharge Valves should be fully open

***2nd Step***

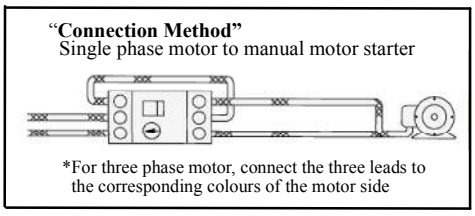
***Motor Check / Inching Test***

- Connect leads according to "Connection Method"
- Manually check motor rotates smoothly
- Check motor direction is correct

***3rd Step***

***Operation (Power on)***

- Set discharge pressure to 3 bar by adjusting discharge valve
- Set suction pressure to vacuum pressure of -0.2 to -0.3 bar by adjusting suction valve
- Set air /gas flow rate by adjusting rotameter
- Readjust to target parameters if necessary




＊ Refer to User Manual for complete set of instructions before installation

***Evaluate the KTM's groundbreaking performance***
***Contact us directly: www.nikuni.co.jp/english***