

## AUTOMATIC DRAIN VALVE

Auto drain valves are used to remove accumulated water particles from the air line equipments. YUNIKAIR has developed different varieties of auto drain valves with respect to the application and ease of operation. ■ Duel timer, solenoid operated ■ Single timer, solenoid operated ■ Zero air loss/ float type ■ High pressure (40 Bar) Drain valve ■ High discharge, pilot air operated.

## AIR FILTER

YF series is the latest filters designed by YUNIKAIR with a capability of withstanding air temperature upto 90°C. It can remove dust, moisture, rust scales & oil particles from compressed air. ■ Flow Ranges from 15CFM to 2500 CFM ■ 1 μ 5μ 0.01μ & activated Carbon filters ■ Borosilicate Fiber glass filtration media ■ Coalescing elements covered with hydrophobic material Aluminum die cast body upto 350 CFM ■ MS Construction with multiple element for higher flow capacities ■ Models are available for 16 bar & 45 Bar range ■ Auto drains & DP gauges are optional

## SIZING CONVERSION FACTORS

OPERATION CONDITION	IDEAL	MAXIMUM
INLET TEMPERATURE	45°C	60°C
AMBIENT TEMPERATURE	40°C	50°C
INLET PRESSURE	07 bar g	16 bar g

Dryer Nominal Capacity = Compressor Actual Capacity F1 x F2 x F3

### INLET TEMPERATURE (F1)

INLET TEMPERATURE (°C)	35	40	45	50	55	60
CORRECTION FACTOR (F1)	1.35	1.14	1.00	0.88	0.79	0.71

### AMBIENT TEMPERATURE (F2)

AMBIENT TEMPERATURE (°C)	25	30	35	40	45	50
CORRECTION FACTOR (F2)	1.18	1.10	1.09	1.00	0.91	0.83

### INLET PRESSURE (F3)

INLET PRESSURE (BAR)	04	05	06	07	08	10	12	16
CORRECTION FACTOR (F3)	0.82	0.89	0.95	1.00	1.04	1.08	1.12	1.19

## OTHER PRODUCTS RANGE



This data in this brochures are not binding, due to continues product improvement YUNIKAIR Reserves the right to make change without prior notice. For further information contact to factory.

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