

# PRESSURE REDUCTION AND METERING STATIONS (PRMS)



## REFERENCES



## Pressure Reduction and Metering Stations (PRMS)

Are utilized to regulate and reduce the high incoming pipeline pressure to meet the desired equipment pressure. PRMS is also used for metering purposes for billing or cost analysis of gas usage.

Facilities that utilize gas consuming equipment such as gas compressors, steam boilers, turbines, burners etc. Have a demand of a specific operating pressure range set by the equipment manufacturer.



PAKMON Kayamak, provides custom engineered Pressure Reduction and Metering Stations (PRMS) in accordance with EN 11672 to meet each customers' desired pressure range and gas flow capacity. PRMS are built to order including a range of gas regulators, slam-shut valves, gas filters, isolation valves, gas meters, & volume corrector.



### PAKMON - KAYAMAK, PROVIDES SERVICES FOLLOWING:

- **Design Engineering & Fabricating**
- **On-Site Start-up & Commissioning**
- **On-Site Training**
- **Technical Support & Service**
- **Maintanance & Spare Parts**

Thank you & Best Regards,



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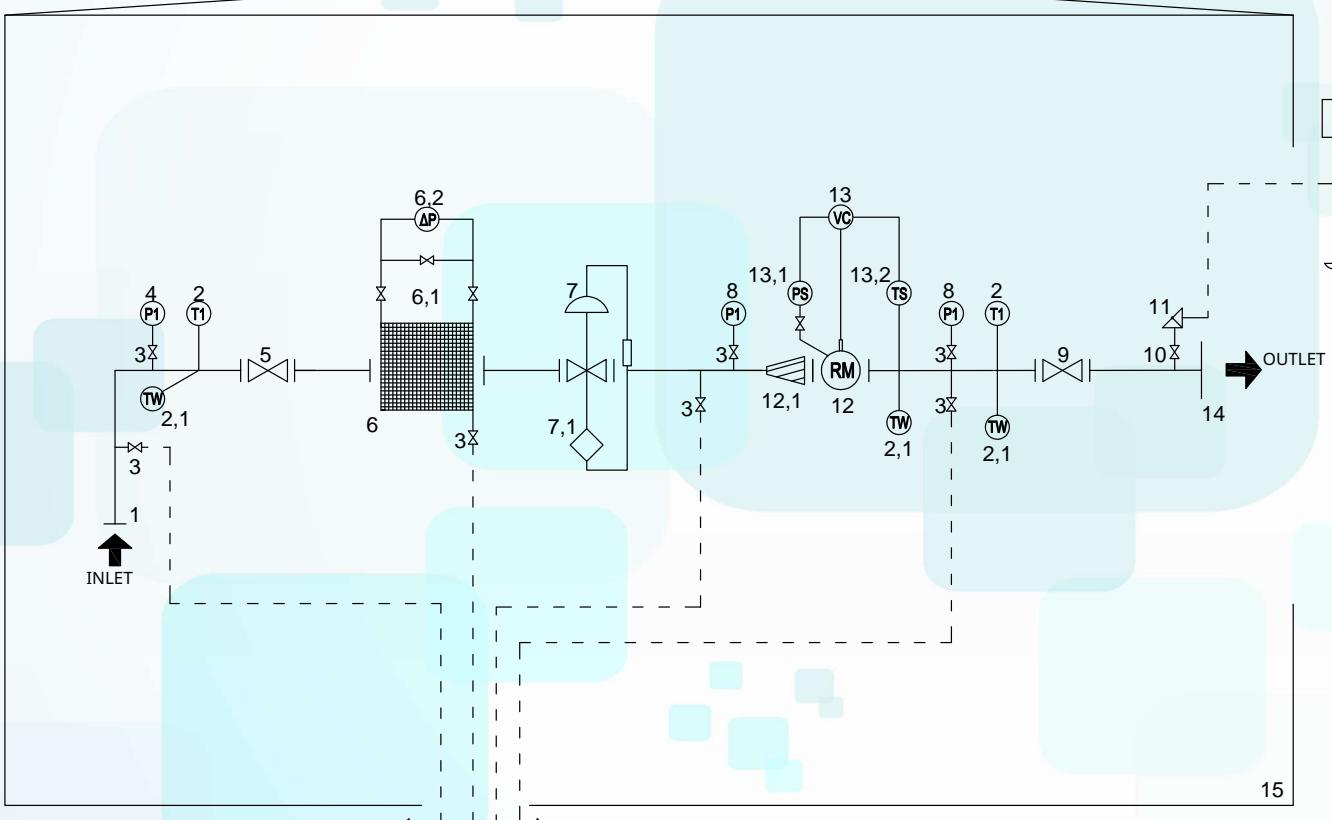
Website : [www.pakmon.com](http://www.pakmon.com)

Industrial License Number : 809886

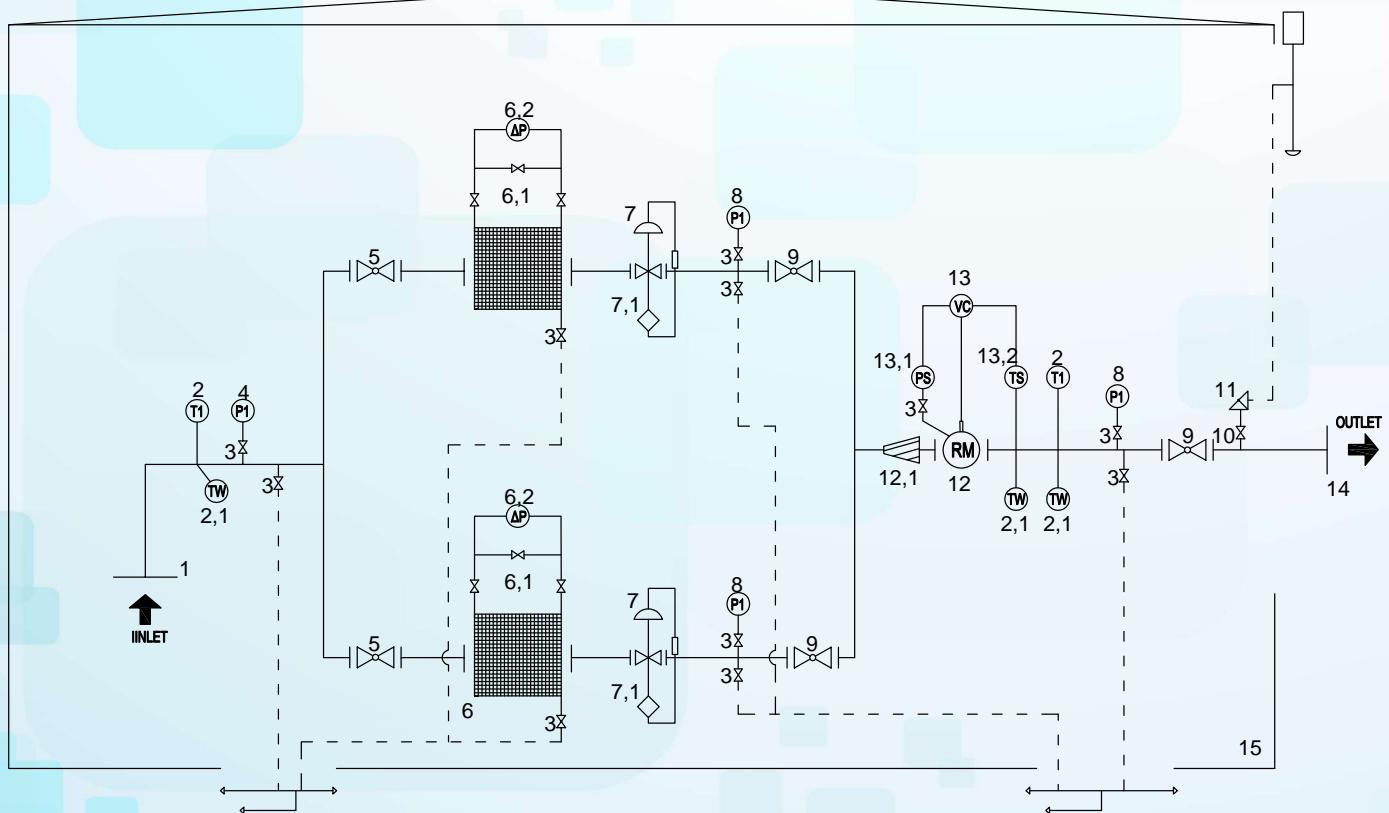
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PO box : 119770

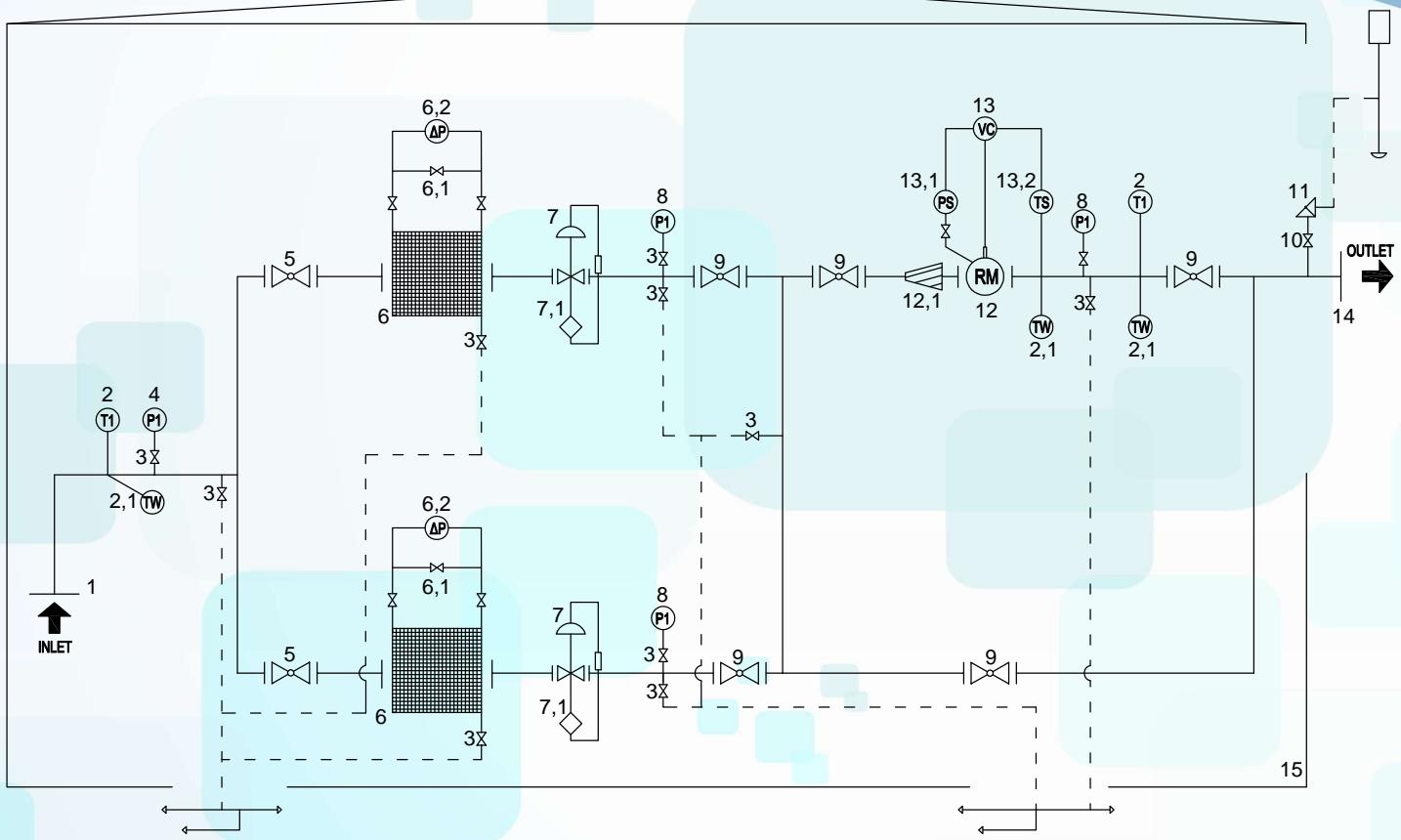
## BASIC



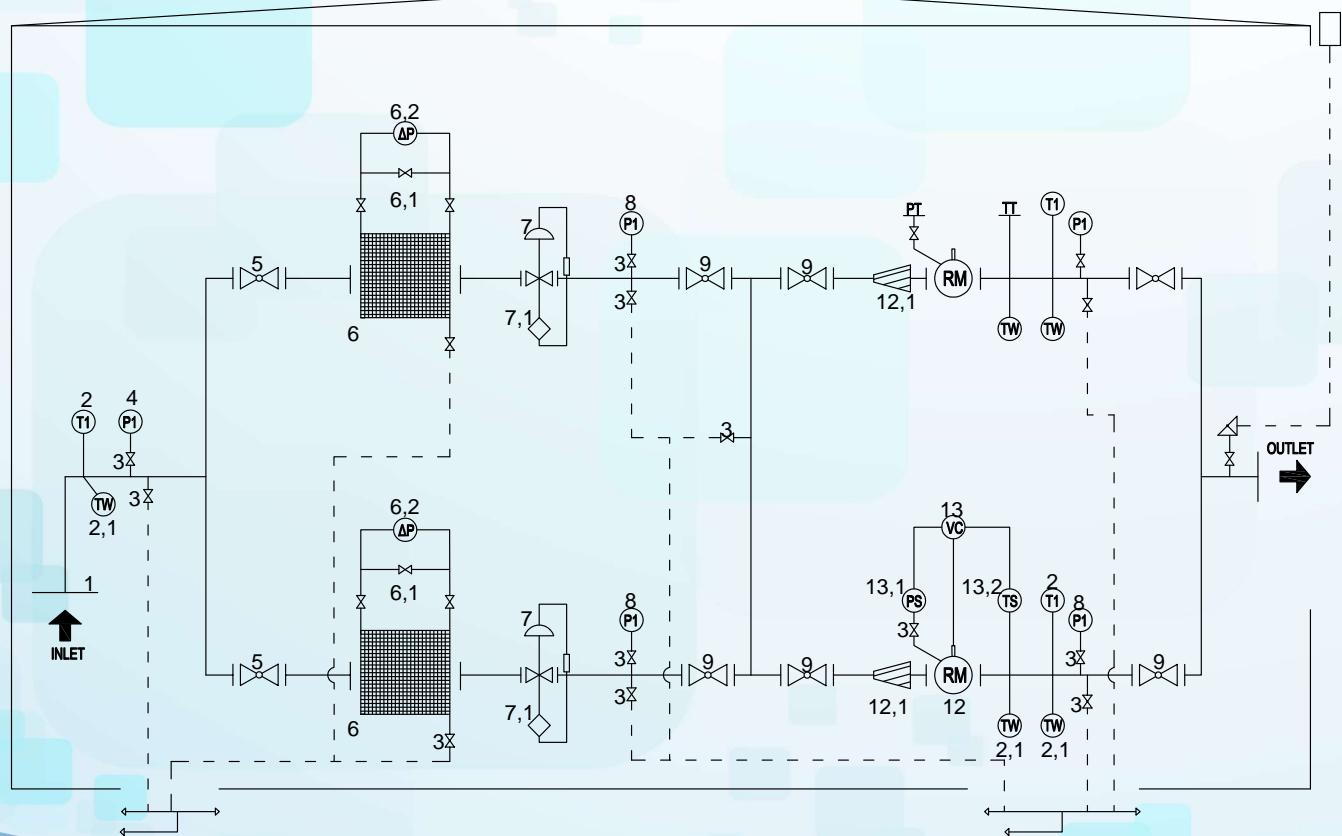
## STANDARD



**ELITE**



**DELUXE**



## TYPE COMPARISON TABLE

TYPE	QUANTITY OF GAS FILTER	QUANTITY OF GAS REGULATOR	SPARE METER IN-LINE	METERING LINE BY-PASS
BASIC	1	1	X	X
STANDARD	2	2	X	X
ELITE	2	2	X	✓
DELUXE	2	2	✓	OPTIONAL

**BASIC:** SYSTEM INCLUDES ONE FILTER, REGULATOR AND METER. IDEAL FOR HOUSEHOLD, COMMERCIAL AND SMALL INDUSTRIAL GAS CONSUMPTION.

**STANDARD:** SYSTEM INCLUDES TWO FILTER, TWO REGULATOR AND ONE METER. DURING PEAK GAS DEMAND SECOND REGULATOR HELPS THE DISTRUBITING THE LOAD AND PROVIDES LONGER GAS REGULATOR LIFE & RELIABILITY. IDEAL FOR SMALL & MEDIUM SIZE INDUSTRIAL GAS CONSUMPTION.

**ELITE:** IT HAS THE SAME SPECIFICATIONS WITH STANDARD TYPE. FURHERMORE, WITH THE METERING BY-PASS LINE, ELITE CAN KEEP PROVIDING THE GAS IF THE METER IS BROKEN OR DURING METER REPAIR / REPLACEMENT.

**DELUXE:** WITH THE COMPLETE AUXILLARY LINE, DELUXE NEVER STOPS. IT IS IDEAL FOR THE PLACES THAT GAS FLOW MUST NOT STOP. (SUCH AS: HOSPITALS, TOWN GAS DISTRIBUTION CENTERS, COGENERATION POWER PLANTS etc.)

POS. NO	EXPLANATION
1	INLET FLANGE
2	THERMOMETER -30/+60 °C
2,1	THERMOWELL
3	BALL VALVE (THREADED NPT×NPT)
4	UPSTREAM MANOMETER D.100 mm
5	FULL-BORE FLANGED GAS VALVE
6	STEEL GAS FILTER
6,1	3/5 WAY MANIFOLD
6,2	DIFFERANTIAL PRESSURE GAUGE
7	GAS REGULATOR
7,1	SAFETY SLAM-SHUT VALVE
8	DOWNSTREAM MANOMETER
9	FULL-BORE FLANGED GAS VALVE
10	BALL VALVE (THREADED NPT×NPT)
11	SAFETY RELIEF VALVE
12	GAS METER
12,1	CONICAL FILTER
13	GAS VOLUME CORRECTOR
13,1	GAS VOLUME CORRECTOR PRESSURE SWITCH
13,2	GAS VOLUME CORRECTOR TEMPERATURE SWITCH -30/+60 °C
14	OUTLET FLANGE
15	CABINET