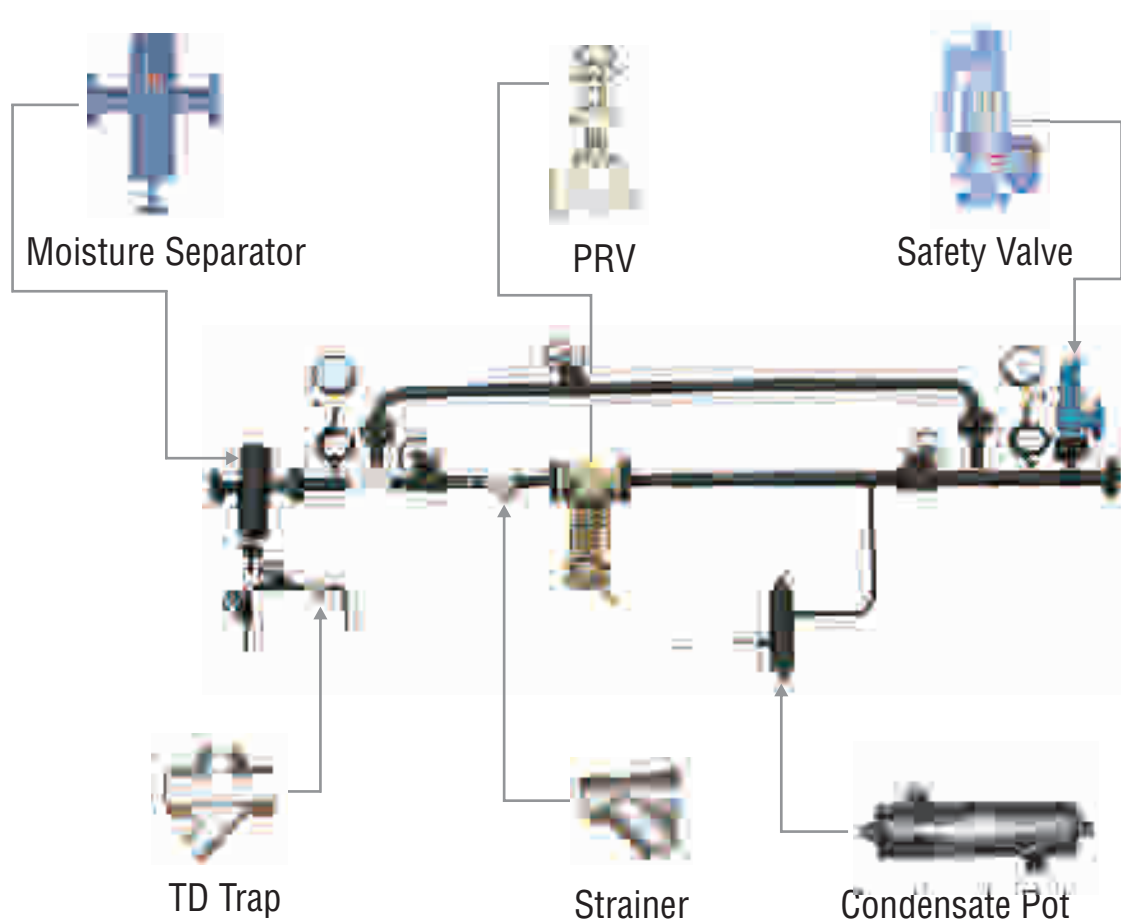


Cooling & Heating



PRS KIT

Cost Effective High Speed Solution To Steam Pressure Reduction

STEAM GENERATION

Good steam engineering practice is to generate and distribute steam at high / maximum working pressure and utilize steam at low pressure with pressure reduction. This gives the following advantages:

- Transportation of steam at high pressure permits use of small pipe diameters leading to reduced steam piping and insulation cost
- Utilisation of steam at lower pressure reduces plant equipment cost due to use of small thickness plates
- Utilisation of steam at lower pressure gives more latent heat for every Kg of steam used resulting in lower fuel consumption in the boiler

ADVANTAGES OF THERMAX PRS KIT

- PRS Kit consists of Thermax designed key components as listed below:
 1. Moisture Separator
 2. Thermodynamic Trap
 3. Y Strainer
 4. Self Acting Pressure Reducing Valve (PRV)
 5. Condensate Pot
 6. Safety Valve
- All components designed as per best steam engineering practices
- Set of above components available for both Low Pressure (LP) and High Pressure (HP) applications suitable for pre selected PRS steam capacities from 500 to 4000 Kg/h
- PRS can be easily fabricated by any local fabricator with the use of above components and bought outs like valves, pressure gauges, siphon, pipe & flanges
- Cost effective and high speed solution to steam pressure reduction which can be implemented in field by your local piping contractor doing steam piping
- Excellent network of Thermax representatives round the world

MODELS

PRESSURE	KIT-LP	KIT-HP
Upstream Pressure	10.54 Kg/cm ²	17.5 Kg/cm ²
Downstream Pressure (Max)	3.5 Kg/cm ²	8.5 Kg/cm ²

KIT - LP		KIT - HP	
Kit Model No.	Kit Capacity (Kg/h)	Kit Model No.	Kit Capacity (Kg/h)
KIT-LP-50-I	500	KIT-HP-50-I	500
KIT-LP-100-I	1000	KIT-HP-100-I	1000
KIT-LP-200-I	2000	KIT-HP-200-I	2000
KIT-LP-300-I	3000	KIT-HP-300-I	3000
KIT-LP-400-I	4000	KIT-HP-400-I	4000

STATUTORY REQUIREMENTS

Indian Boiler Regulations (IBR)

IBR covers the safety aspect of steam boilers and steam distribution system. The steam installation has to be checked every year by hydraulic testing and any piping modifications need IBR approval and stage wise inspection while implementing it. All components come with an IBR for supply in India.

IBR is mandatory for installations in India only

ORDERING INFORMATION

- Specify kit model no.
- Special Version for different kit capacity & pressures available on request.

For more information, please get in touch with your nearest Thermax Representative. You can also mail us at info.c&hservices@thermaxindia.com

Visit us at www.thermaxindia.com

In view of our constant endeavour to improve the quality of our products, we reserve the right to alter or change specifications without prior notice. All photographs shown in this publication are representative in purpose, and to be used for reference only. For actual details and specifications, please refer to Thermax offer document.



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Sustainable Solutions in
Energy & Environment

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Thermax Business Portfolio

Boilers & Heaters

Absorption Cooling

Air Pollution Control

Captive Power

Chemicals

Water & Waste Solutions