



# For Economic System Control



## Technical Specifications

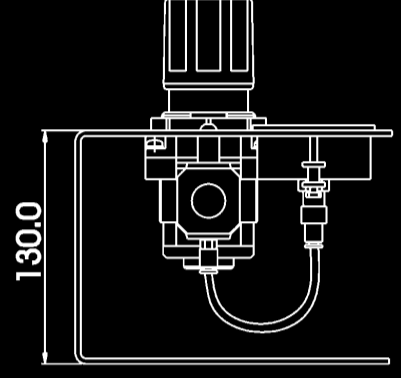
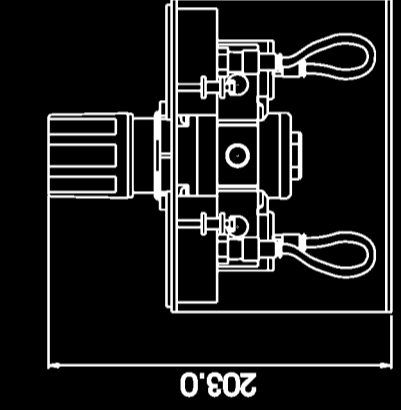
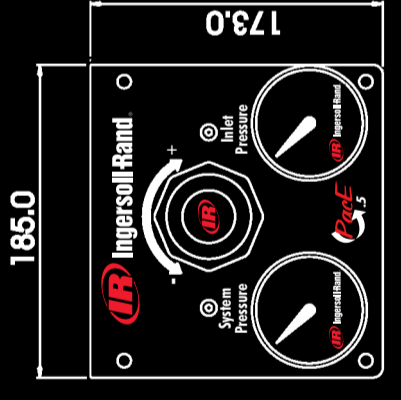
Connection Size (female)  
Maximum flow rate  
Maximum inlet pressure  
Control range  
Operating temperature range  
Sensitivity  
Repeatability

**PacE 1/2**  
0.5" BSP  
1.3 m<sup>3</sup>/min  
16 barg(g)  
10 - 0.5 barg  
-20 °C - 80 °C  
0.2% of Full Span  
±0.5% of Full Span

**PacE**  
1" BSP  
7.1 m<sup>3</sup>/min  
16 barg  
10 - 0.5 barg  
-20 °C - 80 °C  
0.2% of Full Span  
±0.5% of Full Span

**PacE II**  
2" BSP  
18.4 m<sup>3</sup>/min  
10.3 barg  
10 - 0.5 barg  
-20 °C - 80 °C  
0.2% of Full Span  
±0.5% of Full Span

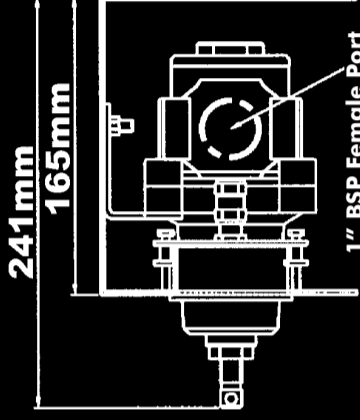
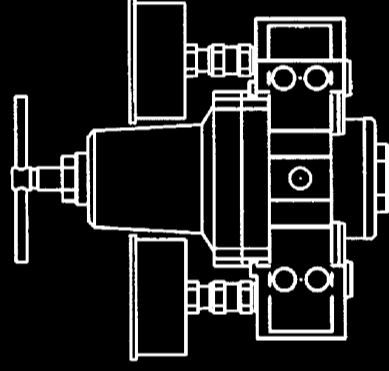
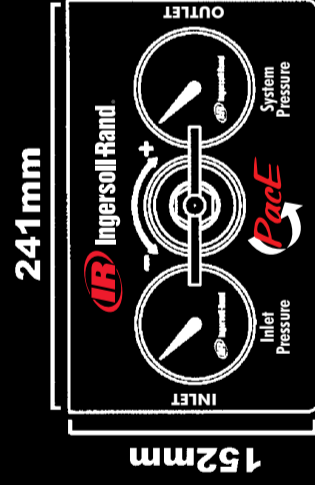
### PacE 1/2 Dimensional Drawing



CPN  
88321245

Description  
Complete unit

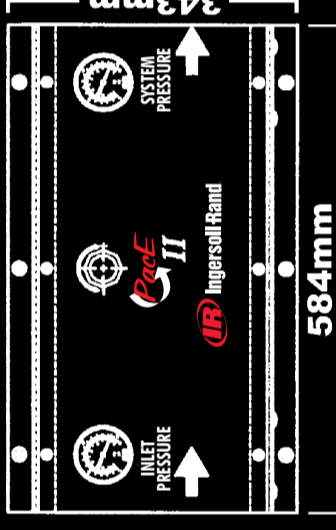
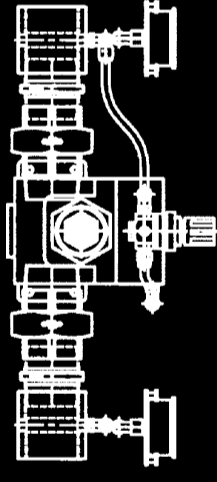
### PacE Dimensional Drawing



CPN  
88309539  
38036281

Description  
Complete unit  
Repair kit

### PacE II Dimensional Drawing



CPN  
88318654  
88317359

Description  
Complete unit  
Replacement control valve (no repair kit available)

CPN  
88317375  
88317367

Description  
Tampor Proof cap  
Replacement pilot regulator (complete)

PacE - Controlling The Pressure In Your World!



**PacE**

Controlling The Pressure in Your World!



**More Than Air. Solutions.**  
Online solutions: <http://www.air.irco.com>

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# For Economic System Control

**Installing a Pace unit will be the best decision you can make.**

Storing air at high pressure is good working practice. The higher your stored pressure, the more volume you will have in your tank to meet peak system demands. However, letting high pressure air into your system is the worst thing you can do.

Pace prevents high-pressure air from entering into your system, providing protection for all your down stream production equipment. Over pressurising tools and pneumatic components greatly reduces their life expectancy and leads to malfunction, costly repair and/ or replacement.

In addition to protecting your equipment, Pace will reduce your energy costs and provide valuable extra capacity from your air compressor.

Let us take for example a 1/6" (3.175 mm) hole, which will pass 12.27 l/s at 6.9 barg (100-psig). The same orifice will pass 10.1 l/s at 5.5 barg (80-psig), a difference of 17.7%

All air systems have leaks, and leaks are costly.

Reducing the pressure of air that escapes from your system increases the volume of air you have available and also lowers the demand on your air compressor. The result "LOWER RUNNING COSTS".



## PACE - protection and energy savings

- 1/2", 1" and 2" BSP models
- Control entire air system pressure from one compact unit
- Regulates the demand side to reduce leaks and artificial demand
- Energy savings by not over-pressurising system
- Losing air through leaks at 5.5 barg is better compared to 8.5 barg
- Protection for all down stream equipment - no over-pressurisation
- Lowers compressor demand, which can result in turning off compressors given suitable storage
- Controls within +/- 0.1 barg
- Simple installation and operation



## Typical System Layout