

## PRE-SELECTION HYDRAULIC EXPANSION SYSTEMS

### 1. TYPE HYDRAULIC EXPANSION SYSTEM

Single pump - 1 control valve

Double pump

1 control valve

2 control valves



**Pressosmart  
MP195**

Static height  
10 - 45m



**Pressosmart  
MP4**

Static height  
5 - 55m



**Pressosmart  
MP5**

Static height  
5 - 55m



**Pressosmart  
MP7**

Static height\*  
10 - 75m

195L Open expansion vessel  
is included, epoxy painted  
mild steel

to combine with:  
- Closed expansion vessel, 200 L & 500\* L - outside steel, inside rubber bag  
or  
- Open expansion vessel 200 – 5000\* L - PPH (polypropylene)  
\*for other static heights and volumes, please contact Cetetherm for customized solutions

### 2. PRESSURE

building static  
height

operating  
pressure

### 3. EXPANSION VOLUME/FLOW

capacity

+

average  
temperature \*

installation  
volume




### 4. FLUIDE TYPE

Water

Glycolated water

MEG  
(Mono ethylene glycol)

PEG  
(Poly ethylene glycol)

% Glycol

### 5. LOCATION PRESSOSMART

basement

roof

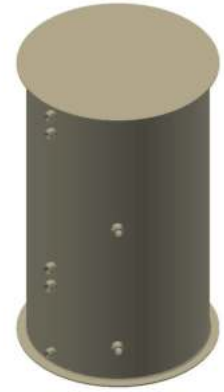
others

\* For an average temperature below 35°C, please mention 35°C (e.g. ice water)

## 6. VESSEL TYPES FOR PRESSOSMART MP4, MP5 & MP7

Closed expansion vessel \*

Open expansion vessel



Vessel combined with MP4, MP5, MP7

Additional vessel

Vessel combined with MP4, MP5, MP7 (float contacts included)

Additional vessel (without float contacts)

\* Cetetherm recommends Pressosmart with Closed expansion vessel for low temperature networks

Customer's additional comment

## 7. OPTIONS

|  |  |
|--|--|
| 8L anti-hammer vessel - work pressure 8 bar max. | for MP4, MP5 & MP7                                   |
| 100 µm core water strainer                       | to protect the solenoid valve from automatic filling |
| impuls meter - 10L/impulsion                     | for water leak detection                             |
| Cold water feed bypass kit                       | for cold water supply                                |
| 8 Relay board                                    | FOR OPEN EXPANSION VESSEL                            |
| Modbus board*                                    | for open expansion vessel                            |
| Flooding detector                                | for water leak detection                             |
| Set of 2 float contacts                          | for Pressosmart without expansion vessel             |

\* standard on Closed expansion vessel