



Steve Skinner, Eaton Hydraulics, Havant, UK

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Steve Skinner, Eaton Hydraulics, Havant, UK

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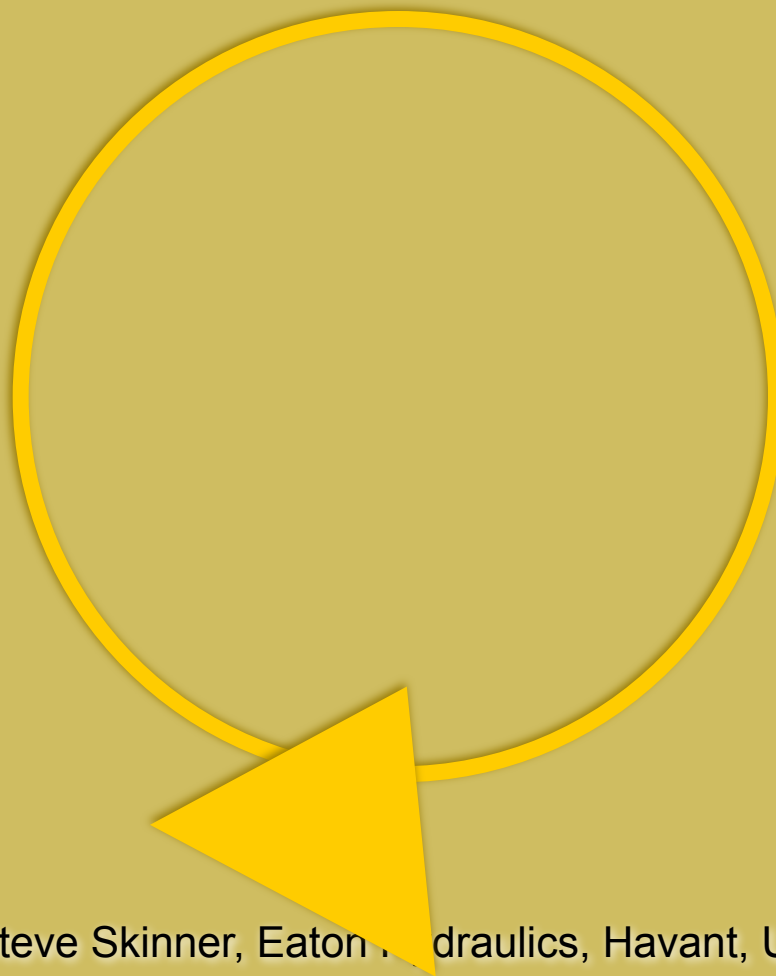
Steve Skinner, Eaton Hydraulics, Havant, UK

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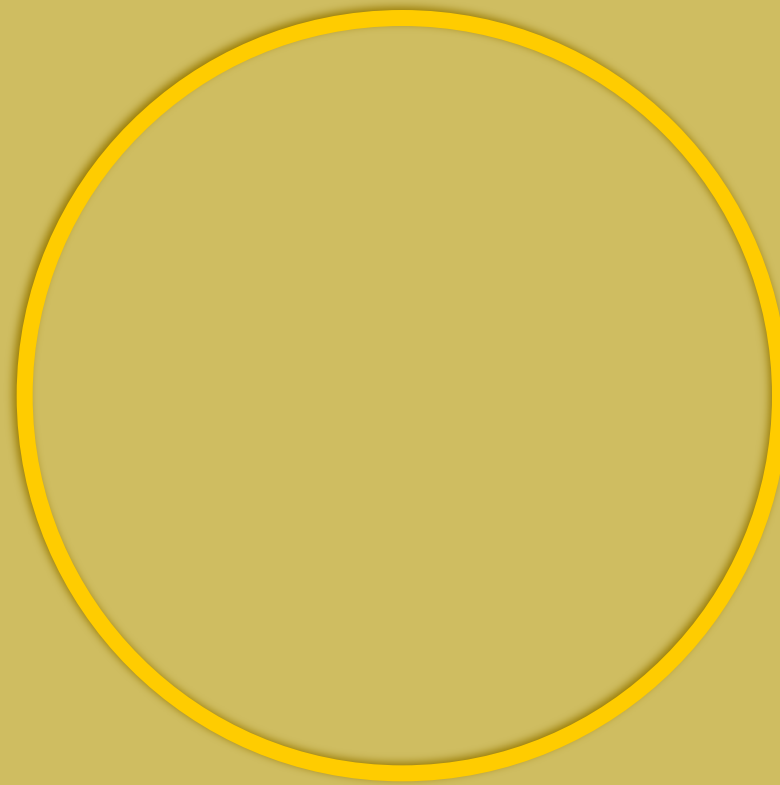
Steve Skinner, Eaton Hydraulics, Havant, UK

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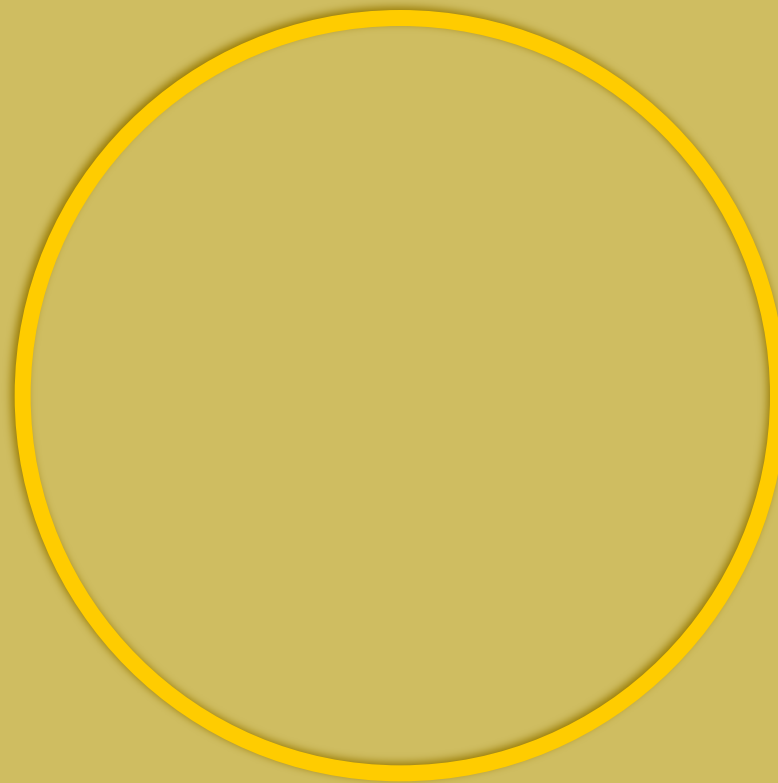


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Steve Skinner, Eaton Hydraulics, Havant, UK
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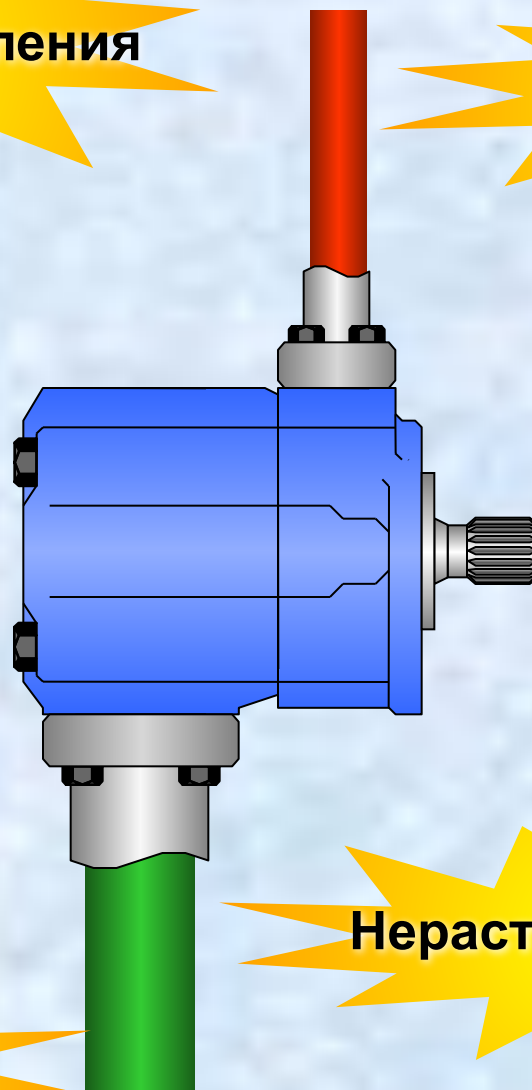


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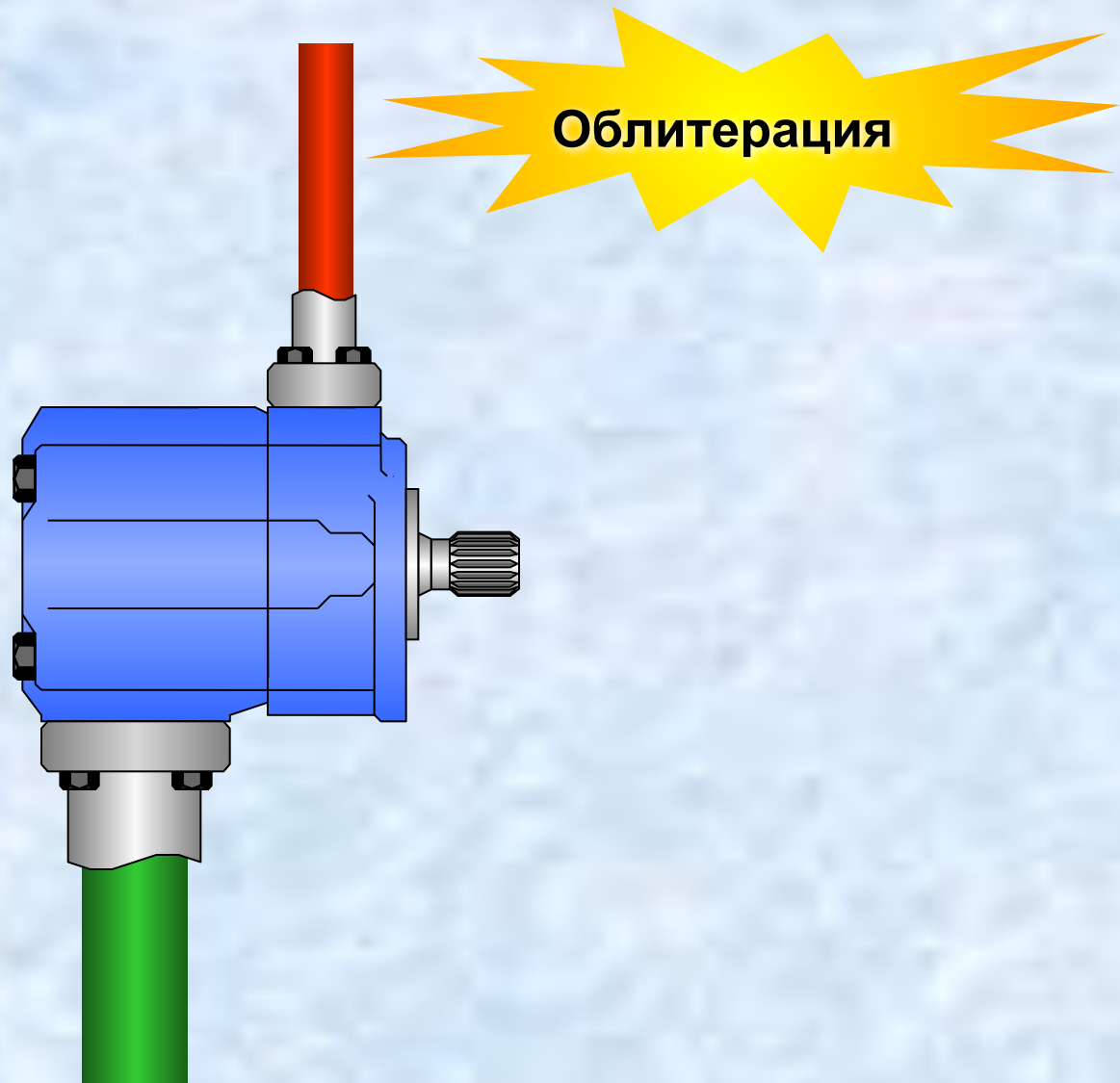
Пульсации давления

Облитерация



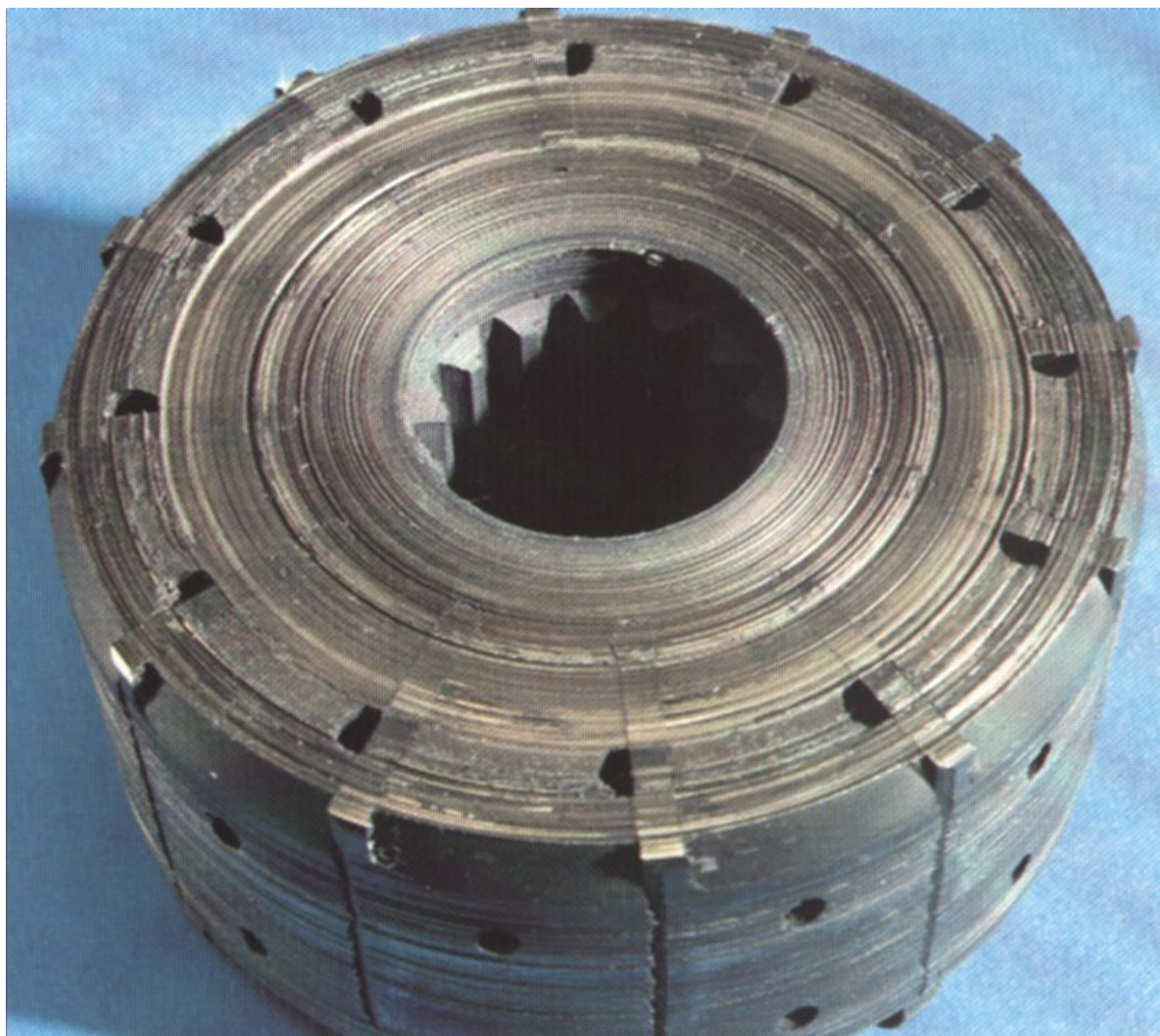
Нерастворенный воздух

Кавитация



**От 70 до 90% всех
отказов в
гидравлической системе
связаны с плохой
подготовкой рабочей
жидкости.**

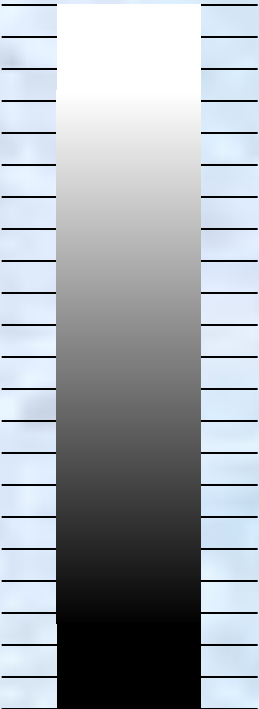




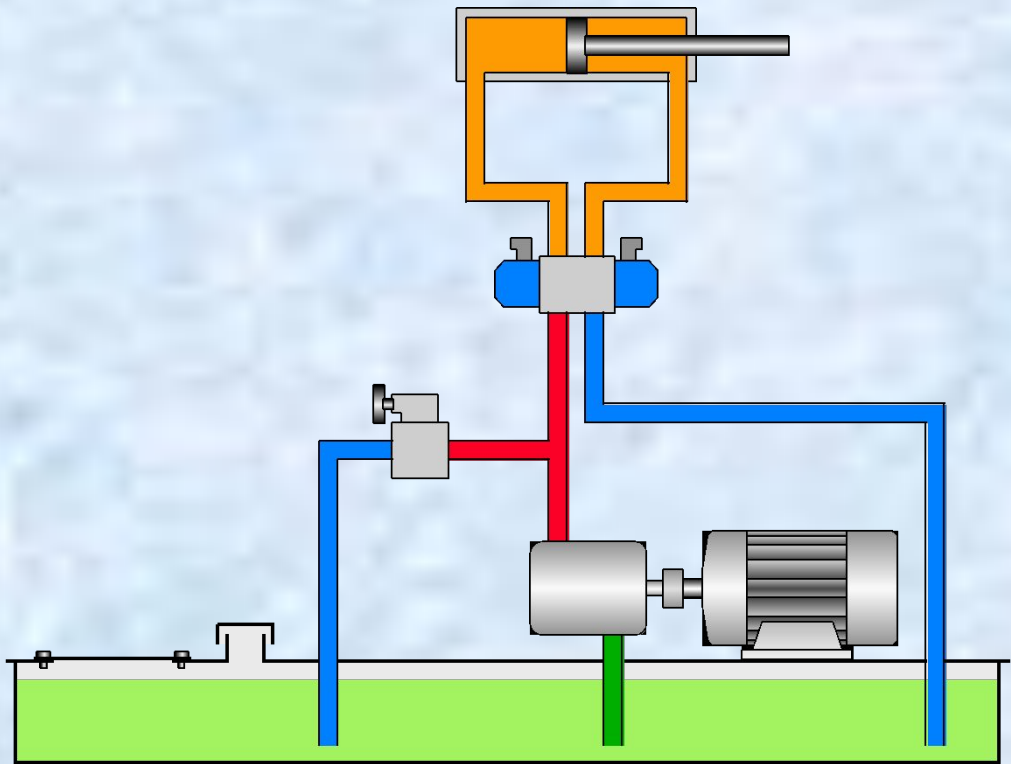
Требуемое
значение

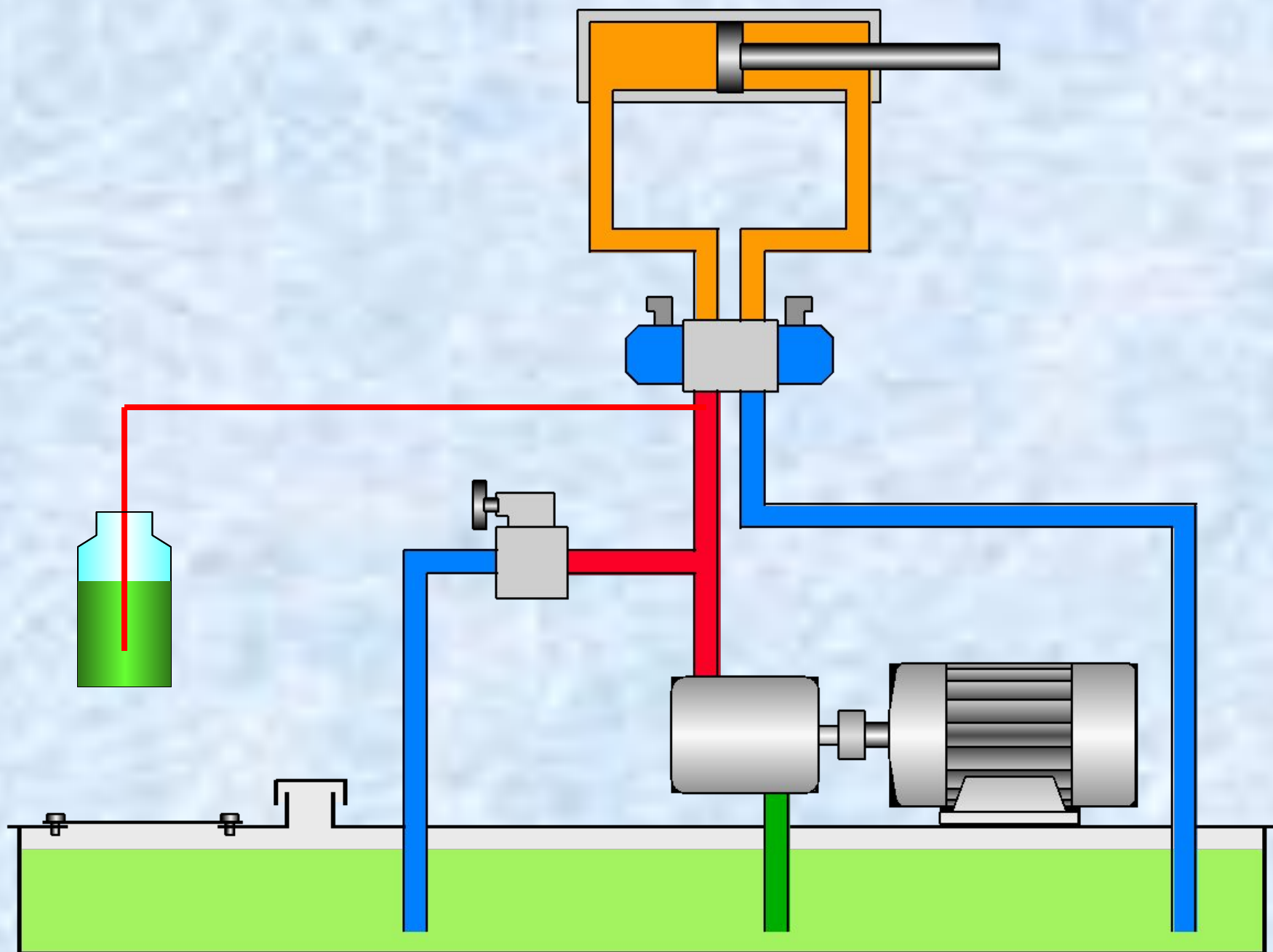
Текущее
значение

Очищенная



Загрязненная





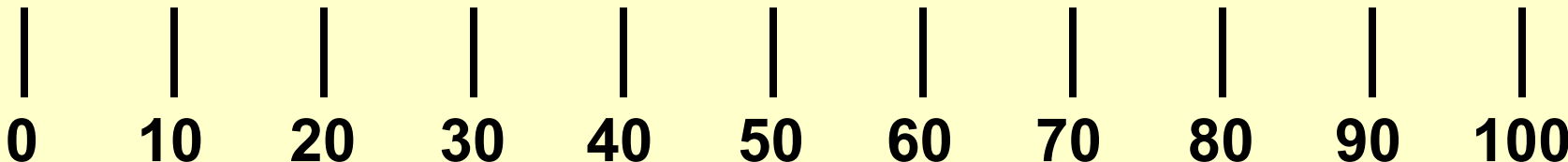
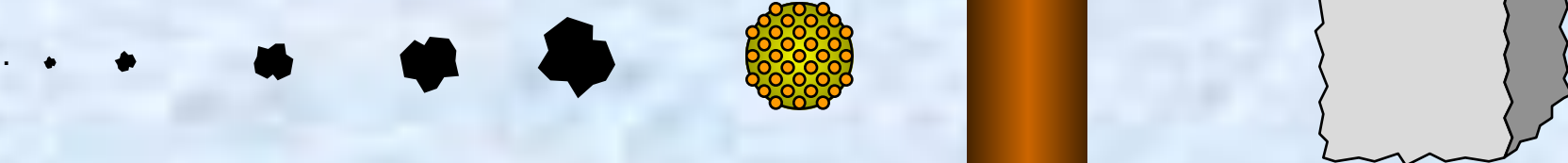
1 Микрометр (μm) = 0.000001 Метр = 0.001 миллиметр



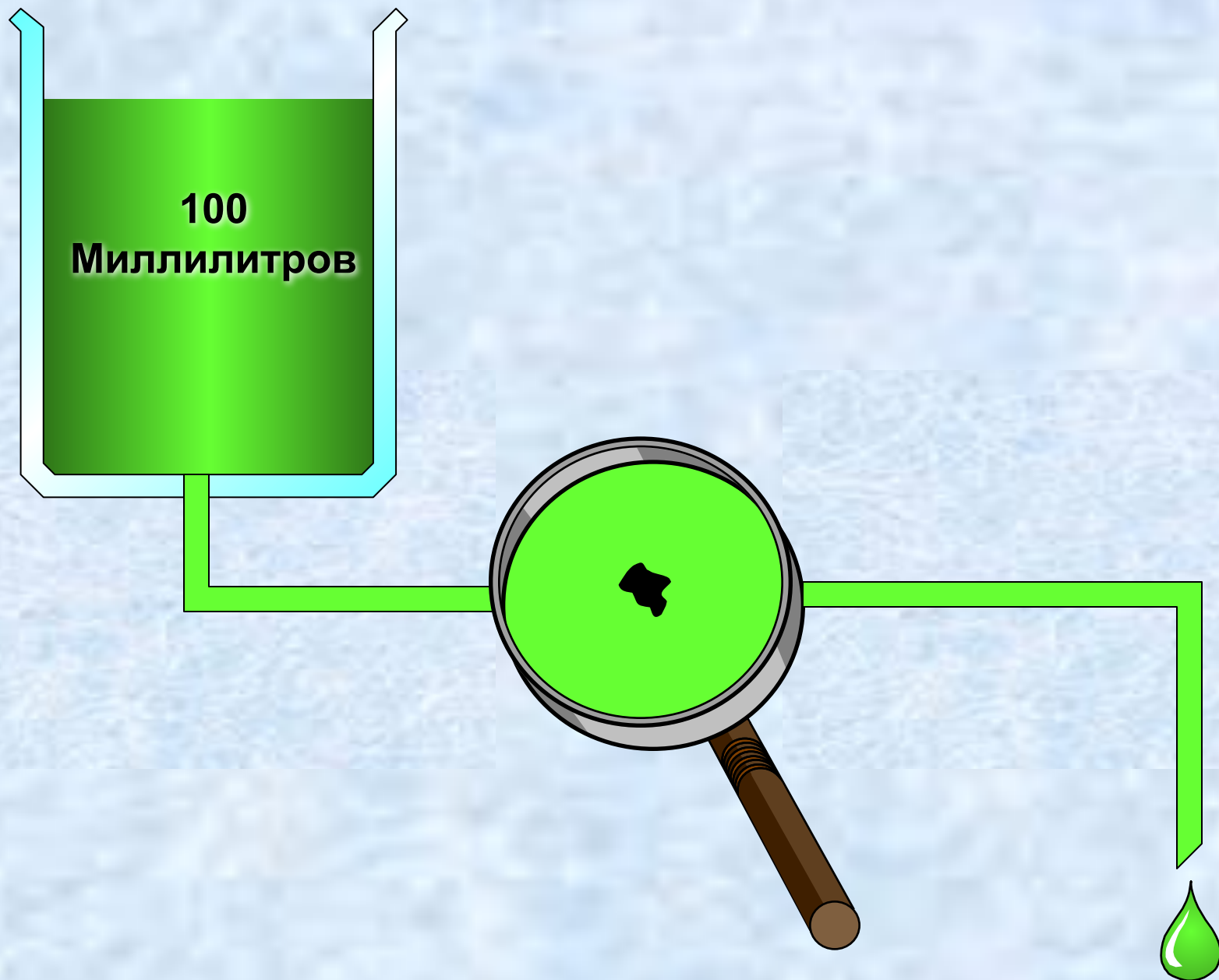


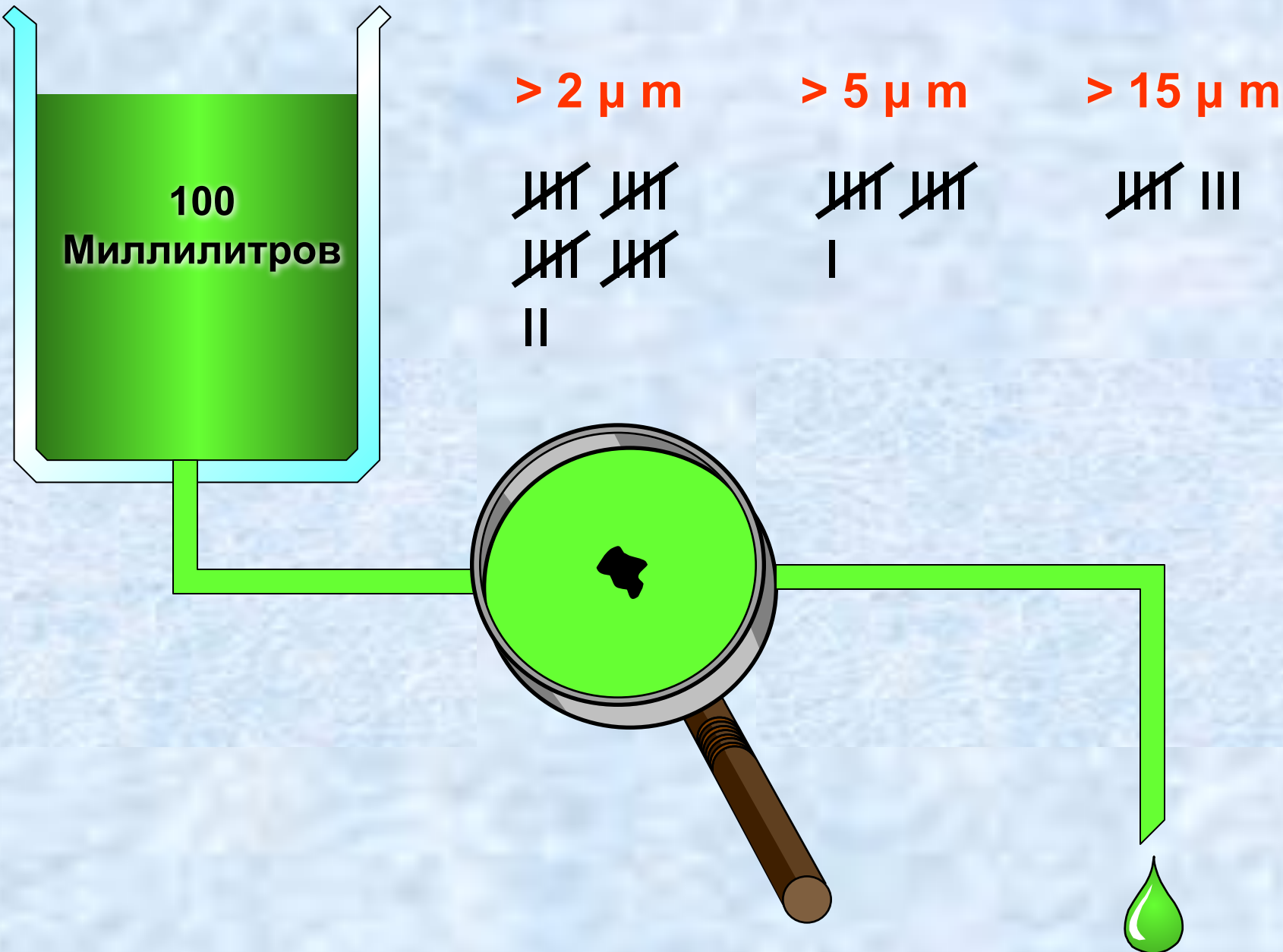
Пыльца Человеческий
волос

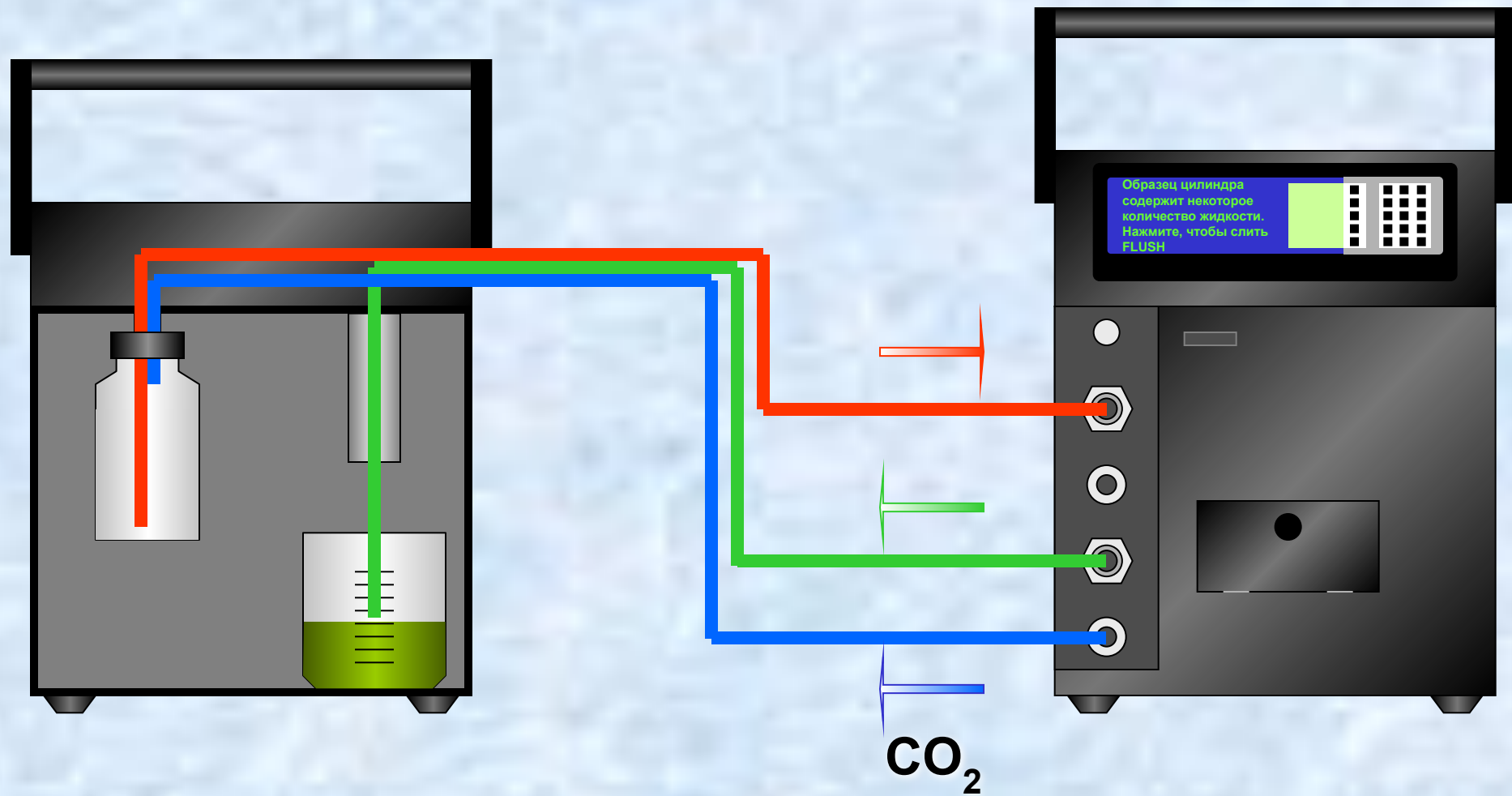
Кристалл
соли

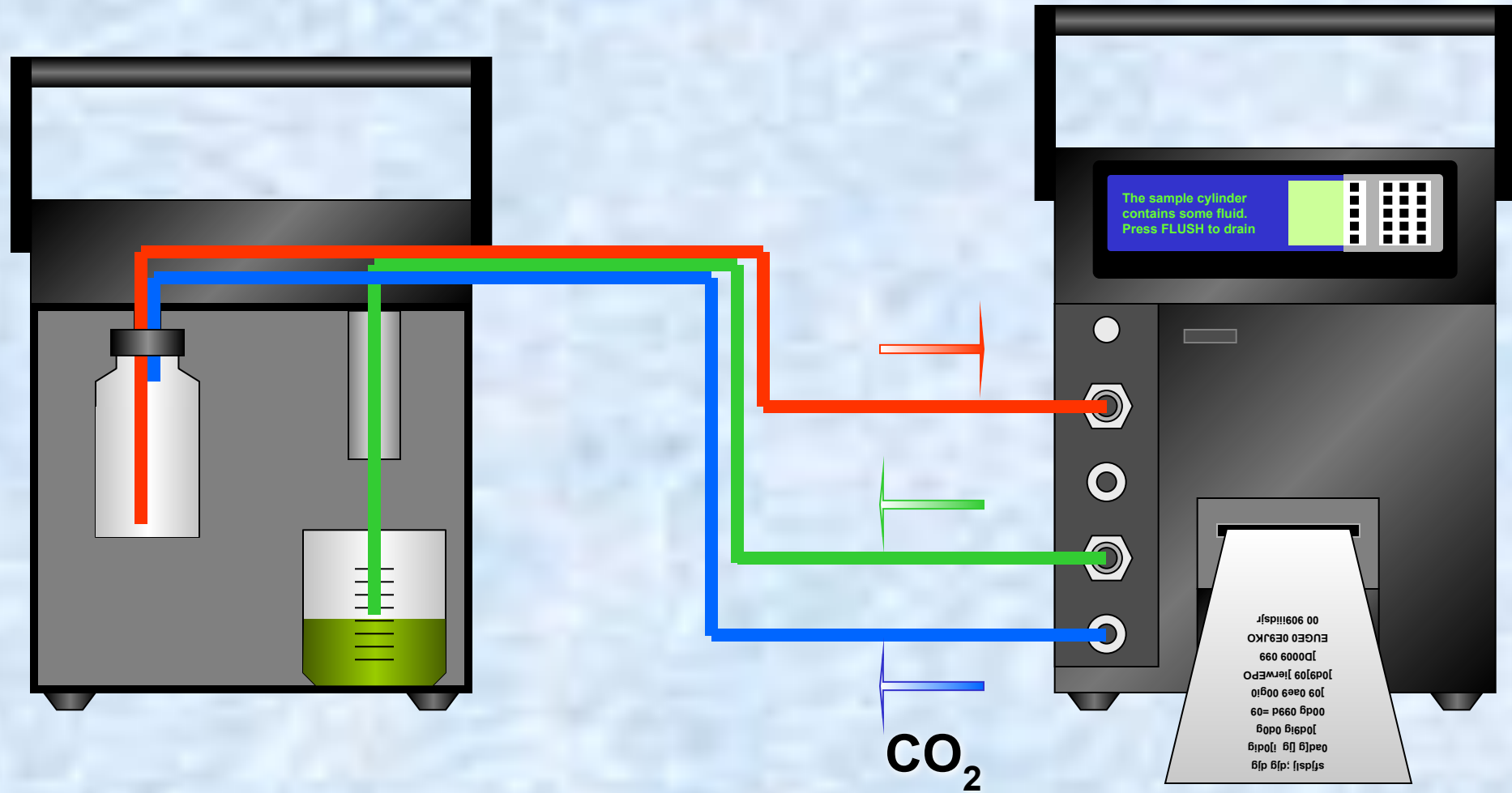


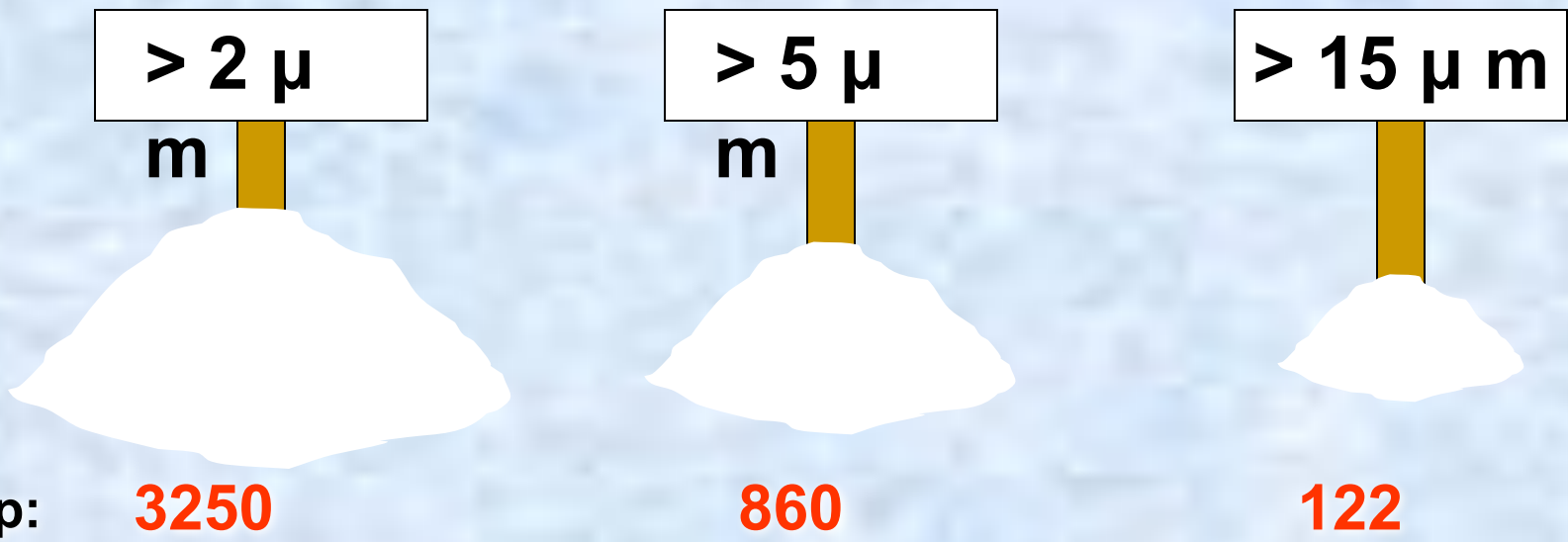
Микрометр











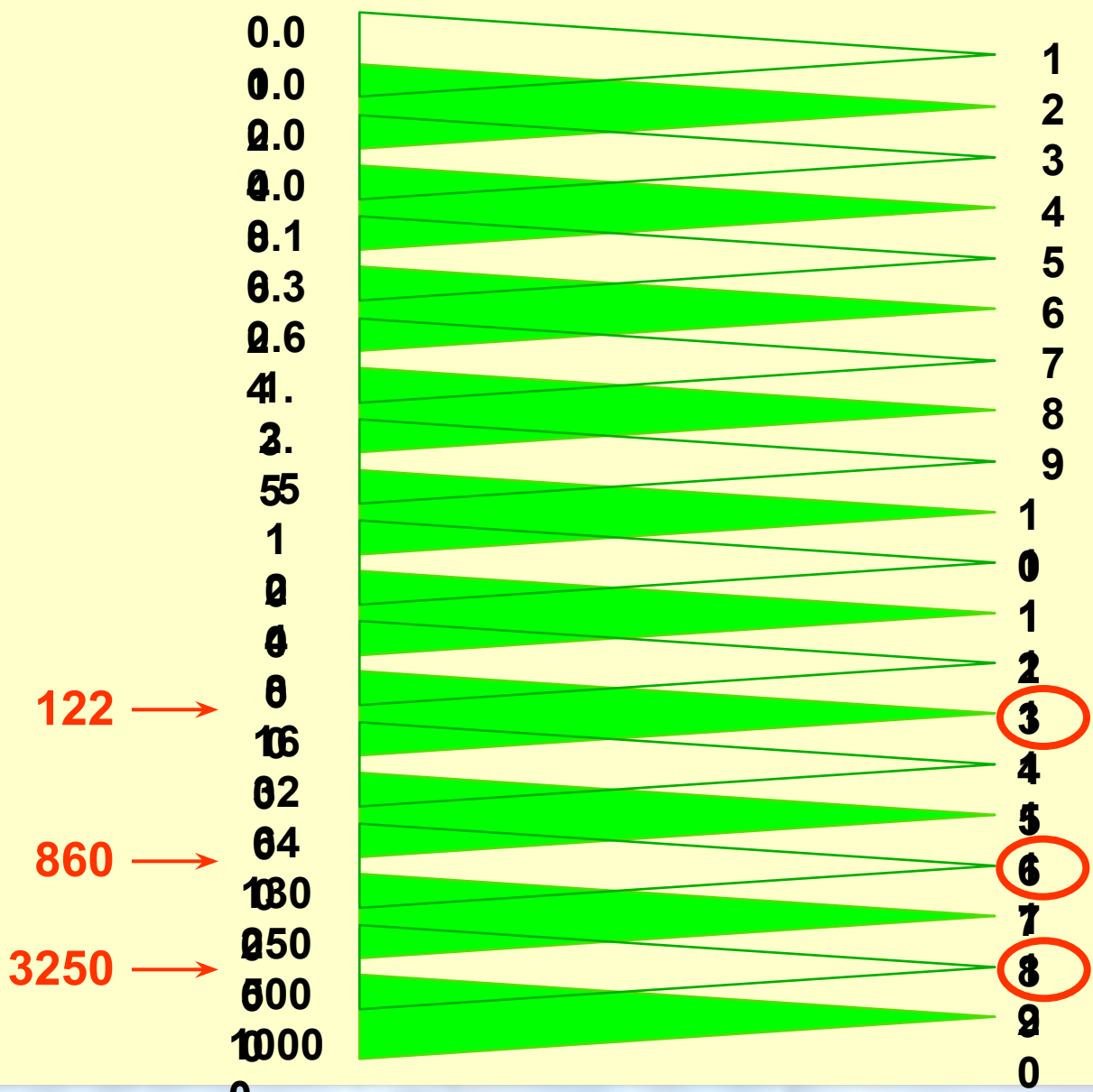
Пример:
на 100 мл

Целевая программа фирмы VICKERS				
Проба:	Двигатель № 1			
Дата:	8.1.99			
Объем пробы:	30мл			
Расход:	50 - 25 мл/мин			
Полученные значения:	Кол-во частиц / мл			
ISO:	22/17/13			
NAS:	8			
	Мин	Макс	Среднее	значение
2μm	3214	3285	3250	
5 μm	832	887	860	
15 μm	119	124	122	
25 μm	7	12	9	
50 μm	0	1	0	
100 μm		0	0	0



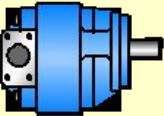
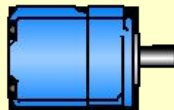
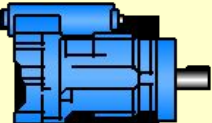
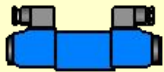
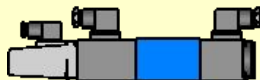
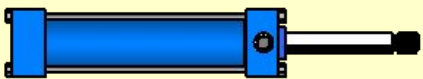
Количество частиц/мл

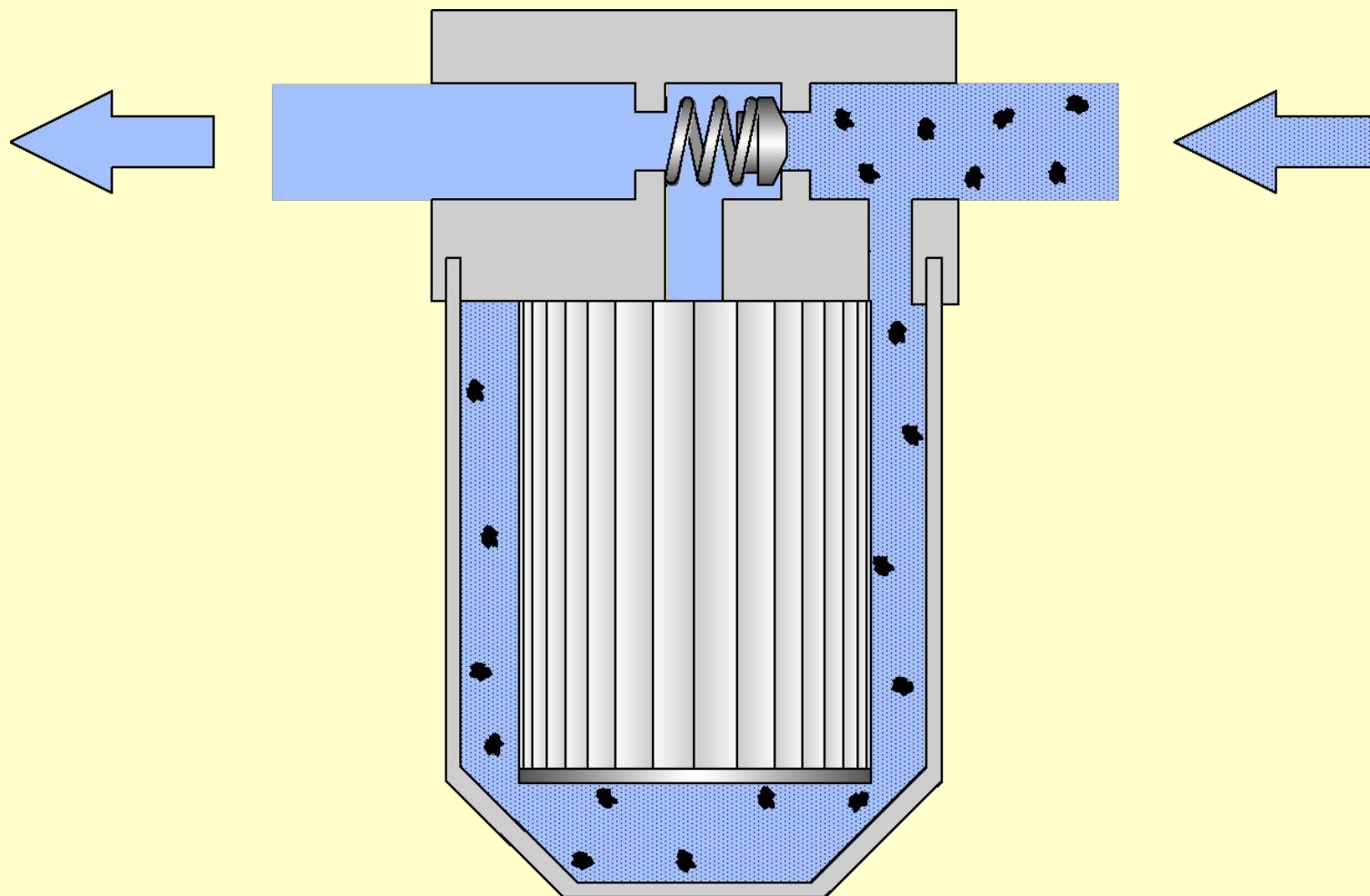
Код

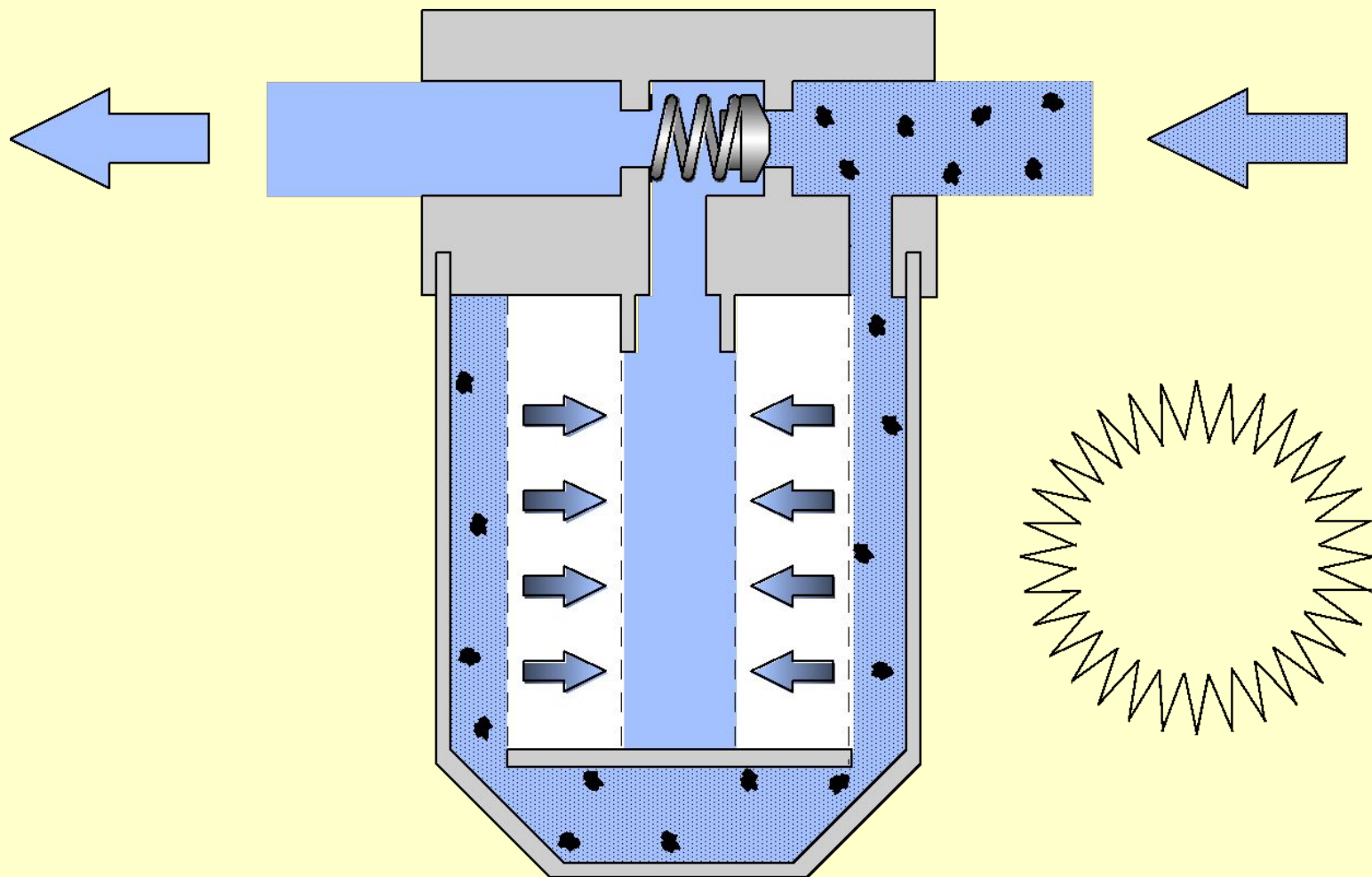


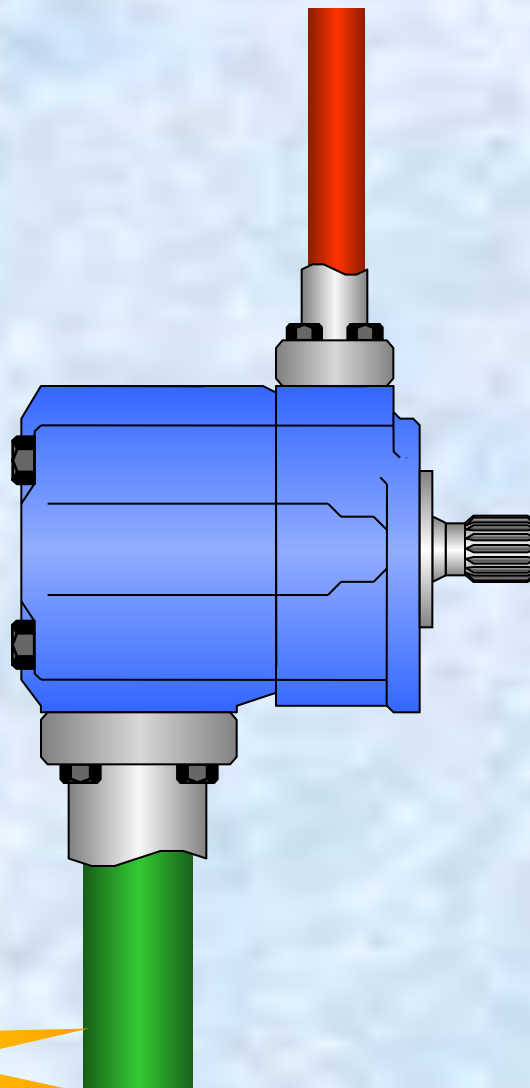
ISO 4406
Код
19 / 17 / 14

Кодировка загрязнений ISO

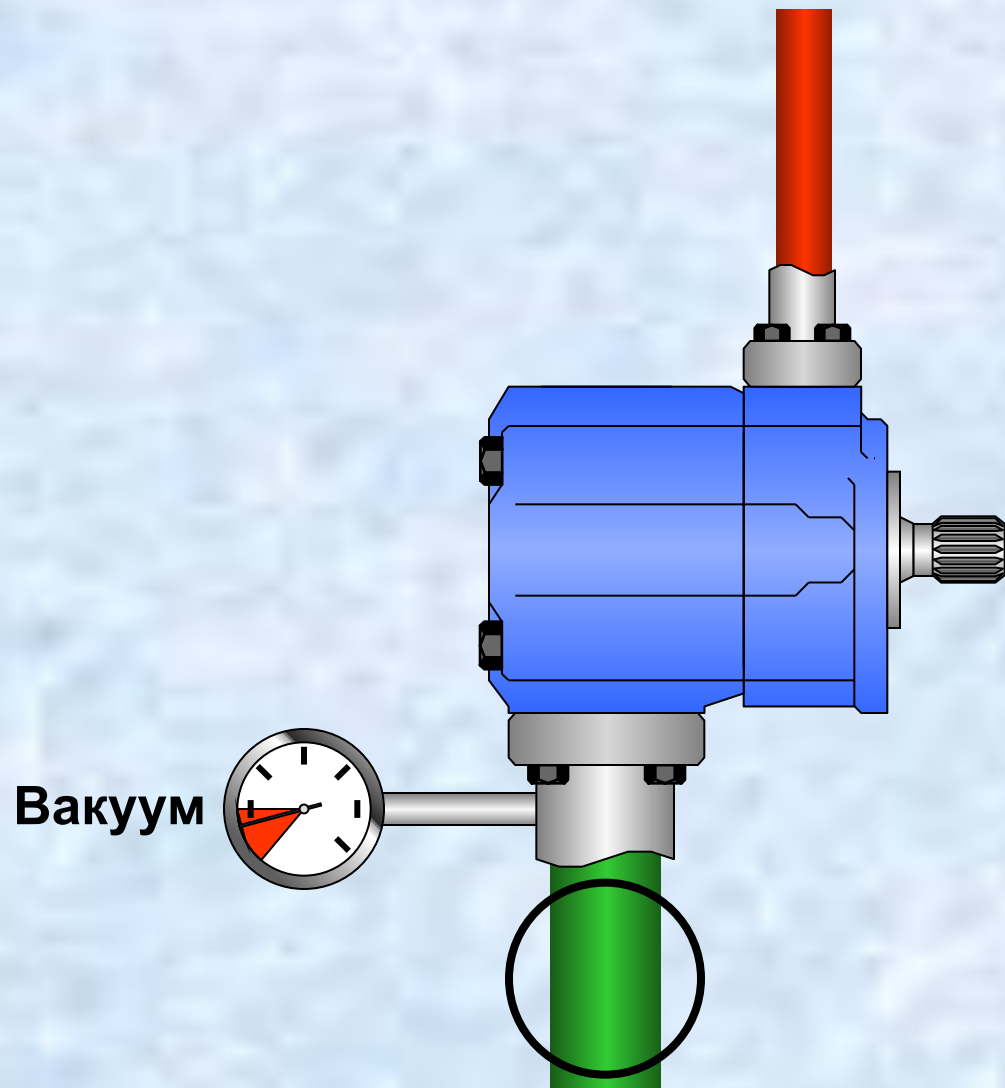
	P < 140 bar	P < 210bar	P > 210 bar
	20/18/15	19/17/15	18/16/13
	20/18/15	19/17/14	18/16/13
	18/16/14	17/15/13	16/14/12
		20/18/15	19/17/14
		18/16/13	17/15/12
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	20/18/15	20/18/15	20/18/15

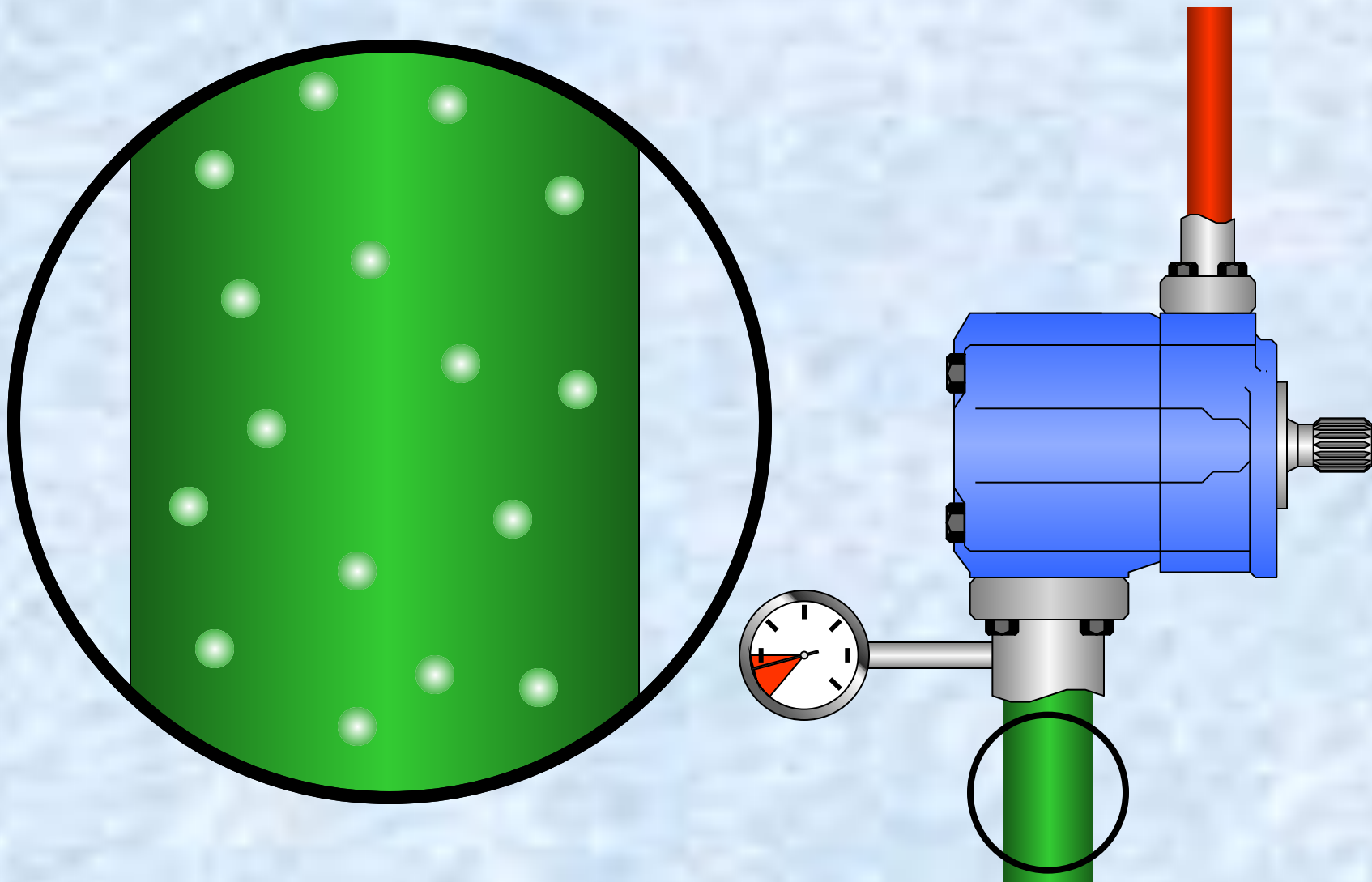


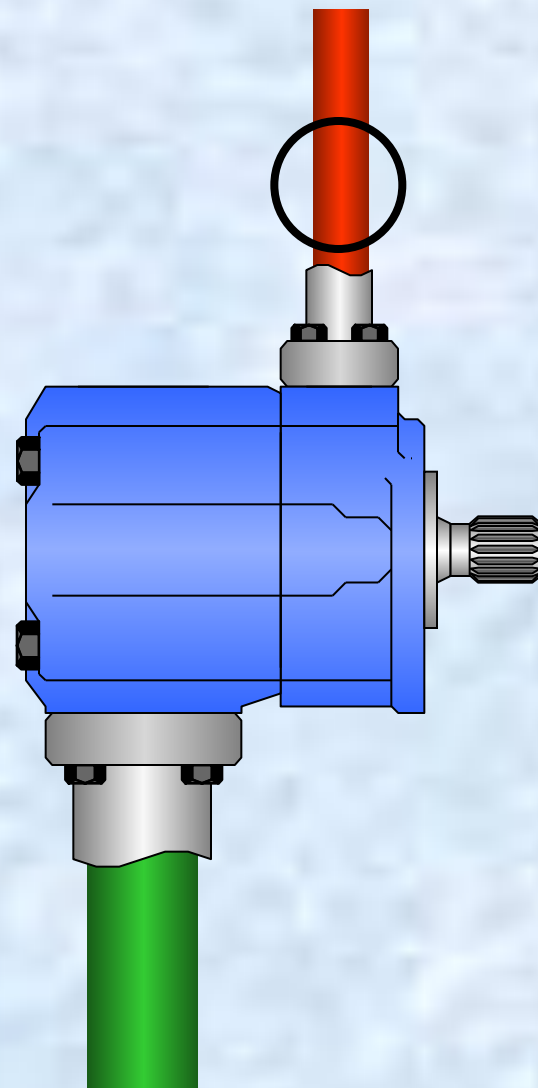
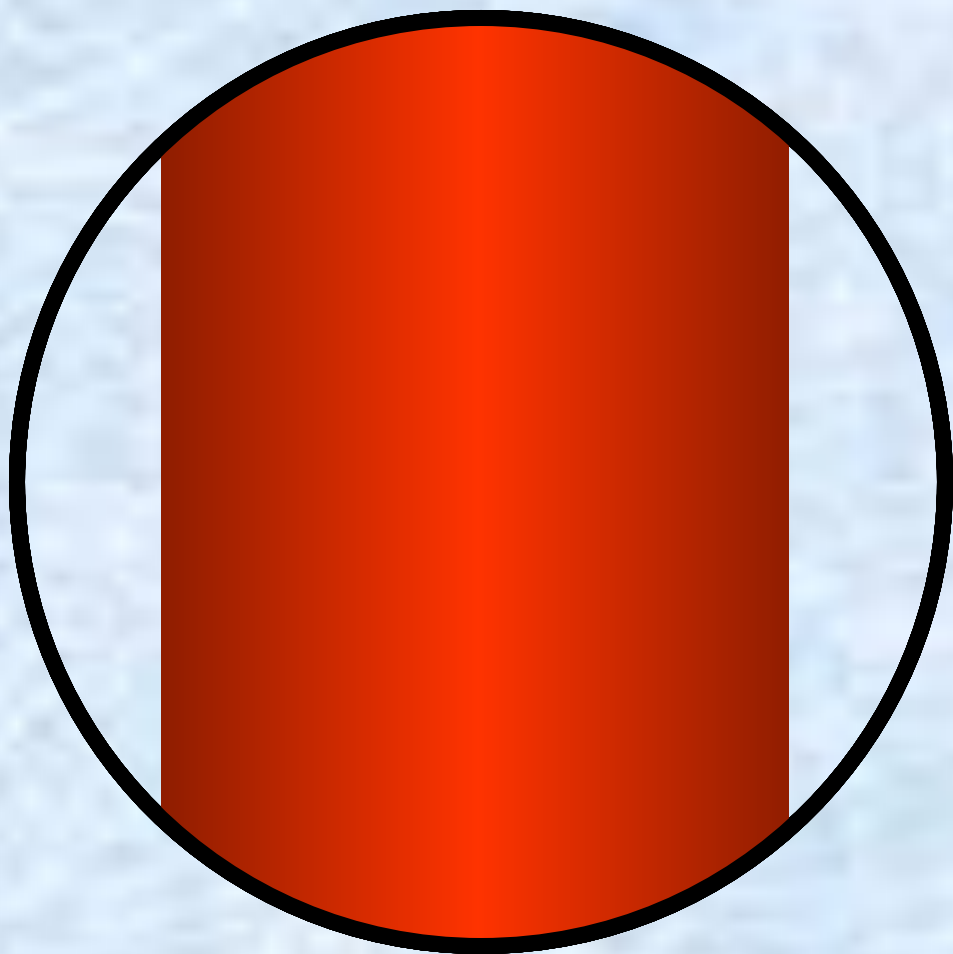




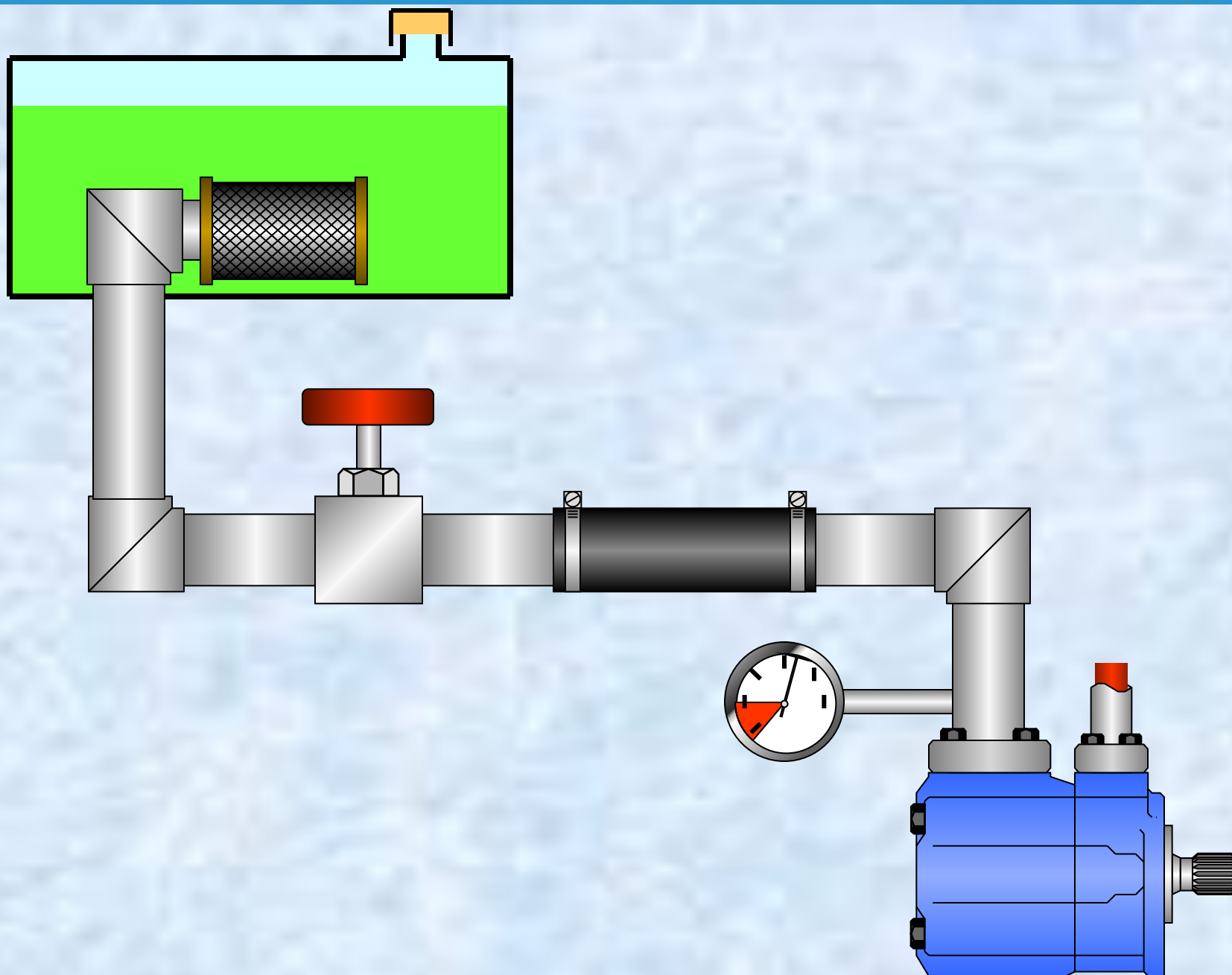
Кавитация

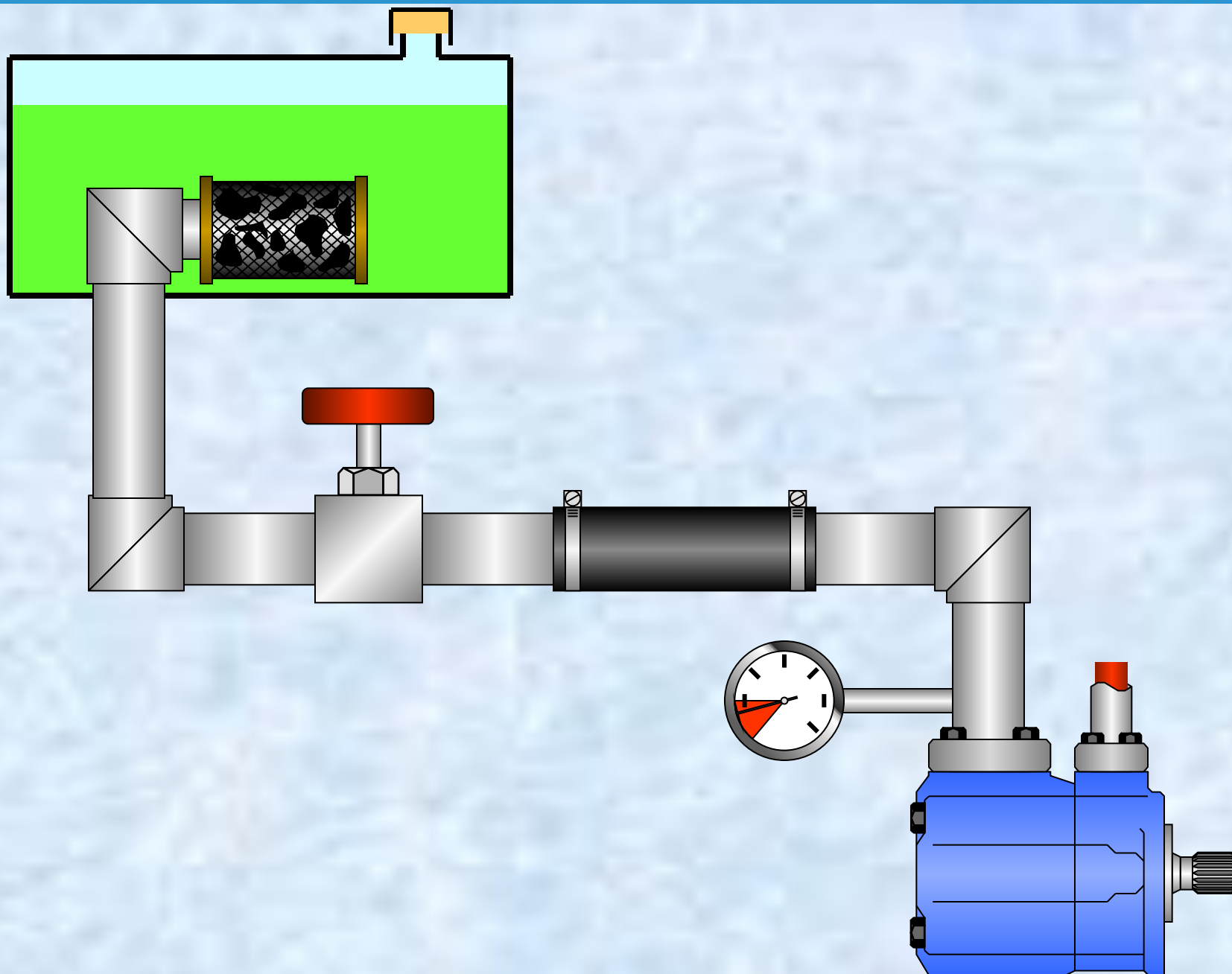


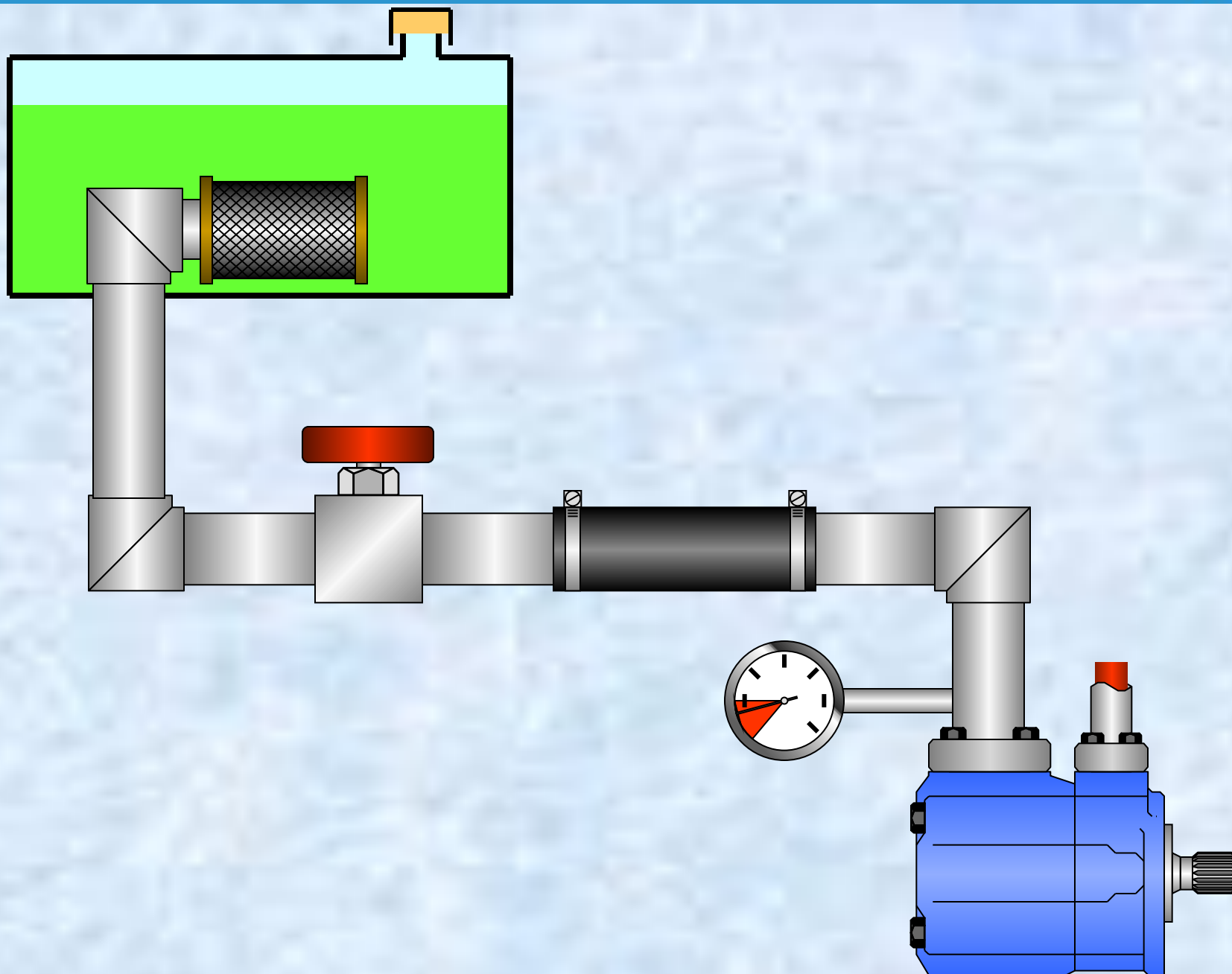


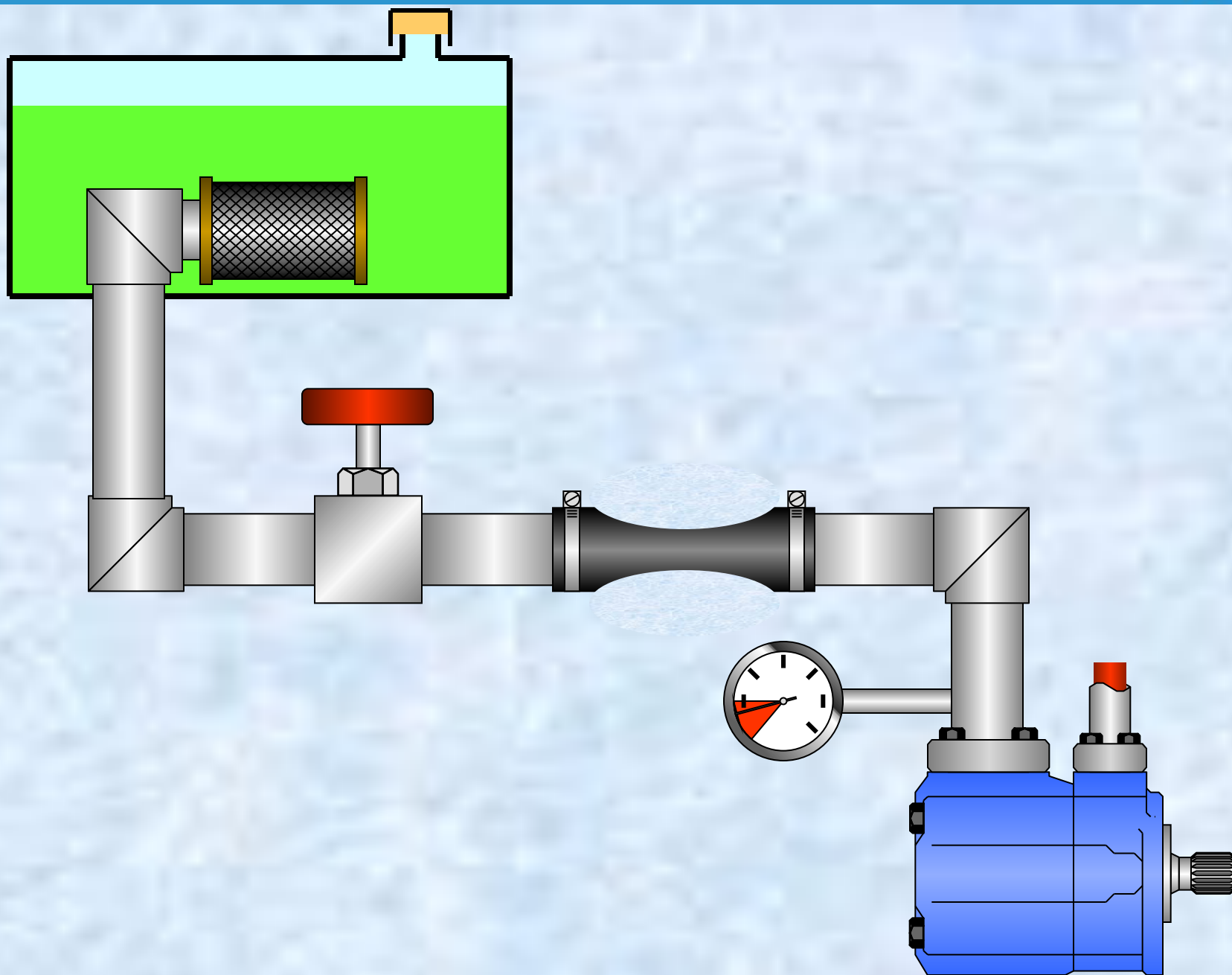


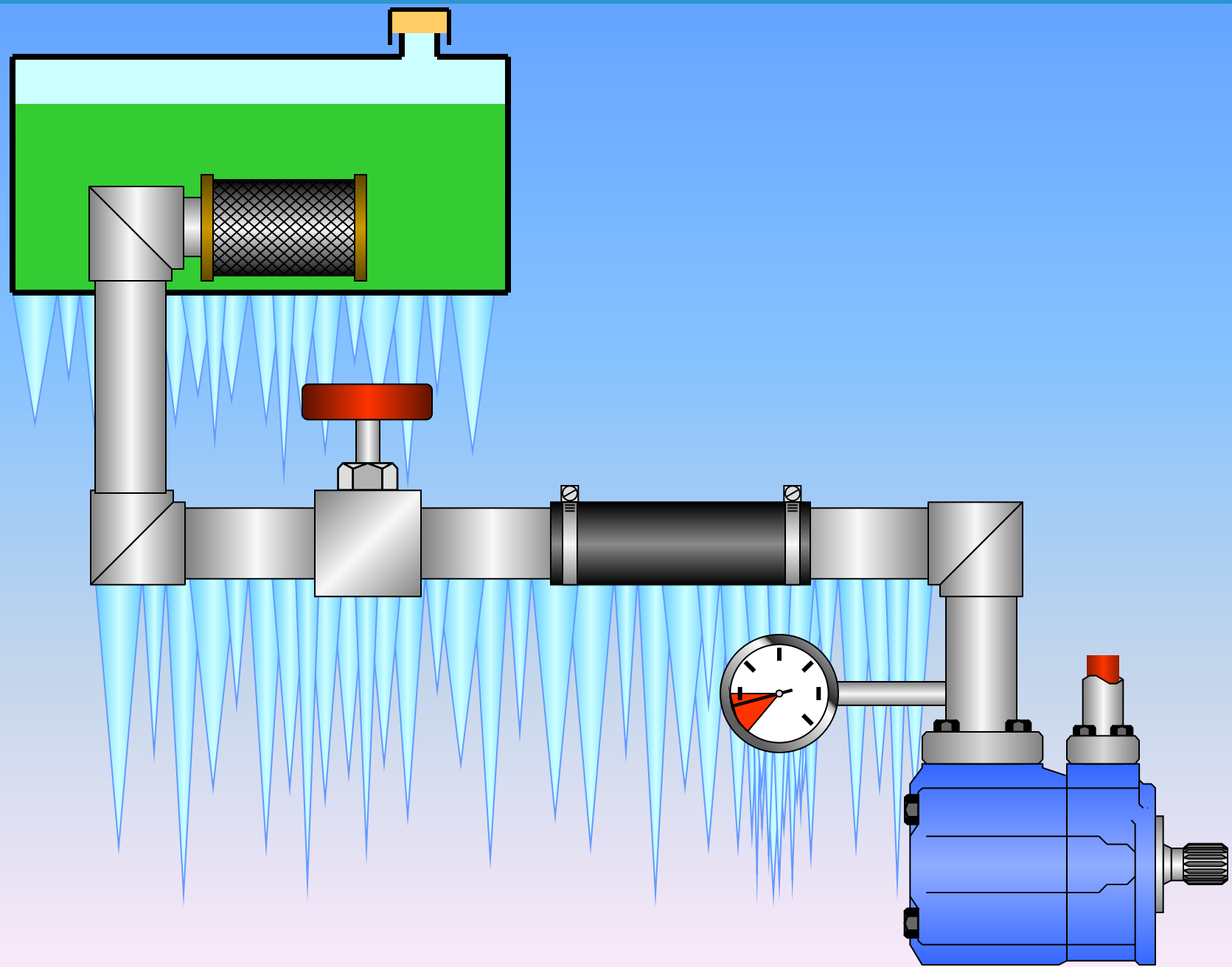


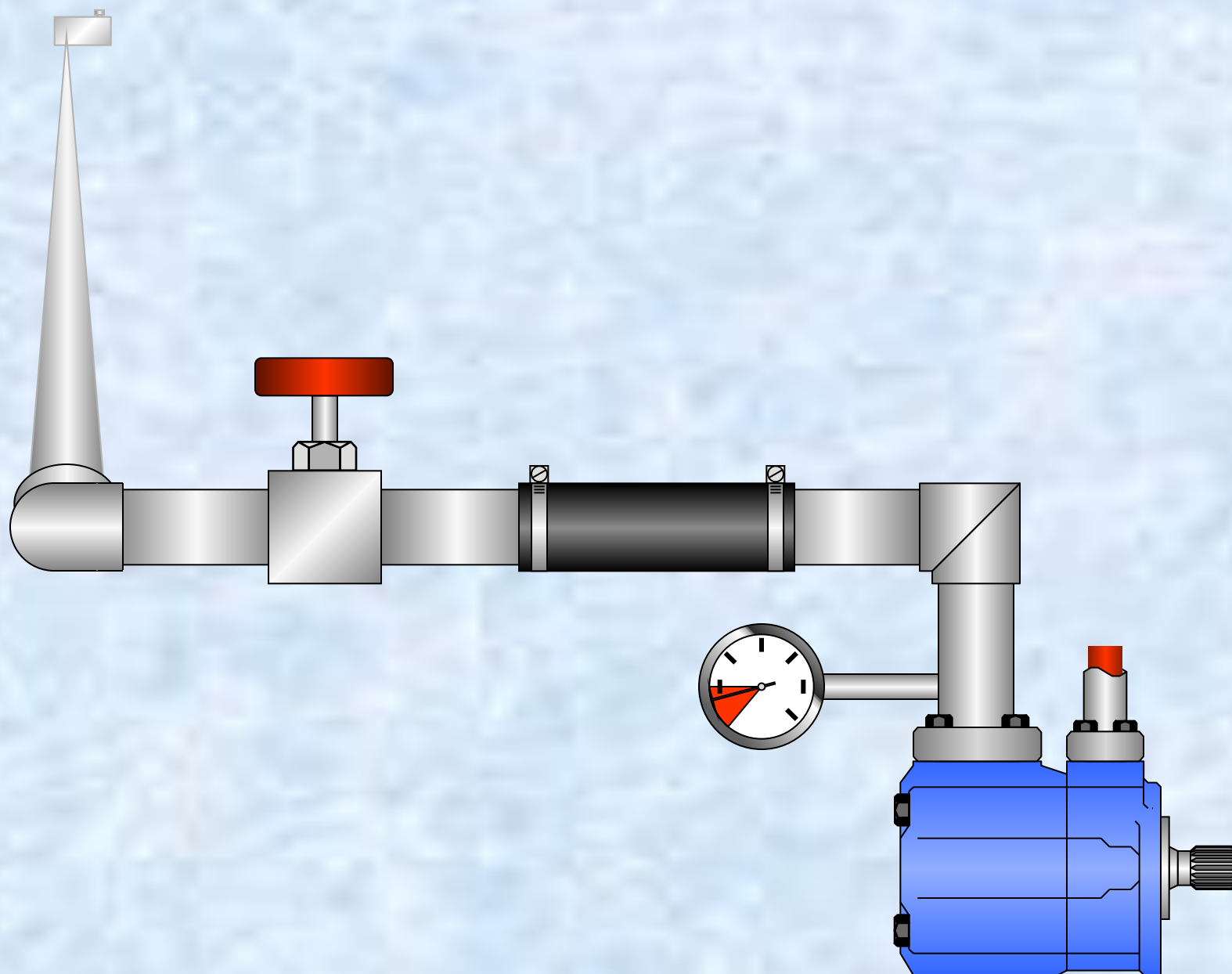


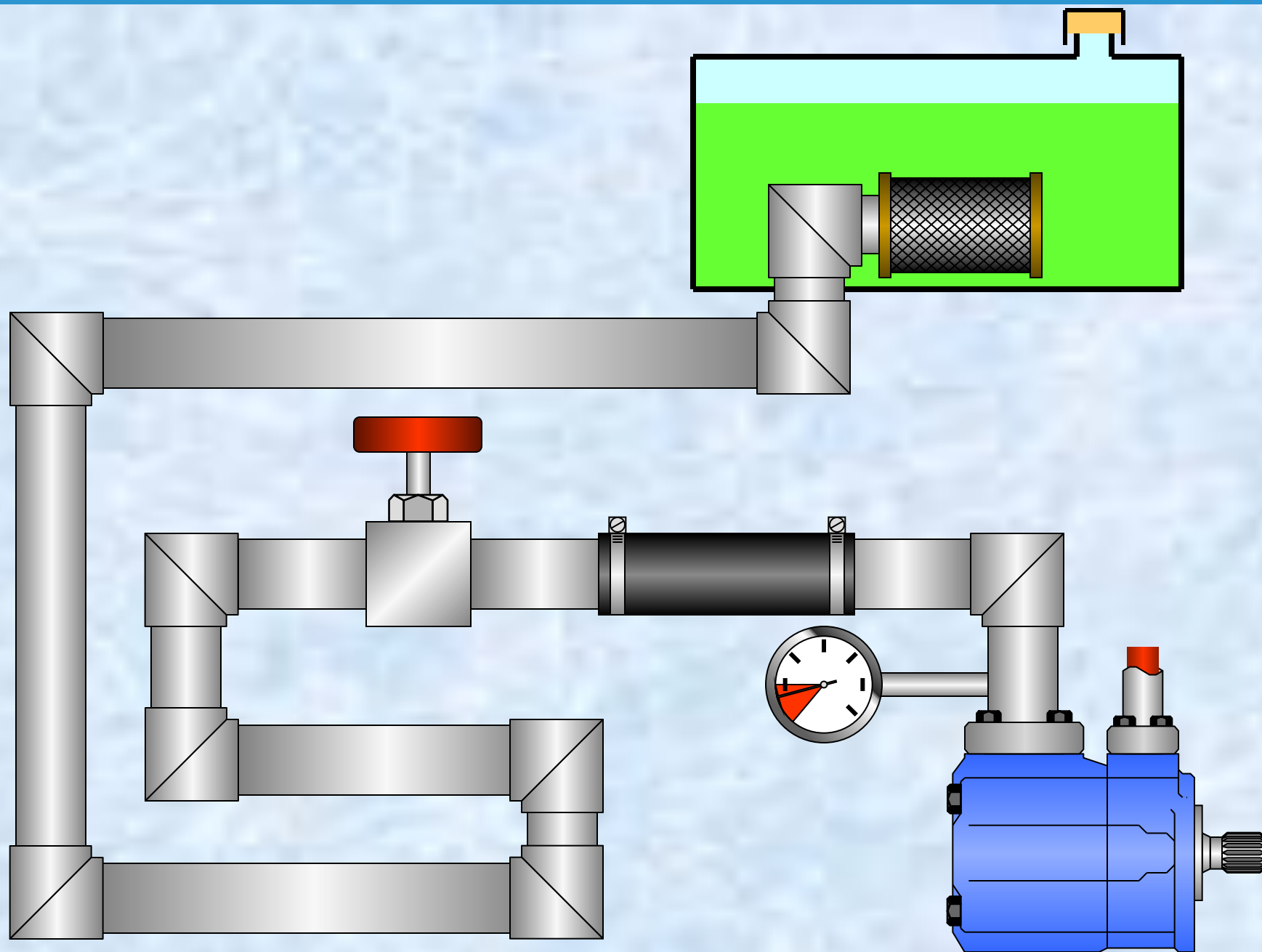


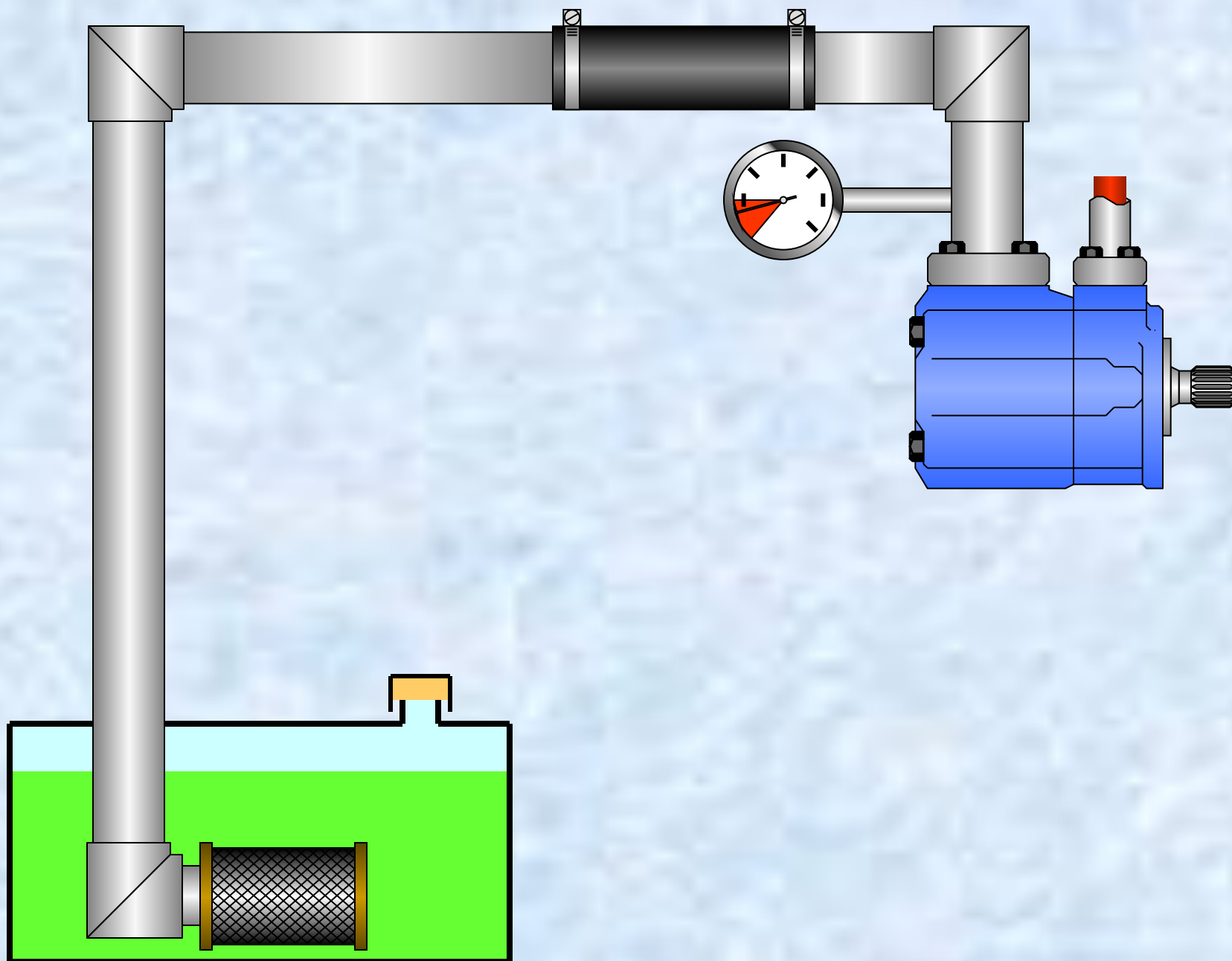


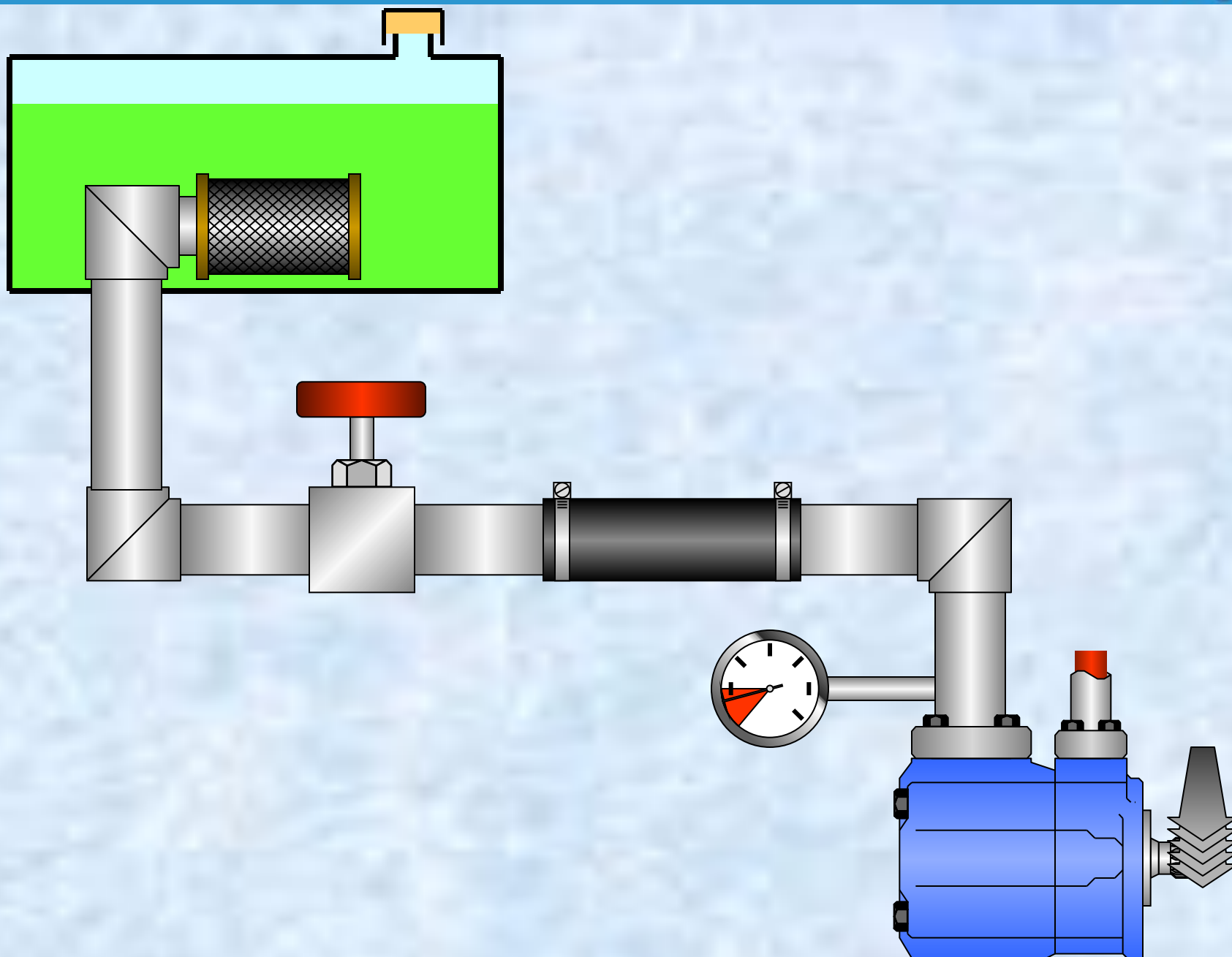


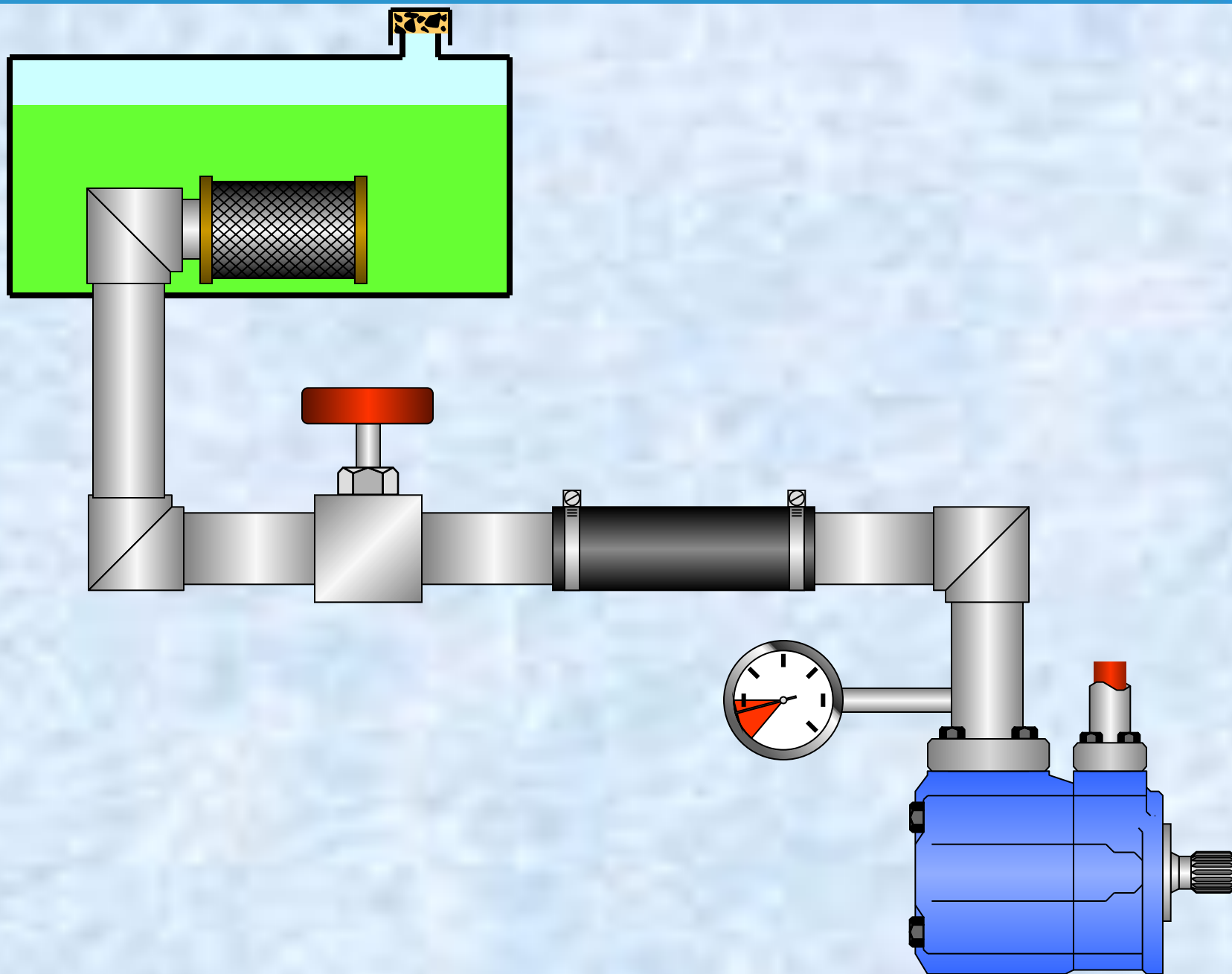


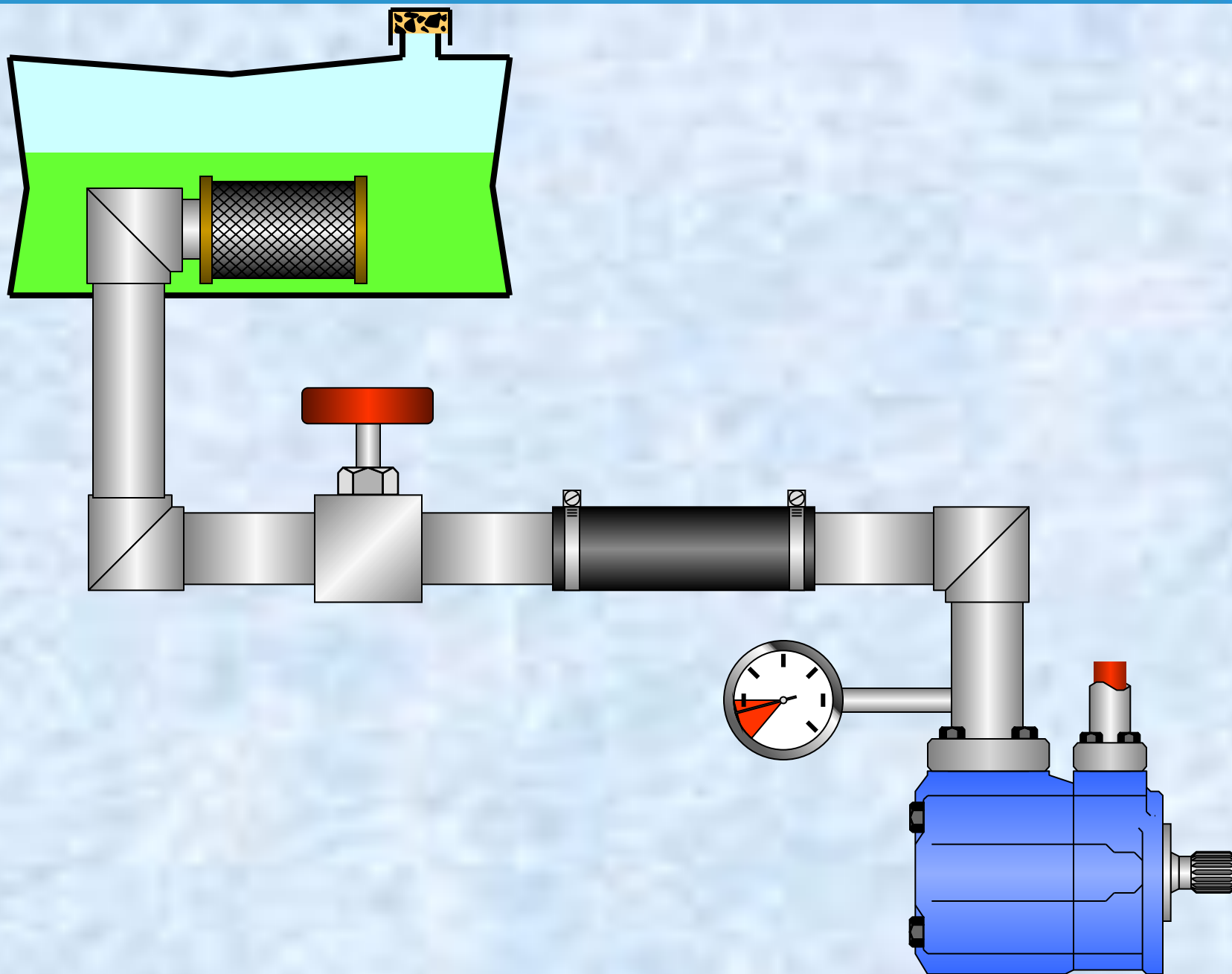


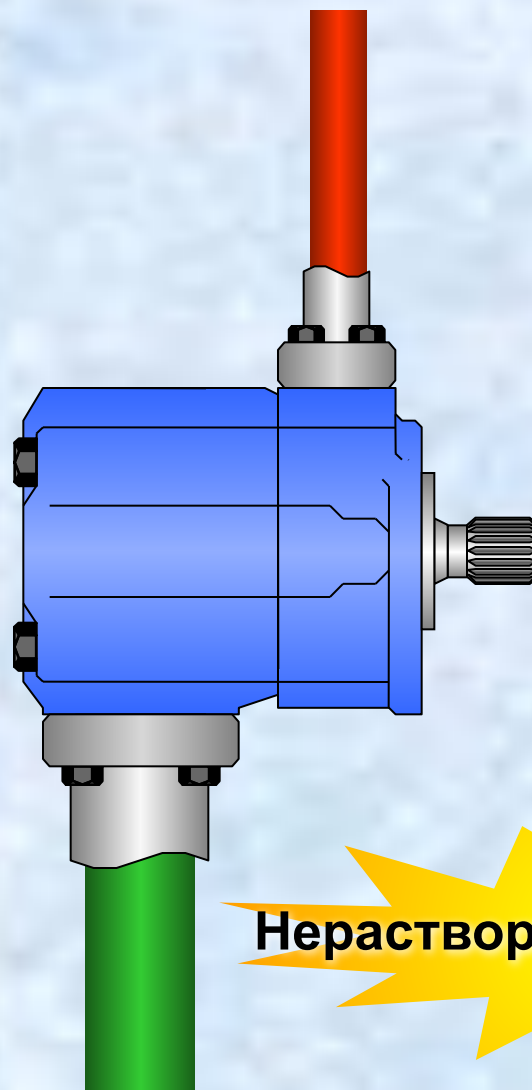




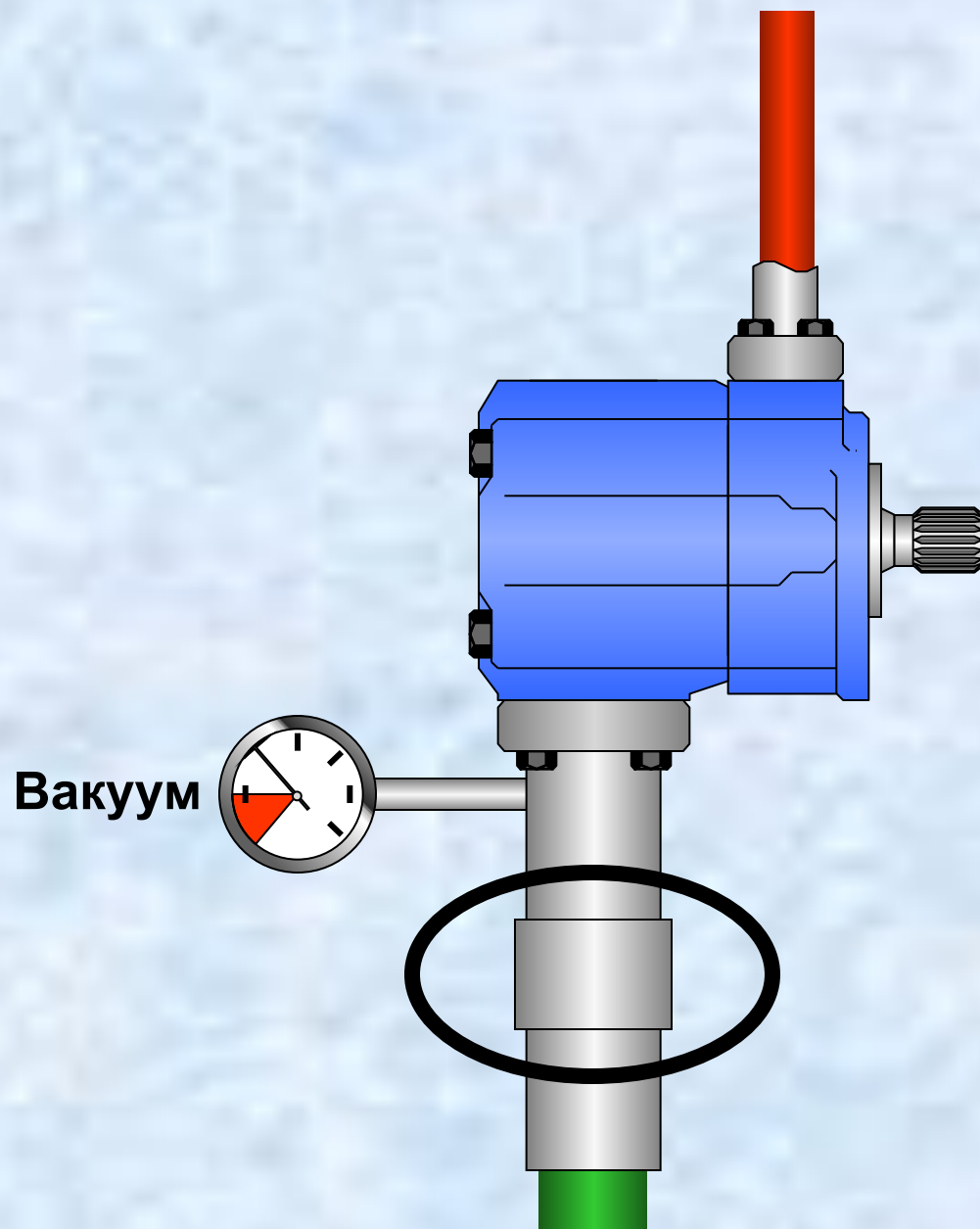


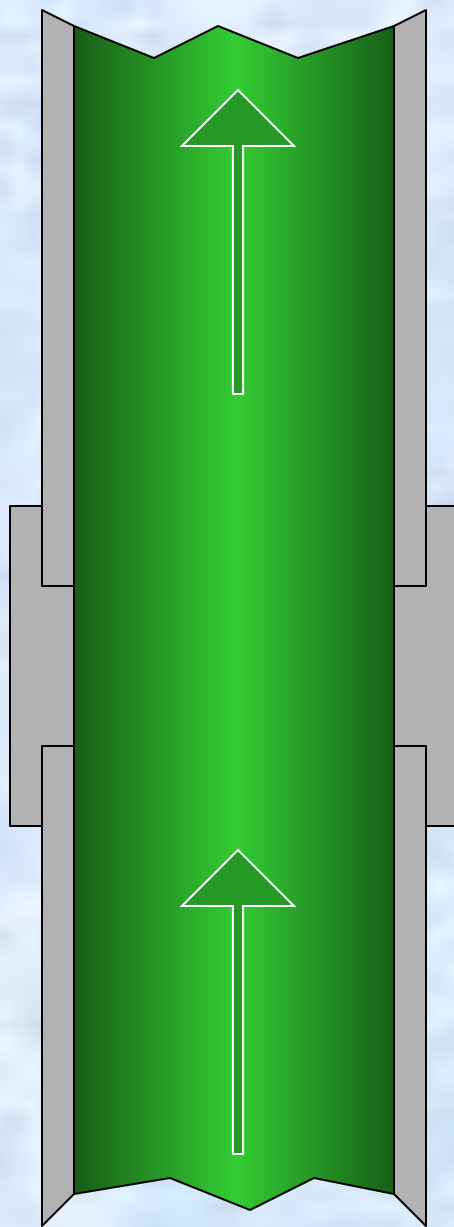




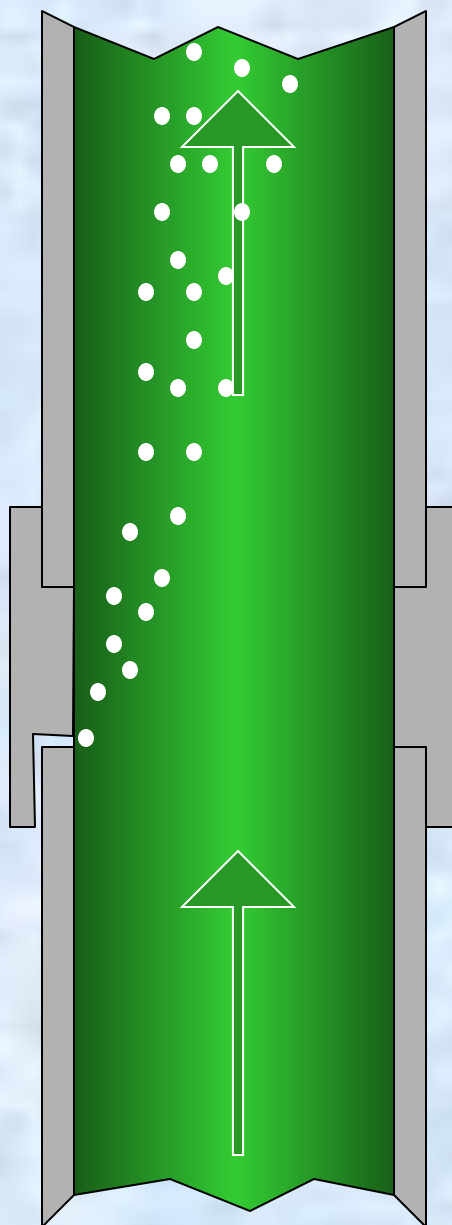


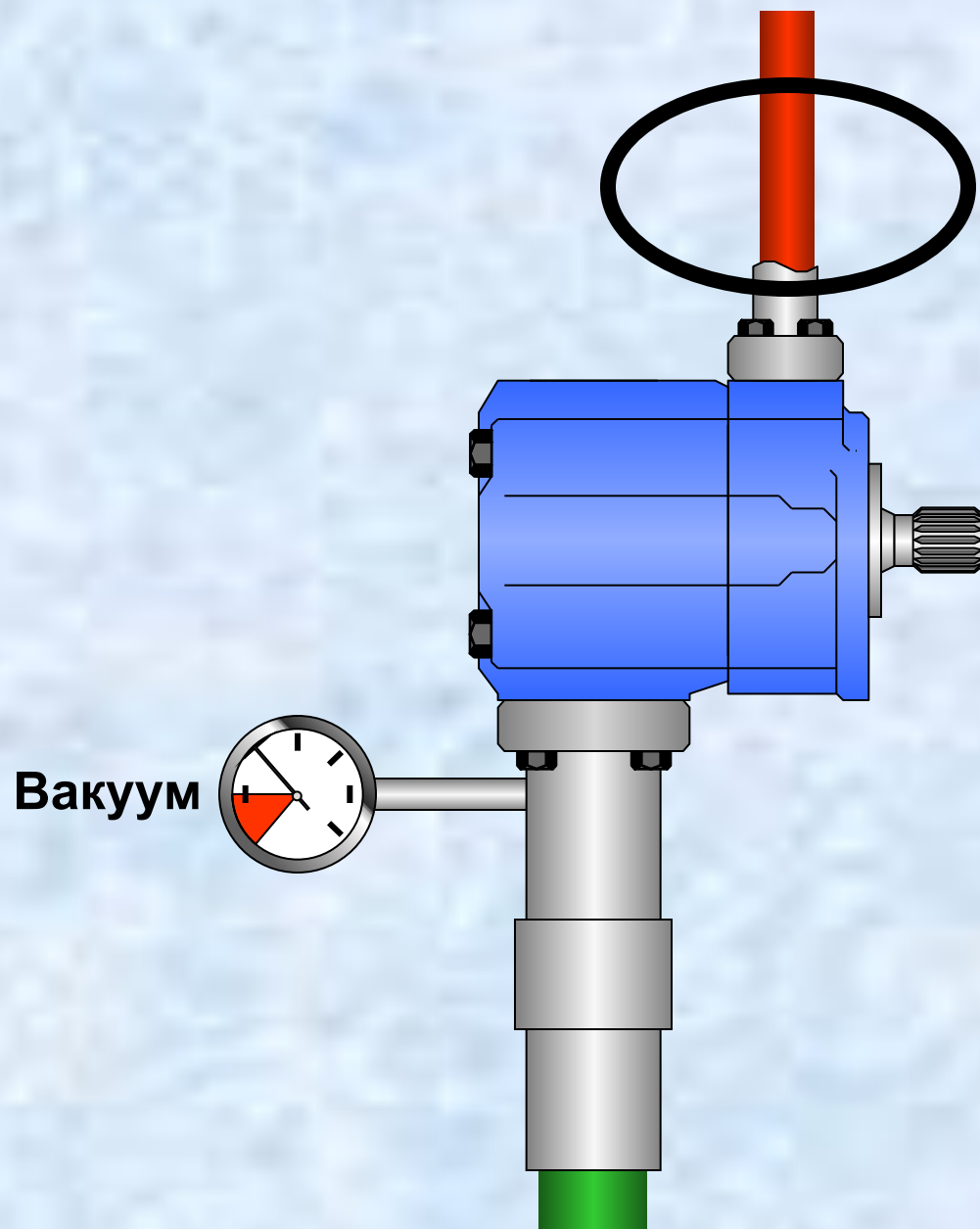
Нерастворенный воздух

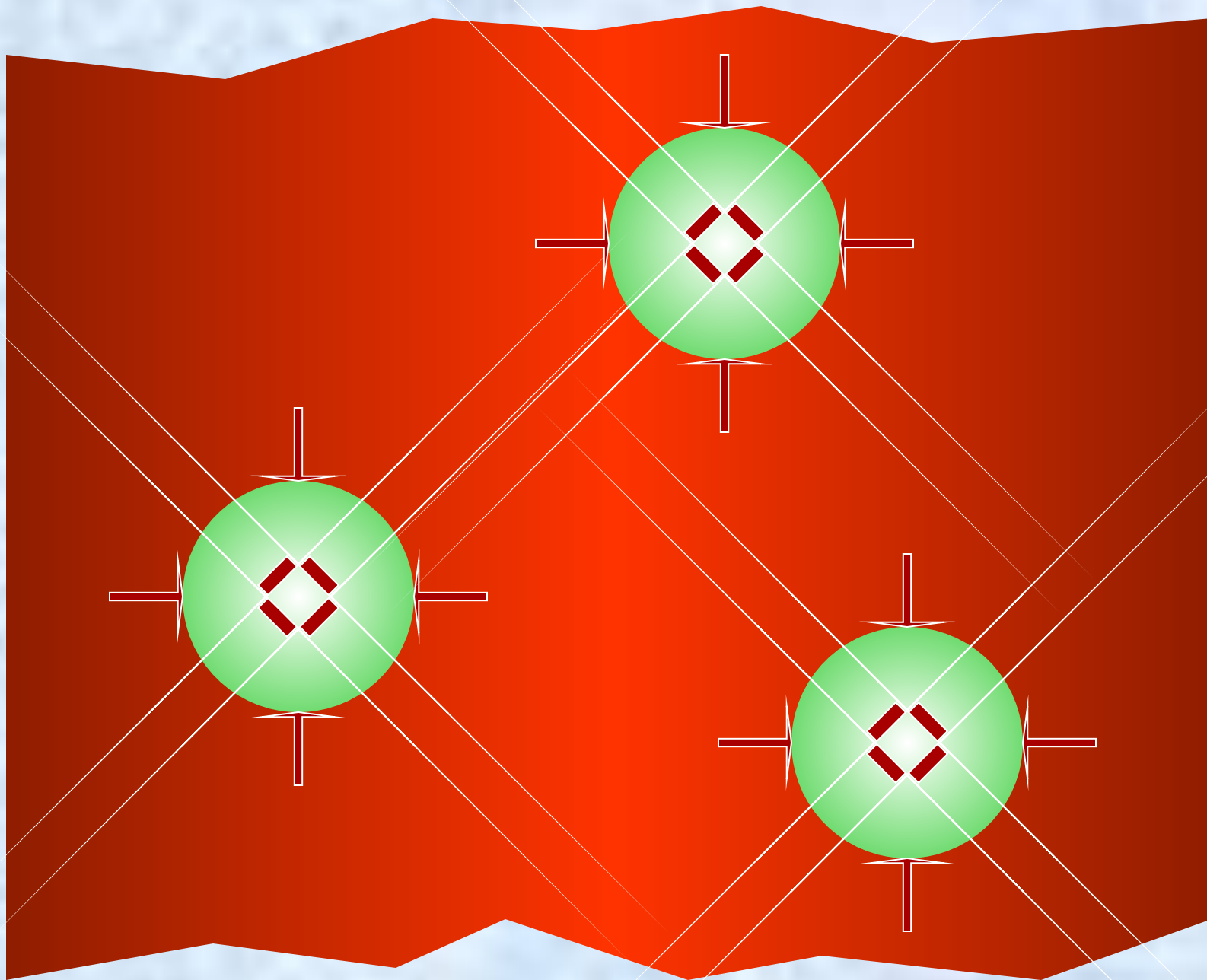


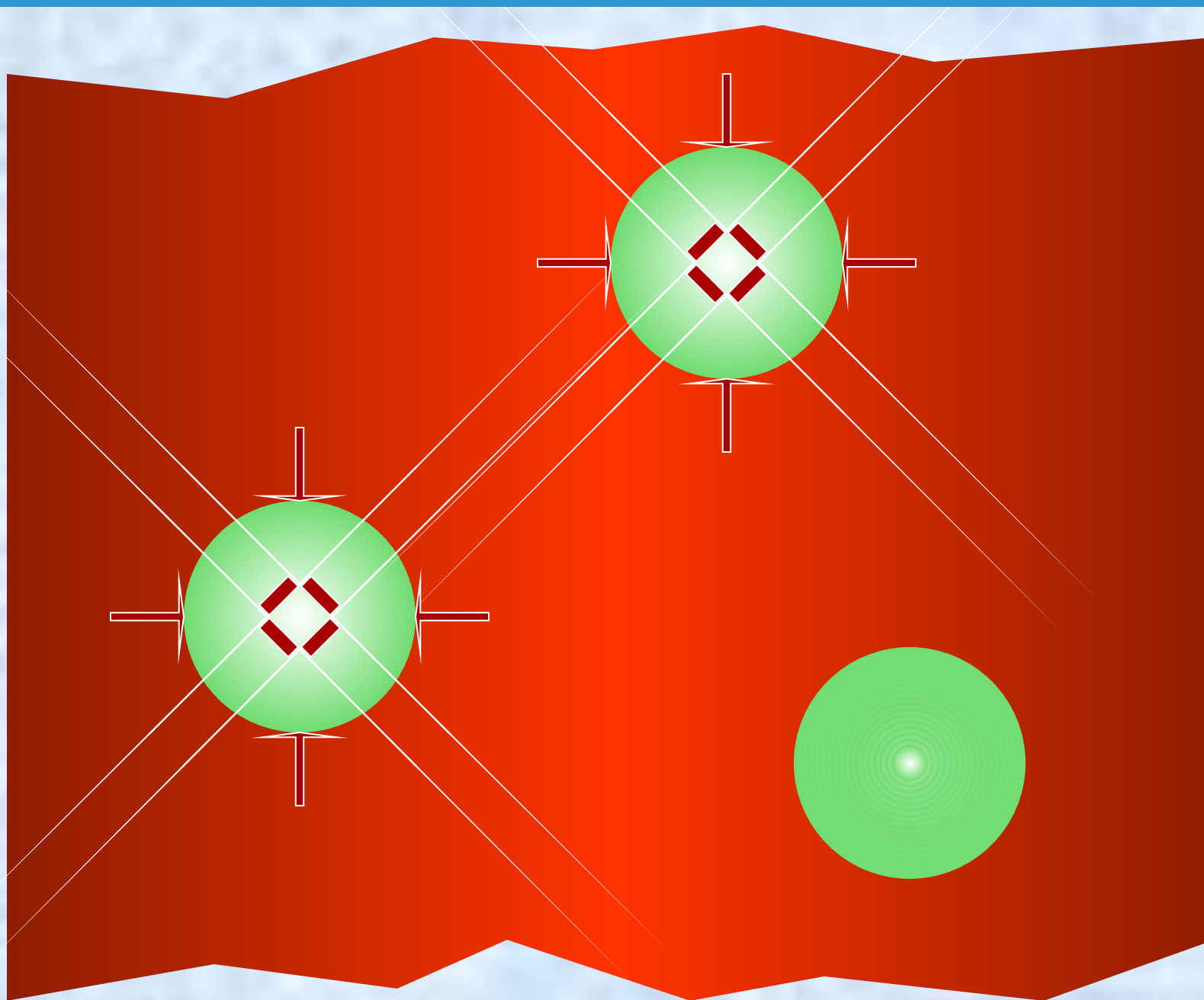


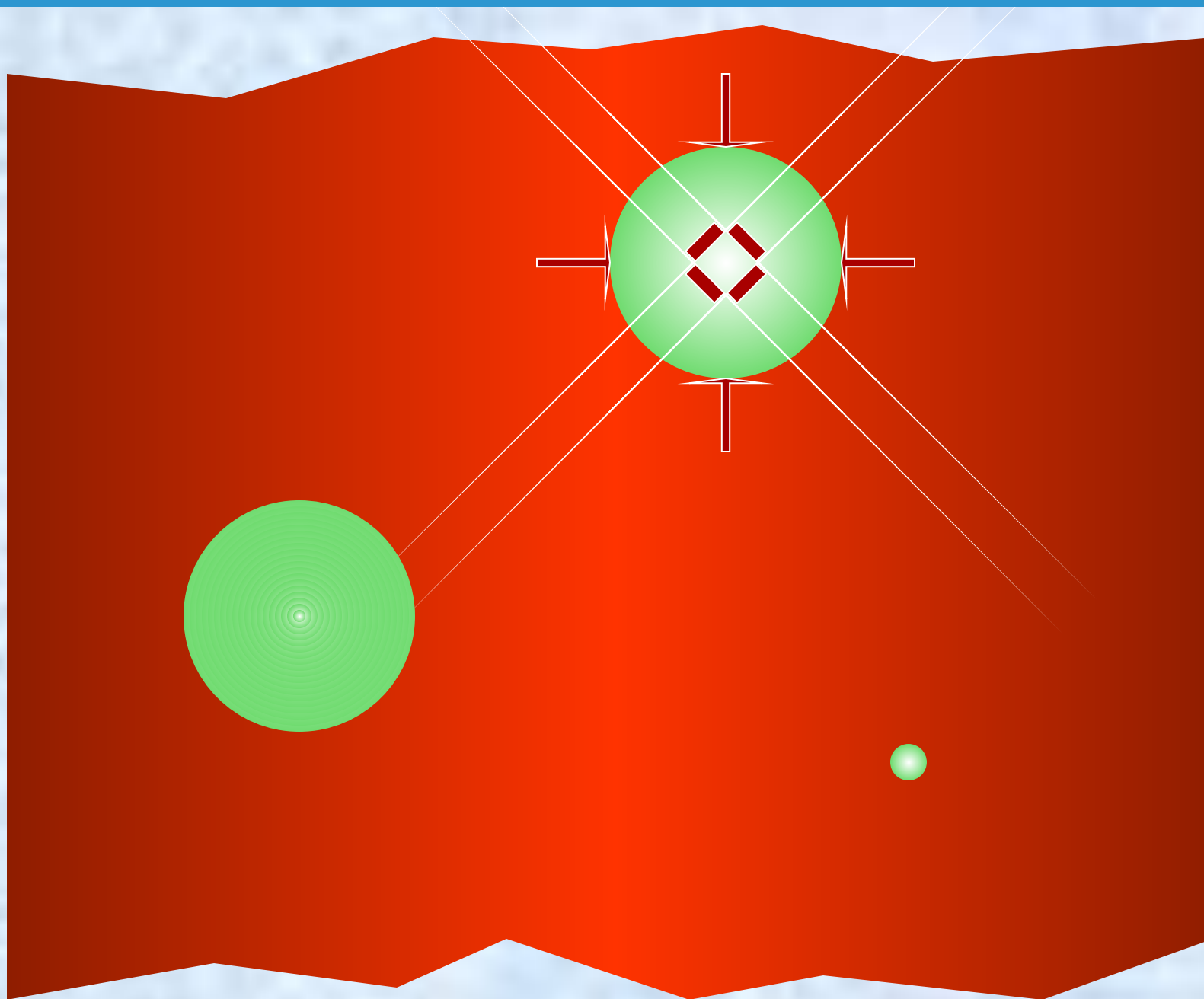


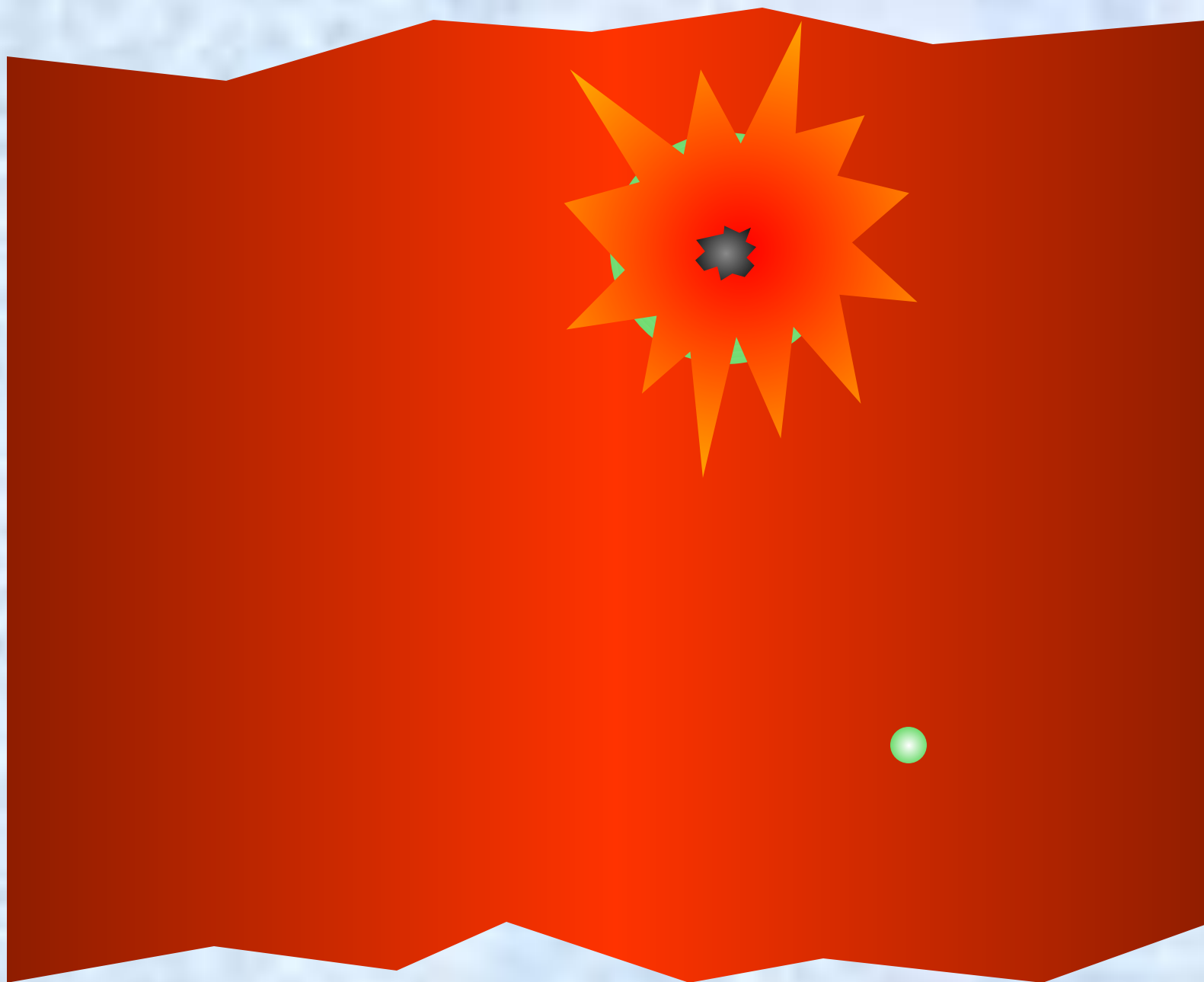




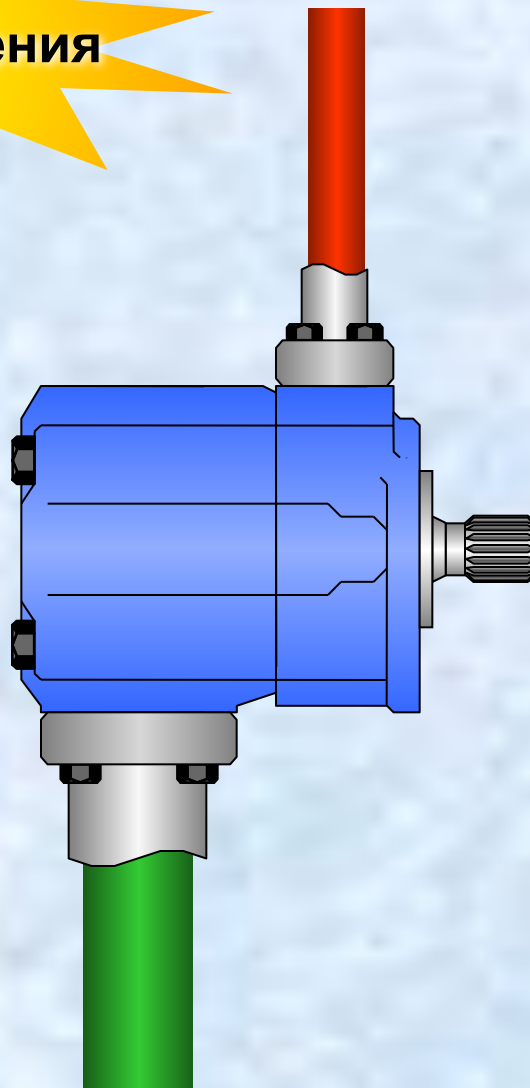


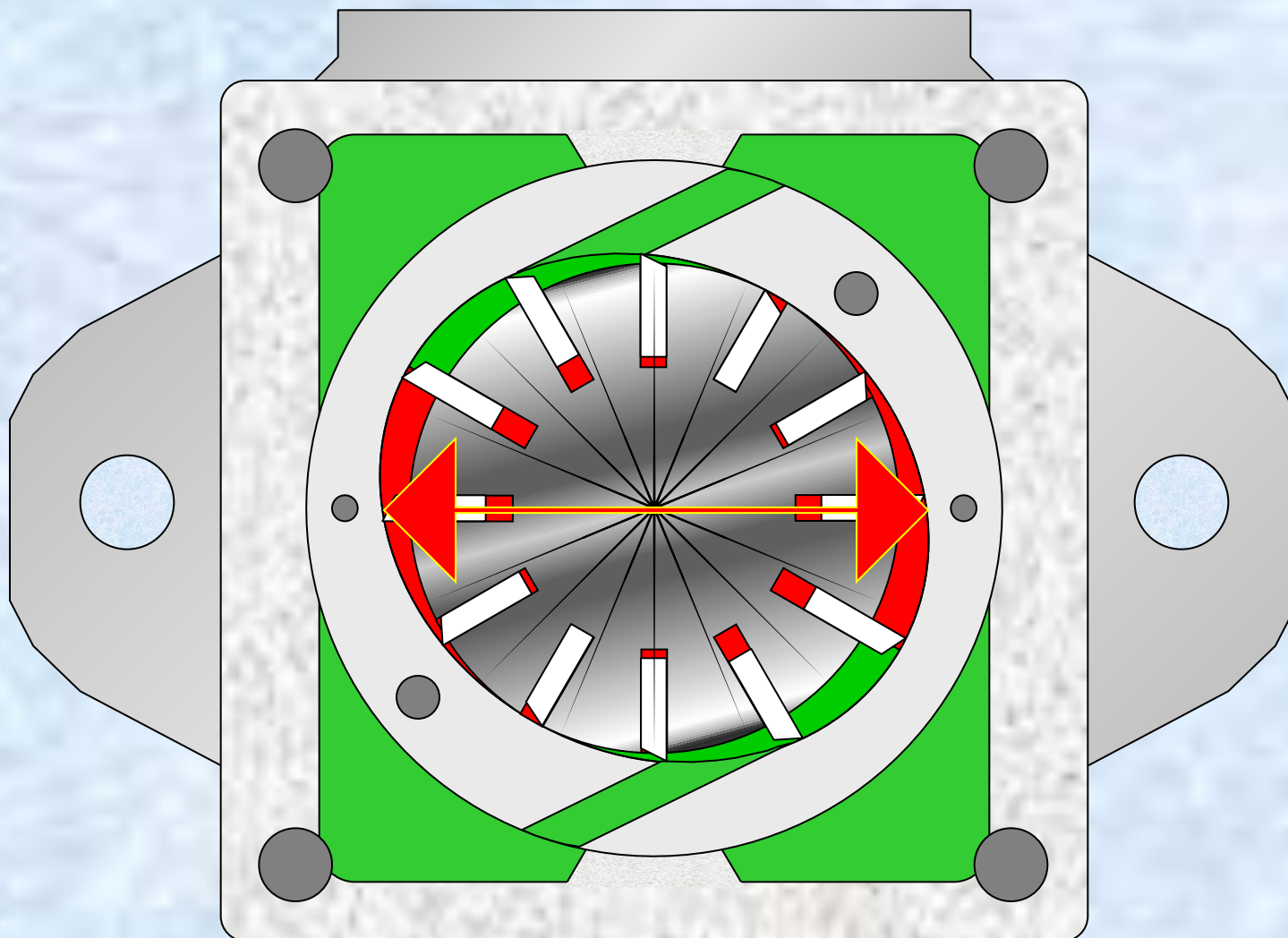


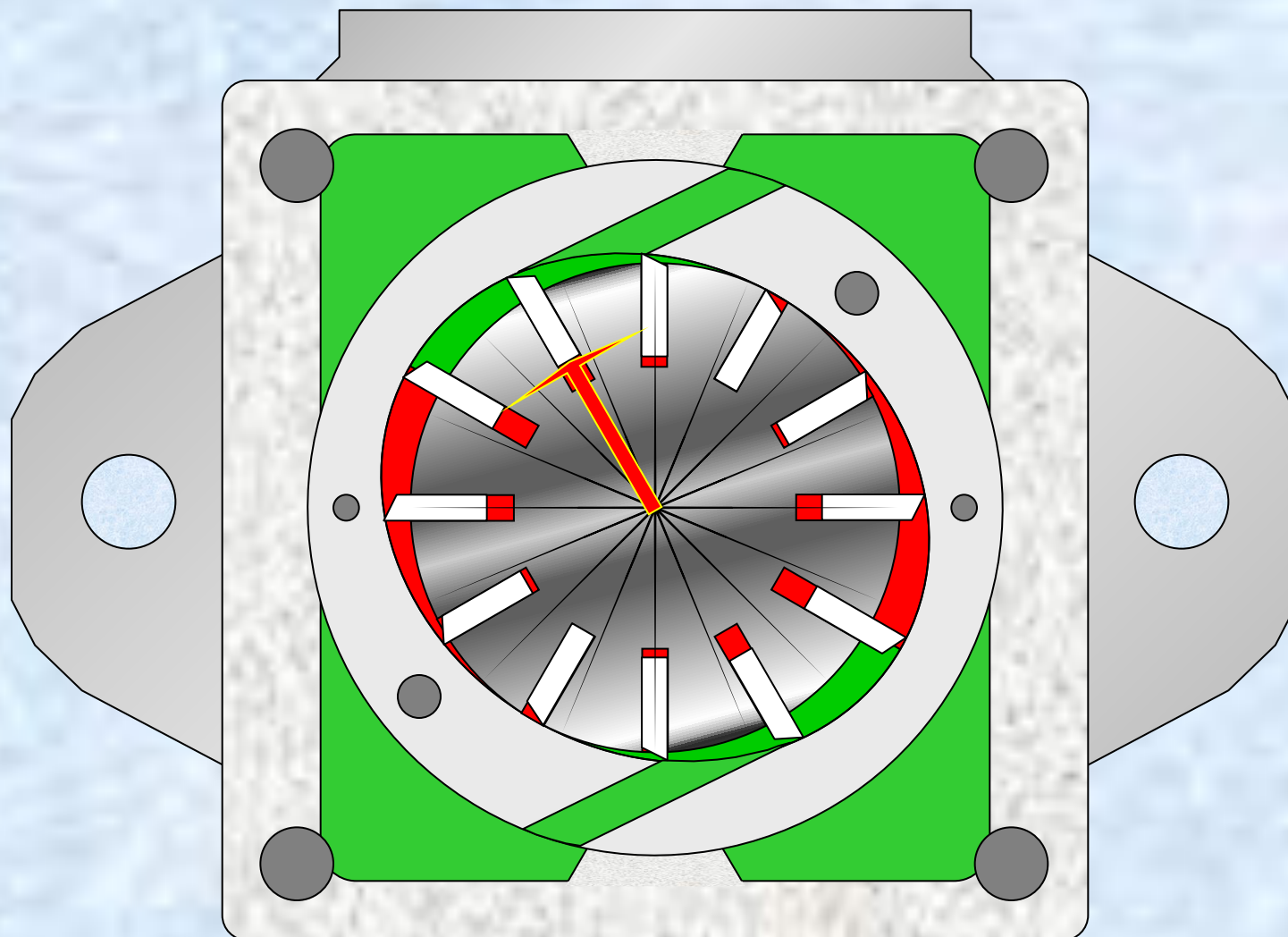


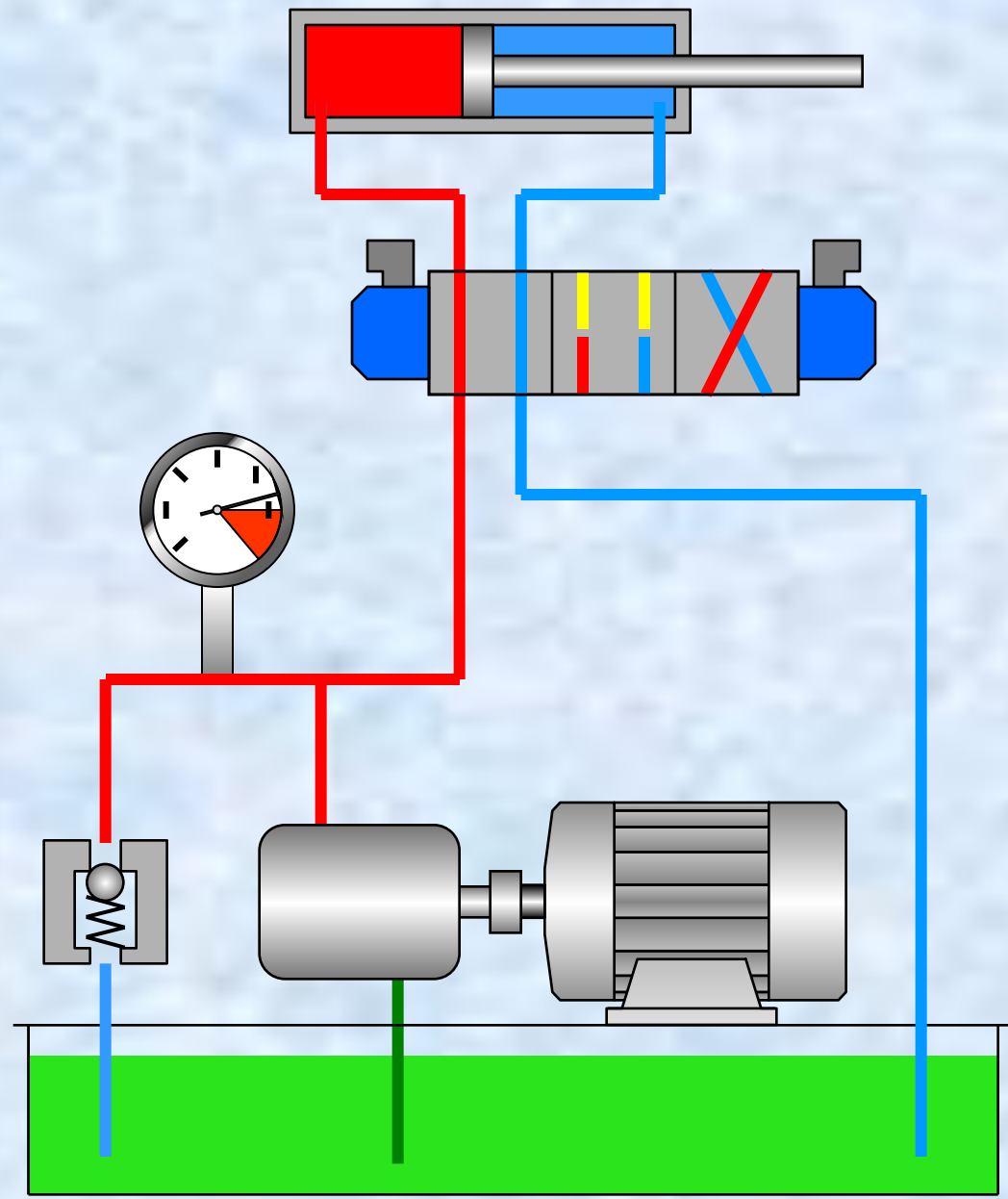


Пульсации давления

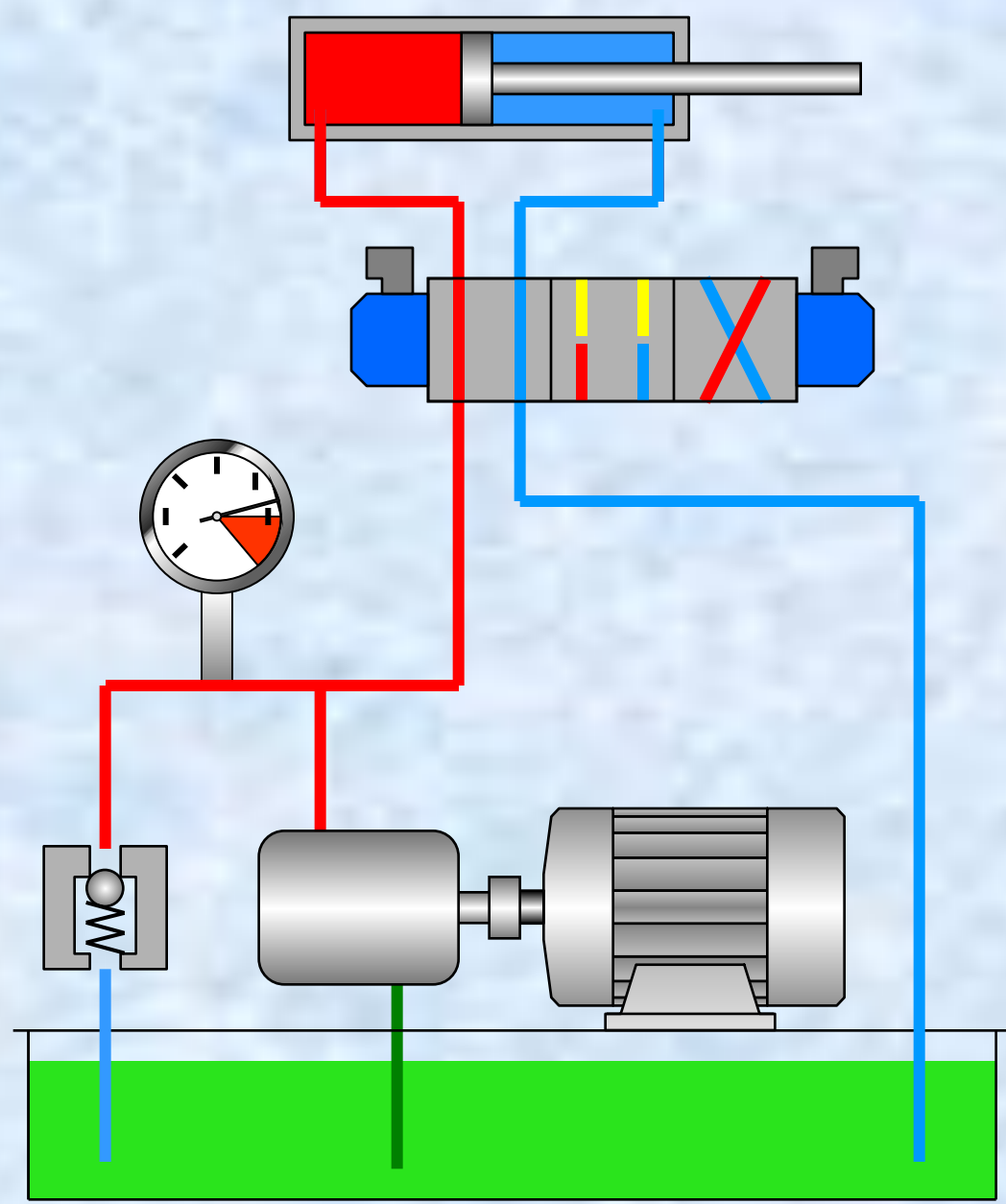




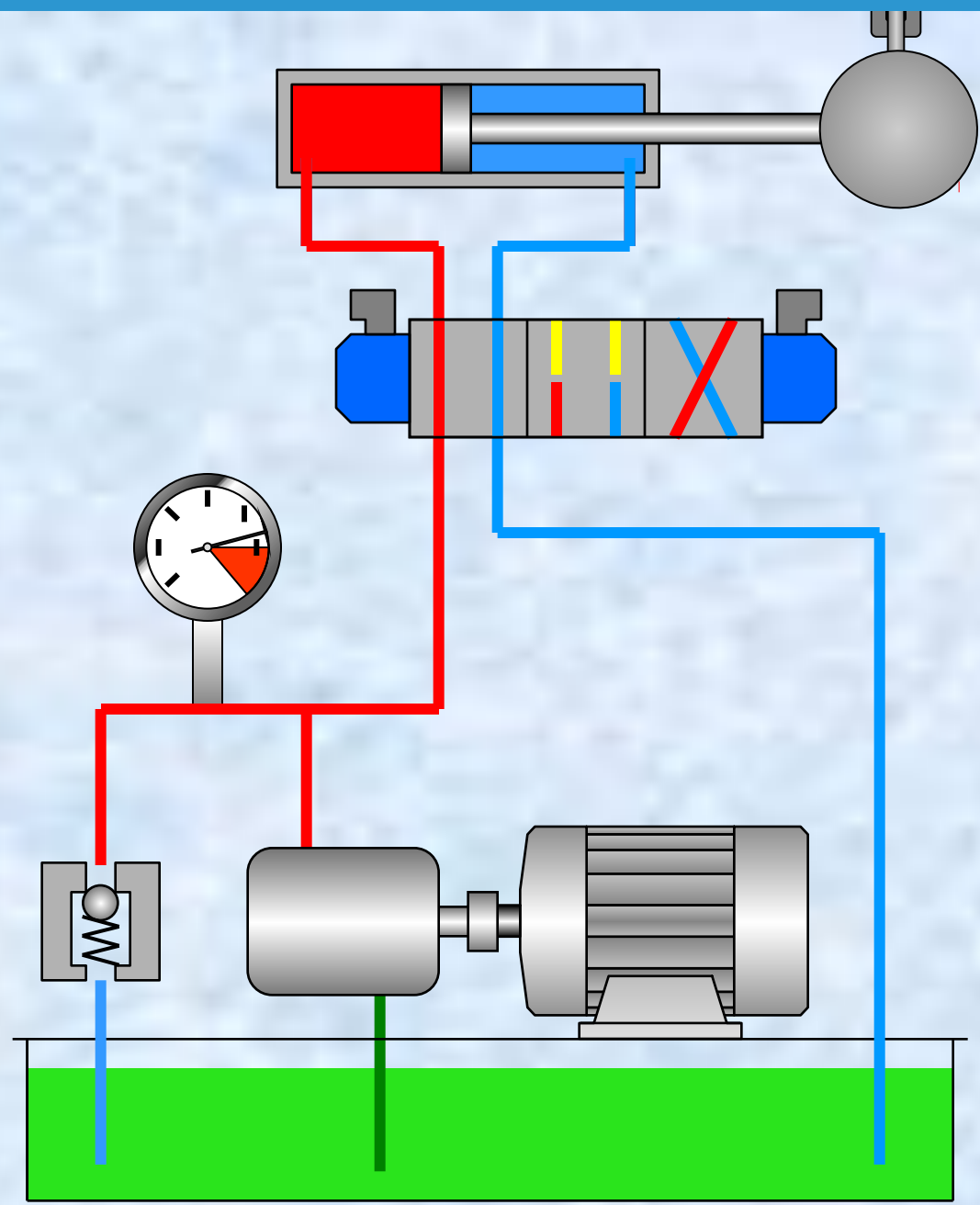




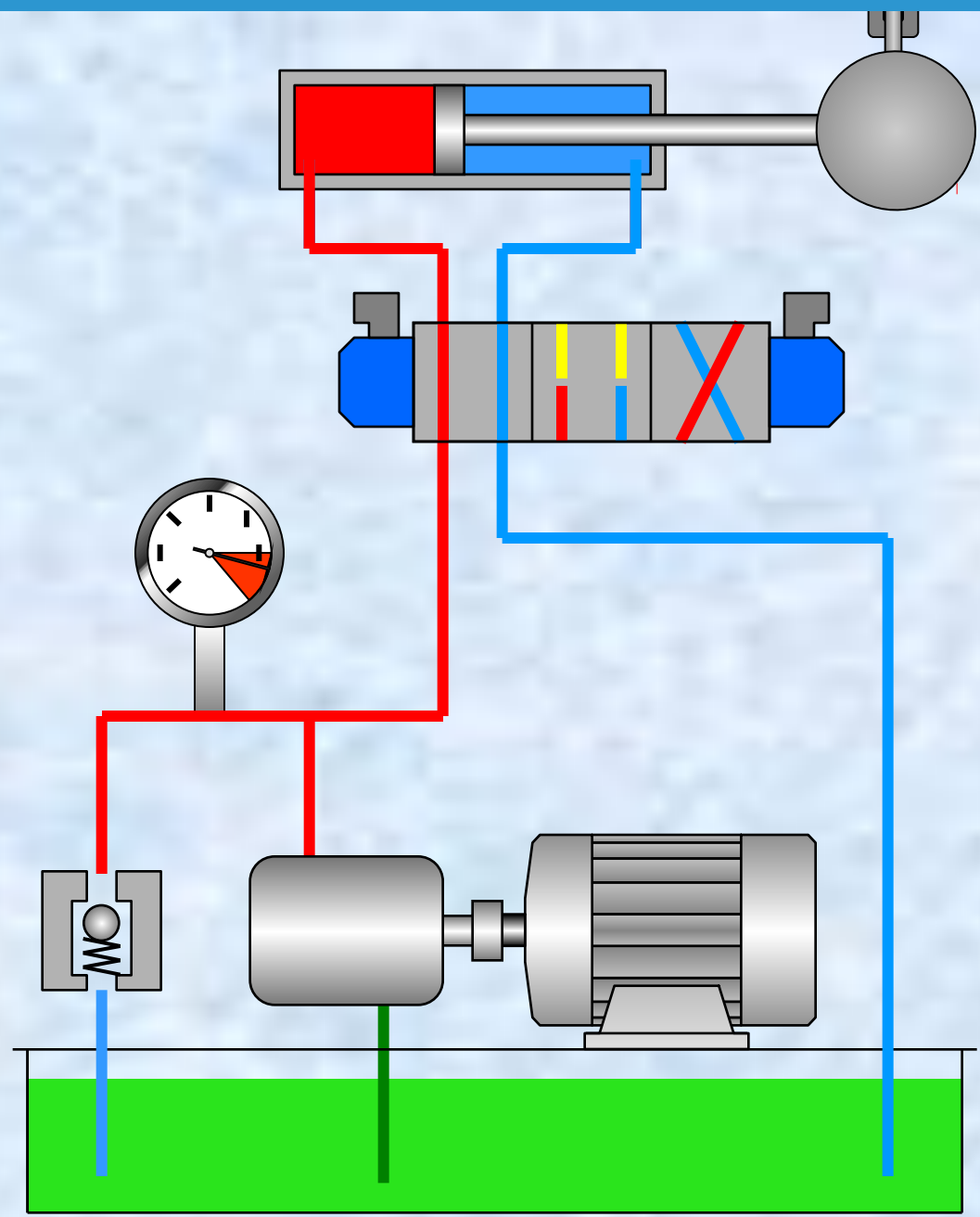
Возникновение перепадов давления от ударных нагрузок

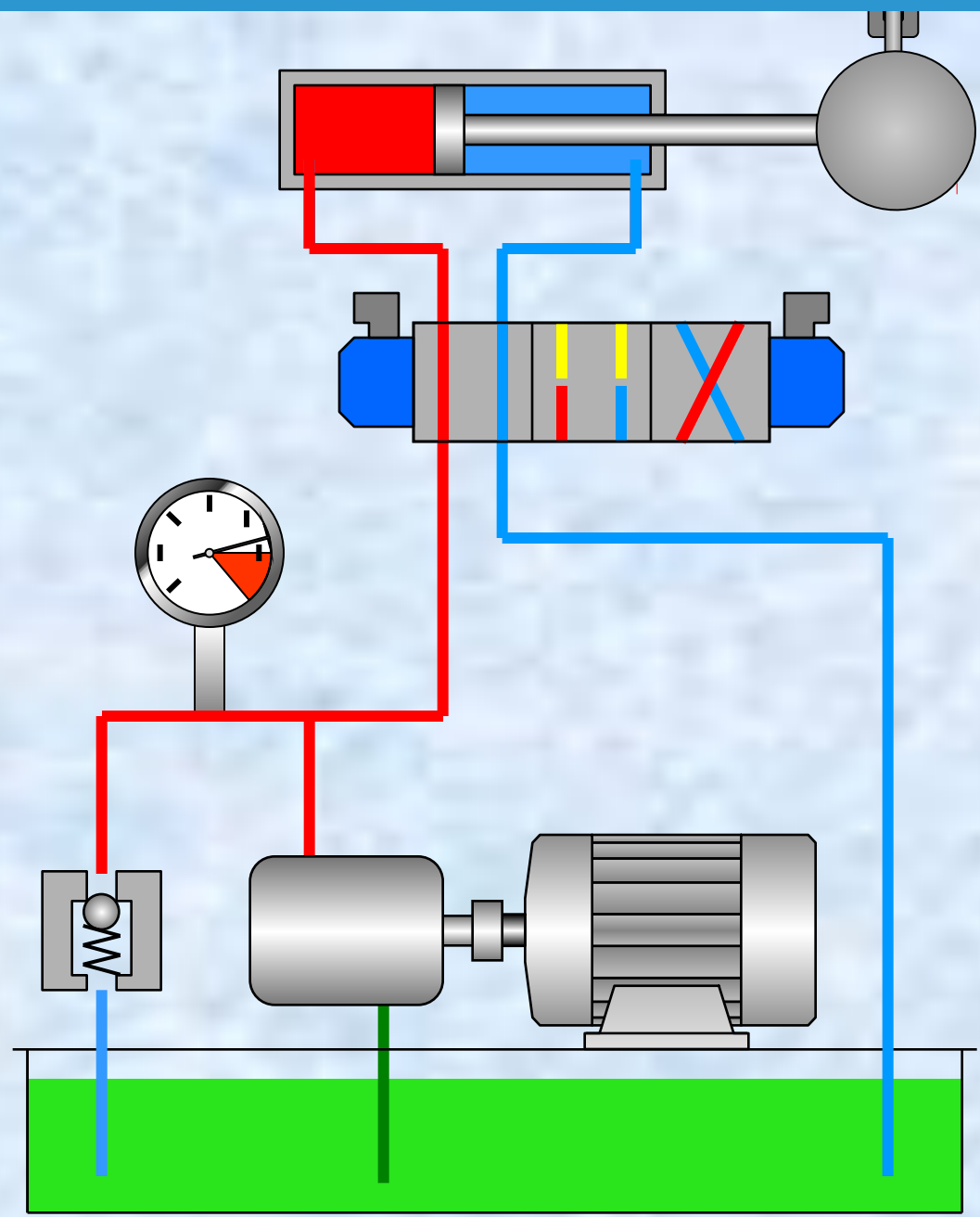


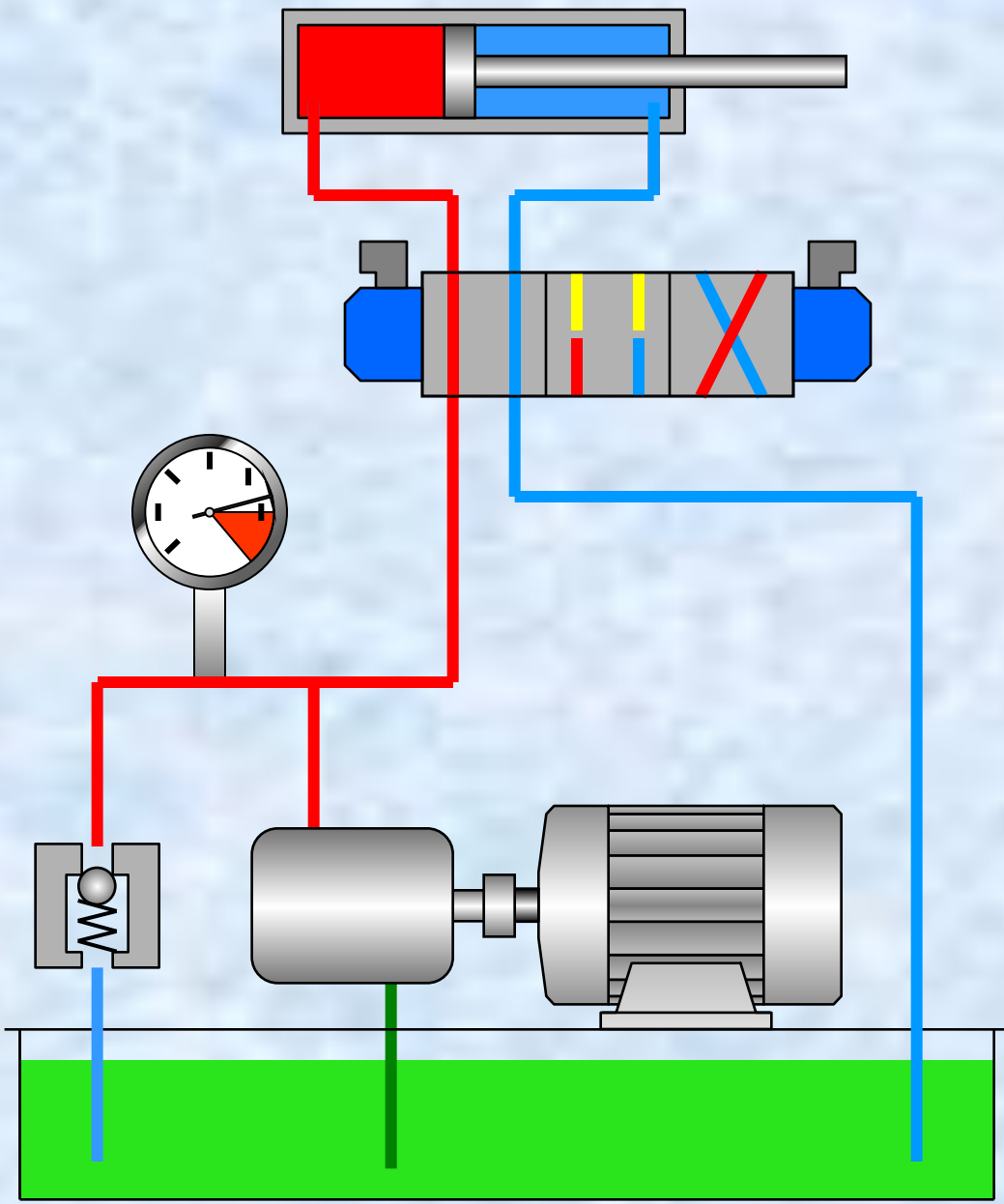
Возникновение перепадов давления от ударных нагрузок



Возникновение перепадов давления от ударных нагрузок

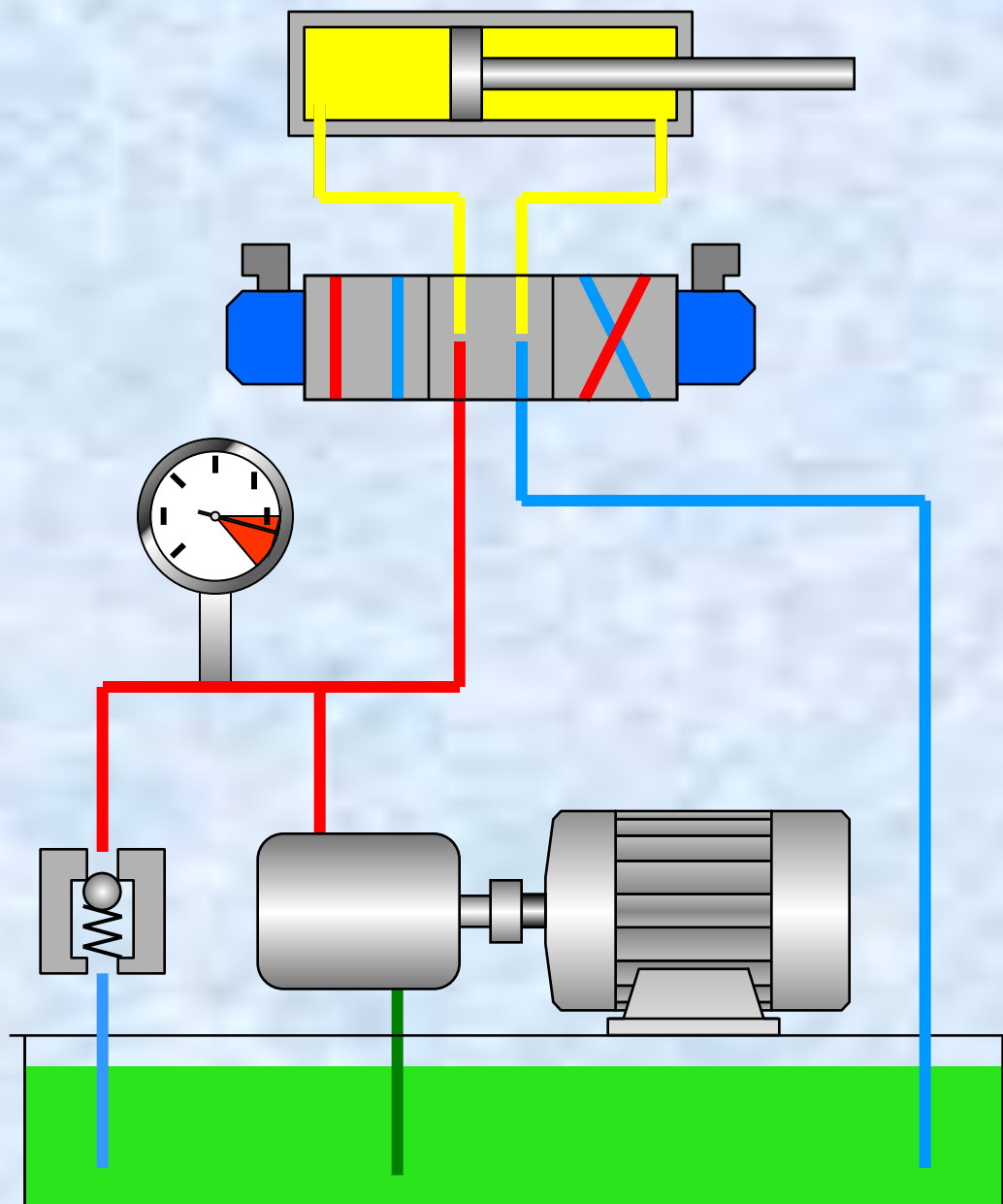






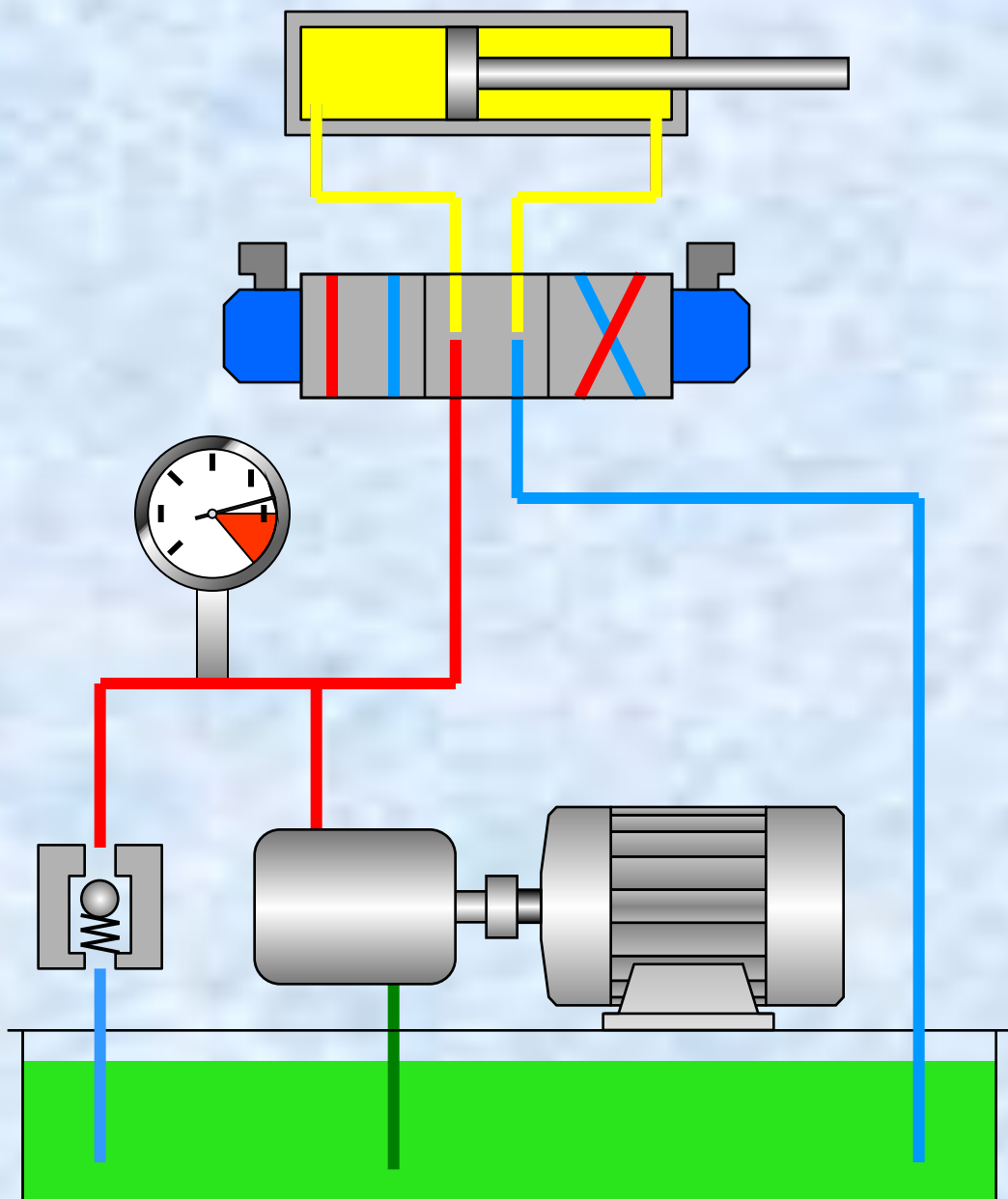
Возникновение перепадов давления – работа клапана

Ventilansprechzeiten



Возникновение перепадов давления – работа клапана

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