

Grade WS - Water Separators

The domnick hunter Water Separator is to a patented design which has a very high efficiency across its flow range (UK patent 2 169 526, US patent 4.668.256).



domnick hunter



Maximum Operating Pressure:

16 bar g,
(232 psi g).



Recommended Operating Temperatures:

Min 1.5°C, (35°F) to Max 66°C, (150°F)

Typical Pressure Differential at Rated Flow:
70 m bar (1.0 psi).

Flow Rates @ 7 bar g (100 psi g) ANR



	1/4"	10	21	36
WS5	1/4"	10	21	36
WS10	3/8"	20	42	72
WS15	1/2"	40	84	144
WS25	3/4"	60	127	216
WS50	1"	75	159	270
WS100	1.1/2"	150	318	540
WS250	2"	350	742	1260

NOTES:

1. Automatic drain fitted as standard.
2. Maximum working pressure of 20 bar g (290 psi g) available with manual drain.
3. Also available in 316 Stainless Steel housings.
4. Mounting bracket kits are available for most ported models.
5. Also available for pressures up to 50 bar g (740 psi g).

Line Pressure	bar g	1	3	5	7	9	11	13	15	17	20
	psi g	15	44	73	100	131	160	189	218	247	290
Correction Factor		0.5	0.71	0.87	1.0	1.12	1.22	1.32	1.41	1.50	1.62

Example:

Rated Flow at New Line Pressure = Correction Factor x
Rated Flow at 7 bar g (100 psi g).

e.g. Flow Rate of WS250 at 3 bar g (44 psi g)
= 0.71 x 350 L/s
= 249 L/s