PROBALANCE



APPLICATION

The ProBalance Smart 4-in-1 combined hydraulic separator incorporates four main functions for hydronic systems: hydraulic separation, air separation, sludge separation and capture of ferrous particles.
The unique geometry and design of the separator makes it possible to make the primary and secondary circuits independent without interfering with the regulation systems.
A special stainless steel mesh allows the capture of micro-bubbles through the physical phenomenon of coalescence on the primary, while on the secondary the special mesh allows the capture of non-ferrous debris particles up to 5 microns. A powerful magnetic field induced by neodymium magnets facilitates the capture of ferrous impurities such as iron oxide up to microscopic dimensions.

4 in 1 connections: grooved directly with the use of 2 grooved joints, to be welded by welding the connections directly (after having brushed the heads of the connections) or by inserting an iron socket by means of a grooved joint, flanged with the use of a flange adapter according to EN-1092-1, threaded with the use of an iron socket by means of a grooved joint

Red epoxy paint.

Technical data	ProBalance Smart
Body:	carbon steel
mesh interior elements:	stainless steel
Magnet:	Neodymium
Fluid:	water, glycol
Max. Percentage of glycol:	50%
Max. Operating temperature:	110 ° C
Min. Operating pressure:	16 bar
Particle separation capacity	Up to 5 µm

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DN	OD (mm)	L (mm)	H (mm)	He (mm)	h (mm)	e (Inch)	Capacity [kW]	Flow [m3/h]
50	60,3	330	821	240	248	3/4"	218	12,5
65	76,1	330	936	305	273	3/4"	349	20
80	88,9	450	991	360	273	3/4"	471	27
100	114,3	455	1241	462	348	3/4"	820	47
125	139,7	615	1541	560	448	3/4"	1256	72
150	168,3	615	1841	670	543	3/4"	1884	108
200	219,1	745	2345	870	695	3/4"	3143	180
250	273,0	860	2895	1100	860	2”	5023	288
300	323,9	975	3411	1295	1020	2”	7064	405

Codice	Nome	Peso	Numero di pezzi
35500	DN 50	31	1
35501	DN 65	34.5	1
35502	DN 80	48	1
35503	DN 100	53	1
35504	DN 125	93	1
35505	DN 150	99	1
35506	DN 200	142	1
35507	DN 250	280	1
35508	DN 300	424	1