



centrifugal water separators

F1

25 to 3000 scfm

The nano F1 centrifugal water separators are designed to remove 99% of bulk liquid water from your compressed air or gas stream. This simple yet highly efficient design eliminates liquid contaminants enhancing the reliability of your compressed air or gas system and eliminating costly downtime.

separator model ⁽⁴⁾	inlet & outlet		rated flow ⁽¹⁾		dimensions (inches)				approx. weight
	NPT/Flg	scfm	Nm ³ /h	A	B	C	D	E	lbs
NF 0025 WS	¼"	25	42	2.76	0.98	7.64	3.00	-	1.3
NF 0035 WS	⅜"	35	59	2.76	0.98	7.64	3.00	-	1.3
NF 0050 WS	½"	50	85	2.76	0.98	7.64	3.00	-	1.3
NF 0070 SWS ⁽²⁾	½"	70	119	3.94	1.34	8.27	3.00	-	3.1
NF 0070 WS	½"	70	119	3.94	1.34	11.02	3.00	-	3.3
NF 0125 WS	¾"	125	212	3.94	1.34	11.02	3.00	-	3.3
NF 0175 WS	1"	175	297	3.94	1.34	11.02	3.00	-	3.3
NF 0280 SWS ⁽²⁾	1 ¼"	280	476	4.80	1.65	14.96	3.00	-	5.1
NF 0280 WS	1 ¼"	280	476	4.80	1.65	18.15	3.00	-	5.5
NF 0325 SWS ⁽²⁾	1 ½"	325	553	4.80	1.65	14.96	3.00	-	5.1
NF 0325 WS	1 ½"	325	553	4.80	1.65	18.15	3.00	-	5.5
NF 0400 WS	1 ½"	400	680	5.75	2.05	19.06	3.00	-	8.8
NF 0700 WS	2"	700	1189	5.75	2.05	19.06	3.00	-	8.8
NF 1250 WS	2 ½"	1250	2124	8.27	2.64	23.54	3.00	-	18.7
NF 1500 WS	3"	1500	2549	8.27	2.64	23.54	3.00	-	18.7
NFE 3000 WS-ND	4" Flg	3000	5097	18.00	4.57	25.59	11.81	13.50	64.6

specifications	NF 0025 WS to NF 0050 WS	NF 0070 WS to NF 1500 WS	NFE 3000 WS-ND
recommended operating temperature range	35 to 176°F	35 to 176°F	35 to 176°F
design operating temperature range	35 to 176°F	35 to 176°F	35 to 176°F
design operating pressure range	0 to 232 psig	22 to 232 psig ⁽³⁾	22 to 232 psig
condensate drain (included)	NDK 0050	NDK 1500	-

pressure correction factors	58	72	87	100	115	145	174	203	232
operating pressure (psig)	0.76	0.84	0.92	1.00	1.07	1.19	1.31	1.41	1.51
correction factor									

separator configurations	part number
internal float drain	per the above
no drain ⁽⁴⁾	NF xxxx WS-ND

external drain options (ordered separately)	part number	price
heavy duty automatic float drain	NED 12	\$141
½" magnetic no air loss drain	NMD 12	\$245
½" timed solenoid drain with integrated strainer	NETD 12 115	\$170



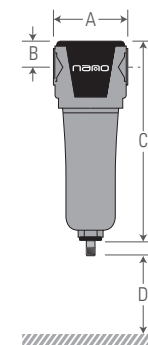
NED 12



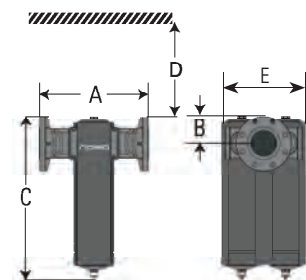
NMD 12



NETD 12 115



NF 0025 WS to NF 1500 WS



NFE 3000 WS

- (1) at 100 psig. For all other pressures, refer to the pressure correction factor table above
- (2) a shorter version of the standard separator for compact installations and/or low liquid loads
- (3) for pressures below 22 psig order with an NDK 0050 condensate drain
- (4) for separators without drain, use -ND suffix. when supplied with no drain option, NF 0025 WS to NF 0050 WS supplied with ¼" NPT drain connection; NF 0070 WS to NF 1500 WS supplied with ½" NPT drain connection
- (5) refer to F1 spares & accessories & ND condensate drain section for a complete list of accessories & drains