






Standard Combinations

Modular Air Combination Units

Standard combinations only — other combinations of Modular units are possible.

Model/Series	Port size	Filter NAF	Regulator NAR	Lubricator NAL	Filter Regulator	Mist Separator
	NAC1000	10-32 Nom. (M5)	NAF1000	NAR1000	NAL1000	
	NAC2000	1/8 • 1/4	NAF2000	NAR2000	NAL2000	
	NAC2500	1/4 • 3/8	NAF3000	NAR2500	NAL3000	
	NAC3000	1/4 • 3/8	NAF3000	NAR3000	NAL3000	
	NAC4000	1/4 • 3/8 • 1/2	NAF4000	NAR4000	NAL4000	
	NAC4000-N06	3/4	NAF4000-N06	NAR4000-N06	NAL4000-N06	
	NAC5000	3/4 • 1	NAF5000	NAR5000	NAL5000	
	NAC5500	1	NAF6000	NAR5000	NAL6000	
	NAC6000	1	NAF6000	NAR6000	NAL6000	
	NAC1010	10-32 Nom. (M5)			NAL1000	NAW1000
	NAC2010	1/8 • 1/4			NAL2000	NAW2000
	NAC3010	1/4 • 3/8			NAL3000	NAW3000
	NAC4010	1/4 • 3/8 • 1/2			NAL4000	NAW4000
	NAC4000-N06	3/4			NAL4000-N06	NAW4000-N06
	NAC1020	10-32 Nom. (M5)	NAF1000	NAR1000		
	NAC2020	1/8 • 1/4	NAF2000	NAR2000		
	NAC2520	1/4 • 3/8	NAF3000	NAR2500		
	NAC3020	1/4 • 3/8	NAF3000	NAR3000		
	NAC4020	1/4 • 3/8 • 1/2	NAF4000	NAR4000		
	NAC4020-N06	3/4	NAF4000-N06	NAR4000-N06		
	NAC5020	3/4 • 1	NAF5000	NAR5000		
	NAC5520	1	NAF6000	NAR5000		
	NAC6020	1	NAF6000	NAR6000		
	NAC2030	10-32 Nom. (M5)	NAF2000	NAR2000		NAFM2000
	NAC2530	1/8 • 1/4	NAF3000	NAR2500		NAFM3000
	NAC3030	1/4 • 3/8	NAF3000	NAR3000		NAFM3000
	NAC4030	1/4 • 3/8 • 1/2	NAF4000	NAR4000		NAFM4000
	NAC4030-N06	3/4	NAF4000-N06	NAR4000-N06		NAFM4000-N06
	NAC2040	1/8 • 1/4			NAW2000	NAFM2000
	NAC3040	1/4 • 3/8			NAW3000	NAFM3000
	NAC4040	1/4 • 3/8 • 1/2			NAW4000	NAFM4000
	NAC4040-N06	3/4			NAW4000-N06	NAFM4000-N06



Country code

- - Asia, Australia, Japan
- N - North America
- E - Europe

Air Combination

Body size

10 — M5	30 — 3/8	55 — 1
20 — 1/8	40 — 1/2	60 — 1
25 — 1/4	50 — 3/4	

Components

Code	Air Filter (NAF)	Regulator (NAR)	Lubricator (NAL)	Filter Regulator (NAW)	Mist Separator (NAFM)
00	①	②	③	—	—
10	—	—	②	①	—
20	①	②	—	—	—
30	①	③	—	—	②
40	—	—	—	①	②

Note: Order of assembly

Example

- 00—NAF+NAR+NAL
- 10—NAW+NAL (Only NAC1000-NAC4000)
- 20—NAF+NAR
- 30—NAF+NAFM+NAR (Only NAC2000-NAC4000)
- 40—NAW+NAFM (Only NAC2000-NAC4000)

Port thread

- Nil — Rc(PT)
- F — G(PF)
- N — NPT

Port size

M5 — 10-32 Nom. (M5)	04 — 1/2
01 — 1/8	06 — 3/4
02 — 1/4	10 — 1
03 — 3/8	

Accessory

Code	Description	Applicable model
C	Auto drain	Float type(N.C.):NAC2500-NAC6000
D	Auto drain	Differential pressure:NAC1000,NAC2000 Float type: (N.O.): NAC2500-NAC6000
G	Pressure gauge	NAC1000-6000

Optional specifications

- Nil — None
- 1 — 0.02-0.2MPa (3-30 Psig)Setting (Regulator)*
- 2 — Metal bowl (Filter•Lubricator)
- 3 — Lubricator with drain cock
- 4 — 0.02-0.4MPa (3-60 Psig) Setting (Regulator)
- 6 — Nylon bowl (Filter•Lubricator)
- 8 — Metal bowl with level gauge (Filter•Lubricator) (NAC3000-NAC6000)
- C — With bowl guard (Only NAC2000)
- J — Drain guide 1/4 pipe thread (NAC2500-NAC6000)
- N — Non-relieving
- R — IN-OUT reversal (Right → Left)
- W — Drain cock w/barb fitting for nylon tube (ø6mm OD/ø4mm ID)
- X — "L" Brackets instead of "T" or "T" instead of "L"

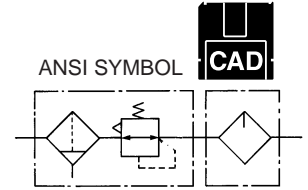
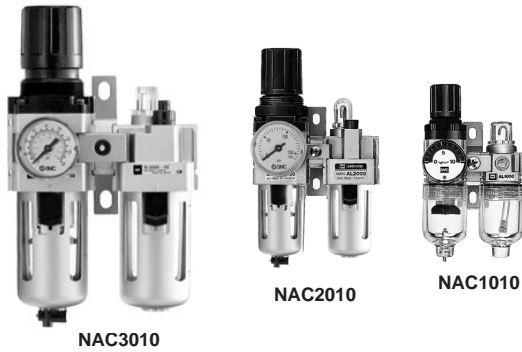
Note: When specifying more than one option, please list numerically then, alphabetically. **Example:** 2NR

*Not a maximum setting. Option 1 is more precise in the range of 3-30 psig. Option 4 is more precise in the range of 3-60 psig.

Attachment

Code	Description	Location	Applicable model	Air entry port size
Nil	—	—	—	—
K	Check valve	NAF+NAR+ (K) +NAL NAW+ (K) +NAL	NAC2000-NAC4000 NAC2010-NAC4010	NAC2000:1/8 NAC2500:1/4 NAC3000:1/4 NAC4000:3/8
S	Pressure Switch	NAF+NAR+ (S) +NAL NAF+ (S) +NAR NAF+NAFM+ (S) +NAR	NAC2000-NAC6000 NAC2020-NAC6020 NAC2030-NAC4030	—
T	T-Type Spacer	NAF+ (T) +NAR+NAL NAF+ (T) +NAR NAF+NAFM+ (T) +NAR	NAC1000-NAC6000 NAC1020-NAC6020 NAC2030-NAC4030	NAC1000:10-32 Nom NAC2000:1/8 NAC2500:1/4 NAC3000:1/4 NAC4000:3/8 NAC5000:3/8 NAC6000:1/2
V	3-Port relieving shut-off valve	NAF+NAR+NAL+ (V) NAW+NAL+ (V) NAF+NAR+ (V) NAF+NAFM+NAR+ (V) NAW+NAFM+ (V)	NAC2000-NAC4000 NAC2010-NAC4010 NAC2020-NAC4020 NAC2030-NAC4030 NAC2040-NAC4040	—
LV	Locking 3-Port relieving shut-off valve	(LV) +NAF+NAR+NAL (LV) +NAW+NAL (LV) +NAF+NAR (LV) +NAF+NAFM+NAR (LV) +NAW+NAFM	NAC2000-NAC6000 NAC2010-NAC4010 NAC2020-NAC6020 NAC2030-NAC4030 NAC2040-NAC4040	—

Note (1) Specify alphabetically when having two codes or more.



Specifications (for "How To Order" see page 13)

Model		NAC1010	NAC2010	NAC3010	NAC4010	NAC4010-N06
Combination	Filter/Regulator	NAW1000	NAW2000	NAW3000	NAW4000	NAW4000-N06
	Lubricator	NAL1000	NAL2000	NAL3000	NAL4000	NAL4000-N06
Port size NPT		10-32 Nom. (M5)	1/8 • 1/4	1/4 • 3/8	1/4 • 3/8 • 1/2	3/4
Port size for pressure gauge		1/16 Rc(PT)	1/8 NPT	1/8 NPT	1/4 NPT	1/4 NPT
Proof pressure psig (MPa)		220 (1.5)				
Max. operating pressure psig (MPa)		150 (1.0)				
Regulating range psig (MPa)		7~100 (0.05 ~ 0.7)	7~120 (0.05 ~ 0.85)			
Max. Flow Rate scfm*		3 (M5)	17.5 (1/4)	60 (3/8)	106 (1/2)	106 (3/4)
Ambient and media temperature		23° ~140° F (-5° ~ 60° C)				
Filtration		5µm				
Recommended oil		Turbine Oil #1 ISO VG32				
Bowl material		Polycarbonate				
Construction of filter/regulator		Relieving style				
Weight lbs.		0.48	1.46	2.16	4.26	4.39
Accessories (standard)	Bowl guard	—	●	●	●	●
	Bracket	B110T	B210T	B310T	B410T	B510T

* Conditions: Supply pressure - (100 psig), Setting pressure - (70 psig).

Attachments/Accessories (Optional)

Type		Part No.					
		NAC1010	NAC2010	NAC3010	NAC4010	NAC4010-N06	
Attachments	Check valve***	—	NAKM2000- □01 □02	NAKM3000- (□01) □02	NAKM4000- (□02) □03	—	
	Shut-off valve	—	NVHS2000- □01 □02	NVHS3000- □02 □03	NVHS4000- □02 □03 □04	—	
	Lock-out valve	—	NVHS2500- □01 □02	NVHS5500- □02 □03	NVHS4500- □02 □03 □04	—	
Accessories	Spacer	Y10	Y20	Y30	Y40	Y50	
	Piping adaptor**	E10-M5	E20- □01 □02 □03	E30- □02 □03 □04	E40- □03 □04 □06	E50-N06	
	Pressure gauge	G27-P10-R1	K40A-MP1.0-N01M	K40A-MP1.0-N01M	K50A-MP1.0-N02M	K50A-MP1.0-N02M	
	Float type	N.O.	—	—	NAD43	NAD44	NAD44
		N.C.	—	—	NAD53	NAD54	NAD54
Differential pressure auto drain*		NAD61	NAD62-C	—	—	—	

*Min. operating pressure: N.O. — (15psig), N.C. . (22psig)

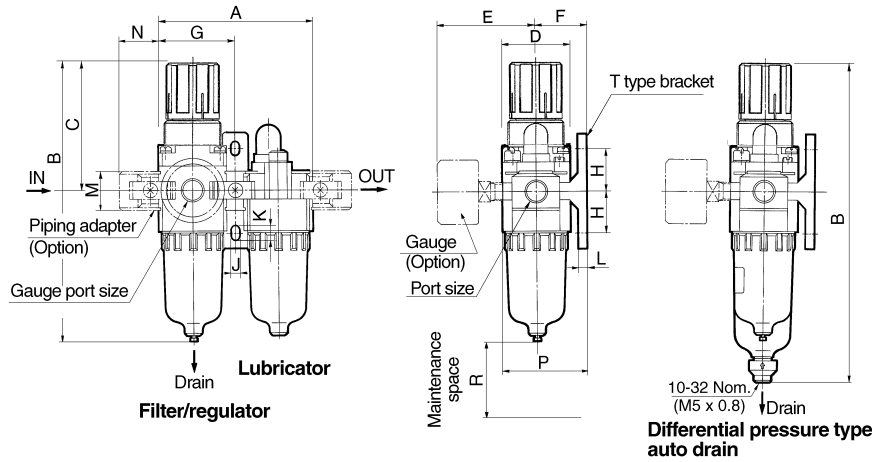
**Port size: M5 = M5 x 0.8, □01 = 1/8, □02 = 1/4, □03 = 3/8, □04 = 1/2, □06 = 3/4

***Standard port size without ()

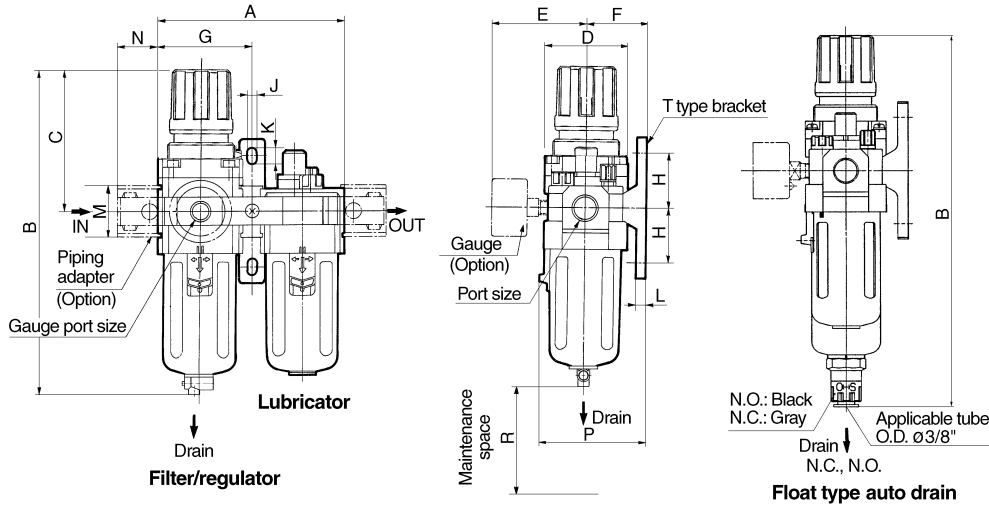
Filter+Regulator+Lubricator
 NAC1010, 2010, 3010, 4010

Dimensions (mm)

NAC1010/NAC2010



NAC3010/4010



Model	Port size	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	Float	Differential pressure
																	B	B
NAC1010	10-32 Nom(M5)	2.28 (58)	4.31 (109.5)	1.99 (50.5)	0.98 (25)	1.02 (26)	0.98 (25)	1.14 (29)	0.79 (20)	0.18 (4.5)	0.30 (7.5)	0.20 (5)	0.69 (17.5)	0.63 (16)	1.52 (38.5)	1.97 (50)	—	5.12 (130)
NAC2010	1/8•1/4	3.54 (90)	6.48 (164.5)	3.07 (78)	1.57 (40)	2.28 (58)	1.18 (30)	1.77 (45)	0.94 (24)	0.22 (5.5)	0.33 (8.5)	0.20 (5)	0.87 (22)	0.91 (23)	1.97 (50)	3.15 (80)	—	7.38 (187.5)
NAC3010	1/4•3/8	4.61 (117)	8.17 (207.5)	3.64 (92.5)	2.09 (53)	2.44 (62)	1.61 (41)	2.30 (58.5)	1.38 (35)	0.28 (7)	0.43 (11)	0.28 (7)	1.35 (34.2)	1.02 *(26)	2.78 (70.5)	3.15 (80)	9.78 (248.5)	—
NAC4010	1/4•3/8 •1/2	6.06 (154)	10.20 (259)	4.41 (112)	2.76 (70)	2.76 (70)	1.97 (50)	3.03 (77)	1.57 (40)	0.35 (9)	0.51 (13)	0.28 (7)	1.66 (42.2)	1.30 *(33)	3.46 (88)	4.13 (105)	11.8 (300)	—
NAC4010-N06	3/4	6.46 (164)	10.35 (263)	4.49 (114)	2.76 (70)	2.91 (74)	1.97 (50)	3.23 (82)	1.57 (40)	0.35 (9)	0.51 (13)	0.28 (7)	1.82 (46.2)	1.42 (36)	3.46 (88)	4.13 (105)	11.97 (304)	—

*Piping adapter with 1/2" port used on NAC3010 is 1.57 (40). Piping adapter with 3/4" port used on NAC4010 is 1.97 (50).

Semi-standard type

Model	Metal Bowl	Metal bowl with level gauge
	B	B
NAC1010	4.31 (109.5)	—
NAC2010	6.48 (164.5)	—
NAC3010	8.68 (220.5)	9.47 (240.5)
NAC4010	10.71 (272)	11.50 (292)
NAC4010-N06	10.89 (276.5)	11.67 (296.5)