Air Combination AC20-D to AC60-D Series

Pressure Characteristics (Representative values)

Conditions: Inlet pressure of 0.7 MPa, Outlet pressure of 0.2 MPa, Flow rate 20 l/min (ANR)





















AC20-D to AC60-D Series

Dimensions



AC40-D to AC40-06-D





AC50-D to AC60-D







Air Combination AC20-D to AC60-D Series



							Star	idard s	specific	ations									
Model														Bra	acket r	nount			
	P 1	P 2	Α	В	С	E	F	G	J	K	Μ	Ν	Q 1	Q2	R	S	U	V 1	V2
AC20-D	1/8, 1/4	1/8	126.4	87.6	35.9		41.6	60	21	2	30	43.2	24	33	5.5	11.5	3.5	29	38
AC30-D	1/4, 3/8	1/8	167.4	115.4	38.1	30	55.1	80	26.5	3.5	41	57.2	35	—	7	14	6	42.5	42.5
AC40-D	1/4, 3/8, 1/2	1/8	220.4	147.1	44	38.4	72.6	110	35.5	—	50	75.2	40	55	9	18	7	50	65
AC40-06-D	3/4	1/8	235.4	149.1	44	38.4	77.6	110	35.5	—	50	80.2	40	55	9	18	7	50	65
AC50-D	3/4, 1	1/8	282.4	220.1	48		93.1	110	45	—	70	96.2	50	70	11	20	8	60	80
AC60-D	1	1/8	297.4	234.1	48	—	98.1	110	45	—	70	101.2	50	70	11	20	8	60	80

					Optiona	al speci	fications						Semi	standard	l specific	ations	
Model	Squ embe		Digital pr	essure	Round		Round press		Round press		With auto	PC/PA	A bowl	Meta	bowl		owl with gauge
Woder	type pr gau		swite	ch	press gau		gauge (standa		gauge colour	•	drain	With barb fitting	With drain guide	With drain cock	With drain guide	With drain cock	With drain guide
	Н	J	Н	J	Н	J	Н	J	н	J	В	В	В	В	В	В	В
AC20-D	□28	27	□27.8	37.5	Ø 37.5	57.5	Ø 37.5	58.5	Ø 37.5	58.5	104.9	—	91.4	87.4	93.9	_	—
AC30-D	□28	32.5	□27.8	43	Ø 37.5	63	Ø 37.5	64	Ø 37.5	64	157.1	123.9	122.2	117.8	122.3	137.8	142.3
AC40-D	□28	41.5	□27.8	52	Ø 42.5	73	Ø 42.5	73	Ø 42.5	73	186.9	155.6	153.9	149.5	154	169.5	174
AC40-06-D	□28	41.5	□27.8	52	Ø 42.5	73	Ø 42.5	73	Ø 42.5	73	188.9	157.6	155.9	151.5	156	171.5	176
AC50-D	□28	51	□27.8	61.5	Ø 42.5	82.5	Ø 42.5	82.5	Ø 42.5	82.5	259.9	228.6	226.9	222.5	227	242.5	247
AC60-D	□28	51	□27.8	61.5	Ø 42.5	82.5	Ø 42.5	82.5	Ø 42.5	82.5	273.9	242.6	240.9	236.5	241	256.5	261

AC20-D to AC60-D Series

AC₂2,0-₁V-D AC30-V-D 2 x **P**1 (Port size) (Port size) F Ν F Ν Ν JM Ν J Μ S s ≌ ≃⊥ C C g ž Ś OUT ð IN IN OUT õ ô ő ŝ 22 וחחחחו m EXH ш U U EXH 跹 P2 P3 Clearance for maintenance (Pressure gauge port size) (Port size) Drain Clearance for maintenance E P2 P3 Ċ ţ (Pressure gauge port size) (Port size) Drain G

Dimensions: With Pressure Relief 3-Port Valve (V)







AC50-V-D





Air Combination AC20-D to AC60-D Series



								Standa	ard spe	ecificati	ions									
Model															Bra	icket r	nount			
	P 1	P 2	P 3	Α	В	С	Е	F	G	J	K	Μ	Ν	Q 1	Q2	R	S	U	V 1	V2
AC20-V-D	1/8, 1/4	1/8	1/8	169.6	87.6	48.5	—	41.6	60	21	2	30	43.2	24	33	5.5	11.5	3.5	29	38
AC30-V-D	1/4, 3/8	1/8	1/4	224.6	115.4	55	30	55.1	80	26.5	3.5	41	57.2	35	—	7	14	6	42.5	42.5
AC40-V-D	1/4, 3/8, 1/2	1/8	3/8	295.6	147.1	69.7	38.4	72.6	110	35.5	—	50	75.2	40	55	9	18	7	50	65
AC40-06-V-D	3/4	1/8	1/2	315.6	149.1	71.7	38.4	77.6	110	35.5	—	50	80.2	40	55	9	18	7	50	65
AC50-V-D	3/4, 1	1/8	1/2	378.6	220.1	86.5	—	93.1	110	45	—	70	96.2	50	70	11	20	8	60	80

					Optiona	al speci	fications						Semi	standard	l specific	ations	
Model	Squ embe		Digital pr	essure	Round		Round press		Round press		With auto	PC/PA	A bowl	Meta	l bowl		owl with gauge
Model	type pr gaເ		swite	ch	press gau		gauge (standa		gauge colour :		drain	With barb fitting	With drain guide	With drain cock	With drain guide	With drain cock	With drain guide
	Н	J	Н	J	Н	J	Н	J	Н	J	В	В	В	В	В	В	В
AC20-V-D	□28	27	□27.8	37.5	Ø 37.5	57.5	Ø 37.5	58.5	Ø 37.5	58.5	104.9	_	91.4	87.4	93.9	_	_
AC30-V-D	□28	32.5	□27.8	43	Ø 37.5	63	Ø 37.5	64	Ø 37.5	64	157.1	123.9	122.2	117.8	122.3	137.8	142.3
AC40-V-D	□28	41.5	□27.8	52	Ø 42.5	73	Ø 42.5	73	Ø 42.5	73	186.9	155.6	153.9	149.5	154	169.5	174
AC40-06-V-D	□28	41.5	□27.8	52	Ø 42.5	73	Ø 42.5	73	Ø 42.5	73	188.9	157.6	155.9	151.5	156	171.5	176
AC50-V-D	□28	51	□27.8	61.5	Ø 42.5	82.5	Ø 42.5	82.5	Ø 42.5	82.5	259.9	228.6	226.9	222.5	227	242.5	247

Air Combination Filter Regulator + Lubricator Symbol AC20A-D to AC60A-D

How to Order

6

(5)

-D

AC 30 A- 03 DE

(1)

(2)

3

4



· Select one each for a to j.

· When more than one specification is required, indicate

in alphanumeric order.

Example) AC30A-F03DE1-16NR-D

	<u> </u>	<u> </u>	_					1		
				Symbol	Description			Body siz		<u> </u>
						20	30	40	50	60
					Rc			•		
2		Pi	pe thread type	N *1	NPT			•		
				F * ²	G					
				+	4/2					
				01	1/8			-		
				02	1/4		•	•		_
3			Port size	03	3/8		•	•		
				04 06	<u>1/2</u> 3/4			•	_	
				10	1			•	•	•
				+	I					
				•	Without auto drain					
		a	Float type	C *4	N.C. (Normally closed) Drain port is closed when pressure is not applied.		•			
		a	auto drain	D*5	N.O. (Normally open) Drain port is open when pressure is not applied.		•			
				+	n.o. (normany open) brain porcis open when pressure is not applied.		•		-	-
					Without pressure gauge					
	Option*3			E	Square embedded type pressure gauge (with limit indicator)		•	•	•	•
4	otio		Pressure gauge*6	G	Round type pressure gauge (with limit indicator)		•	•		
	ŏ			M	Round type pressure gauge (with colour zone)			•		
		b		E1	Output: NPN output, Electrical entry: Wiring bottom entry		•	•		•
			Digital pressure	E2	Output: NPN output, Electrical entry: Wiring top entry		•	•		•
			switch	E3	Output: PNP output, Electrical entry: Wiring top only			•		
				E4	Output: PNP output, Electrical entry: Wiring bottom entry		•	•		•
				+			•	•	•	•
	ment		Pressure relief	_	Without attachment	•	•	•	•	•
5	Attachment	С	3-port valve	V	Mounting position: AW + AL + V	•	•	•	•	_
				+						
		d	Set pressure*7	_	0.05 to 0.85 MPa setting					
		u	Set plessule	1	0.02 to 0.2 MPa setting					
				+					-	
				—	Polycarbonate bowl					
				2	Metal bowl					
		е	Bowl*8	6	Nylon bowl			•		
			Dom	8	Metal bowl with level gauge			•		
	σ			С	With bowl guard		*9	*9	*9	*9
	Semi-standard			6C	With bowl guard (Nylon bowl)		*10	*10	*10	* ¹⁰
6	stan	_		+				1		1
	ni-s				With drain cock		•	•		•
	Ser	f	Filter regulator	J * ¹²	Drain guide 1/8		-	<u> </u>		-
			drain port*11	-	Drain guide 1/4	<u> </u>	•	•	•	•
				W *13	Drain cock with barb fitting (for Ø 6 x Ø 4 nylon tube)					
				+		-	-			
		g	Lubricator lubricant		Without drain cock		•	•		•
			exhaust port	3 * ¹⁴	Lubricator with drain cock					
			Eukerset	+	Deliasing true		-		•	
		h	Exhaust		Relieving type					
			mechanism	N	Non-relieving type					
25					SMC					

Air Combination AC20A-D to AC60A-D Series



AC30A-D

/									1		
				Symbol	Description			E	Body size	е	
							20	30	40	50	60
	σ	:	Flow direction	—	Flow direction: Left to right						
	standard		Flow direction	R	Flow direction: Right to left					٠	٠
G	and			+							
(6	·			—	Unit on product label: MPa, °C, Pressure gauge in SI units: MPa					٠	
	Semi	j	Unit	Z * ¹⁵	Unit on product label: psi, °F, Pressure gauge: MPa/psi dual scale	()* ¹⁷	0*17	0*17	0*17	0*17
	0			ZA * ¹⁶	Digital pressure switch: With unit selection function	2	∆* ¹⁸	\triangle^{*18}	\triangle^{*18}	\triangle^{*18}	\triangle^{*18}

I Drain guide is NPT1/8 (applicable to the AC20A-D) and NPT1/4 (applicable to the AC30A-D to AC60A-D). The auto drain port comes with a Ø 3/8" One-touch fitting (applicable to the AC30A-D to AC60A-D).

*2 Drain guide is G1/8 (applicable to the AC20A-D) and G1/4 (applicable to the AC30A-D to AC60A-D).

*3 Options G and M are not assembled and supplied loose at the time of shipment.

*4 When pressure is not applied, condensate which does not start the auto drain mechanism will be left in the bowl. Releasing the residual condensate before ending operations for the day is recommended.

*5 If the compressor is small (0.75 kW, discharge flow is less than 100 l/min (ANR)), air leakage from the drain cock may occur during the start of operations. N.C. type is recommended. *6 When the pressure gauge is attached, a 1.0 MPa pressure gauge will be fitted for standard (0.85 MPa) type. 0.4 MPa pressure gauge for 0.2 MPa type.

- *7 Pressure can be set higher than the specification pressure in some cases, but use pressure within the specification range.
- *8 Refer to chemical data on pages 111 and 129 for chemical resistance of the bowl.
- *9 A bowl guard is provided as standard equipment
- (polycarbonate). *10 A bowl guard is provided as standard equipment (nylon).
- *11 The combination of float type auto drain C and D is not available.
- *12 Without a valve function
- *13 The combination of metal bowl 2 and 8 is not available.

4 When choosing with W: Filter regulator drain port, the drain cock of a lubricator will be with barb

- fittings. *15 For the pipe thread type: NPT
 - This product is for overseas use only according to the New Measurement Act. (The SI unit type is provided for use in Japan.) Cannot be used with M: Round type pressure gauge (with colour zone). Available by request for special. The digital pressure switch will be equipped with the
 - unit selection function, setting to psi initially. 6 For options: E1, E2, E3, E4 This product is for overseas use only according to the
 - This product is for overseas use only according to the New Measurement Act. (The SI unit is provided for use in Japan.)
- *17 O: For the pipe thread type: NPT only
- ∗18 △: Select with options: E1, E2, E3, E4.

Standard Specifications

Filter Regulator [AW] AW20-D AW30-D AW40-D AW40-06-D Lubricator [AL] AL20-D AL30-D AL40-D AL40-06-D Port size 1/8, 1/4 1/4, 3/8 1/4, 3/8, 1/2 3/4 Pressure gauge port size*1 [AW] 1/4, 3/8 1/4, 3/8, 1/2 3/4 Fluid Air Air Ambient and fluid temperatures*2 -5 to 60 °C (No freezing)	AW60-D AL50-D 3/4, 1	AW60-D AL60-D 1
Component Lubricator [AL] AL20-D AL30-D AL40-D AL40-06-D Port size 1/8, 1/4 1/4, 3/8 1/4, 3/8, 1/2 3/4 3/4 Pressure gauge port size*1 [AW] 1/4, 3/8 1/4, 3/8, 1/2 3/4 Fluid Air Air Air		AL60-D 1
Pressure gauge port size*1 [AW] 1/8 Fluid Air	3/4, 1	1
Fluid Air		
Ambient and fluid temperatures ^{*2} –5 to 60 °C (No freezing)		
Proof pressure 1.5 MPa		
Max. operating pressure 1.0 MPa		
Auto drain minimum N.C. [AW] 0.1 MPa 0.15 MPa		
operating pressure N.O. [AW] — 0.1 MPa		
Set pressure range [AW] 0.05 to 0.85 MPa		
Nominal filtration rating ^{*3} [AW] 5 μm		
Compressed air purity class*4 ISO 8573-1:2010 [6 : 4 : -]*5		
Drain capacity [AW] 8 cm ³ 25 cm ³ 45 cm ³	8	
Port size 3/8: 40 l/min (ANR) 40 l/min (ANR) Port size 1/2: 50 l/min (ANR)	0 l/min (ANR)	220 l/min (ANR)
Oil capacity [AL] 25 cm ³ 55 cm ³ 135 cm ³	3	
Recommended lubricant [AL] Class 1 turbine oil (ISO VG32)		
Bowl material [AW/AL] Polycarbonate		
Bowl guard [AW/AL] Semi-standard (Steel) Standard (Polycarbonate))	
Construction [AW] Relieving type		
Weight 0.31 kg 0.58 kg 1.12 kg 1.22 kg	2.90 kg	2.97 kg

*1 Pressure gauge connection threads are not available for F.R.L. unit with a square embedded type pressure gauge or with a digital pressure switch.

*2 -5 to 50 °C for the products with the digital pressure switch

*3 For the following conditions in accordance with [Test condition: ISO 8573-4:2001 compliant, Test method ISO 12500-3:2009 compliant]

Conditions: When a new element is used, and the flow capacity, inlet pressure, and the amount of solid bodies on the filter inlet side are stable

*4 The compressed air purity class is indicated based on ISO 8573-1:2010 Compressed air – Part 1: Contaminants and purity classes.

For details on this standard, refer to page 131.

*5 The compressed air quality class on the inlet side is [7:4:4].
*6 • The flow rate is 5 drops or greater/min under the following conditions: Inlet pressure of 0.5 MPa; Class 1 turbine oil (ISO VG32); Temperature at 20 °C; Oil adjustment valve fully open.

· For a circuit that repeatedly turns ON and OFF on the outlet side, make the adjustment so that the average air consumption per minute becomes the minimum dripping flow rate or more.



AC20A-D to AC60A-D Series

Dimensions



Air Combination AC20A-D to AC60A-D Series



							Standa	ard spec	cificatio	ns								
Model														Brack	et moui	nt		
	P 1	P 2	Α	В	С	Е	F	G	J	K	М	Q 1	Q 2	R	S	U	V 1	V2
AC20A-D	1/8, 1/4	1/8	83.2	87.6	71.8	—	41.6	60	21	5	30	24	33	5.5	11.5	3.5	29	38
AC30A-D	1/4, 3/8	1/8	110.2	115.3	86.5	30	55.1	80	26.5	3.5	41	35	—	7	14	6	42.5	42.5
AC40A-D	1/4, 3/8, 1/2	1/8	145.2	147.1	91.5	38.4	72.6	110	35.5	_	50	40	55	9	18	7	50	65
AC40A-06-D	3/4	1/8	155.2	149.1	93	38.4	77.6	110	35.5	—	50	40	55	9	18	7	50	65
AC50A-D	3/4, 1	1/8	191.2	234.1	155	—	98.1	110	45	—	70	50	70	11	20	8	60	80
AC60A-D	1	1/8	196.2	234.1	155	—	98.1	110	45	—	70	50	70	11	20	8	60	80

					Optiona	al speci	fications						Semi	-standard	l specific	ations	
Model	Squ embe		Digital pr	essure	Round		Round press		Round press		With auto	PC/PA	A bowl	Meta	l bowl	Metal b level g	owl with gauge
woder	type pr gau		swite	ch	press gau		gauge (standa		gauge colour	•	drain	With barb fitting	With drain guide	With drain cock	With drain guide	With drain cock	With drain guide
	Н	J	н	J	Н	J	Н	J	н	J	В	В	В	В	В	В	В
AC20A-D	□28	27	□27.8	37.5	Ø 37.5	57.5	Ø 37.5	58.5	Ø 37.5	58.5	104.9	—	91.4	87.4	93.9	_	
AC30A-D	□28	32.5	□27.8	43	Ø 37.5	63	Ø 37.5	64	Ø 37.5	64	157.1	123.9	122.2	117.8	122.3	137.8	142.3
AC40A-D	□28	41.5	□27.8	52	Ø 42.5	73	Ø 42.5	73	Ø 42.5	73	186.9	155.6	153.9	149.5	154	169.5	174
AC40A-06-D	□28	41.5	□27.8	52	Ø 42.5	73	Ø 42.5	73	Ø 42.5	73	188.9	157.6	155.9	151.5	156	171.5	176
AC50A-D	□28	51	□27.8	61.5	Ø 42.5	82.5	Ø 42.5	82.5	Ø 42.5	82.5	273.9	242.6	240.9	236.5	241	256.5	261
AC60A-D	□28	51	□27.8	61.5	Ø 42.5	82.5	Ø 42.5	82.5	Ø 42.5	82.5	273.9	242.6	240.9	236.5	241	256.5	261

AC20A-D to AC60A-D Series





Air Combination AC20A-D to AC60A-D Series



								Standa	rd spe	cificati	ons									
Model															Bra	icket n	nount			
	P 1	P 2	P 3	Α	В	С	Е	F	G	J	K	Μ	Ν	Q 1	Q2	R	S	U	V 1	V2
AC20A-V-D	1/8, 1/4	1/8	1/8	126.4	87.6	71.8	_	41.6	60	21	5	30	43.2	24	33	5.5	11.5	3.5	29	38
AC30A-V-D	1/4, 3/8	1/8	1/4	167.4	115.3	86.5	30	55.1	80	26.5	3.5	41	57.2	35	—	7	14	6	42.5	42.5
AC40A-V-D	1/4, 3/8, 1/2	1/8	3/8	220.4	147.1	91.5	38.4	72.6	110	35.5	—	50	75.2	40	55	9	18	7	50	65
AC40A-06-V-D	3/4	1/8	1/2	235.4	149.1	93	38.4	77.6	110	35.5	—	50	80.2	40	55	9	18	7	50	65
AC50A-V-D	3/4, 1	1/8	1/2	287.4	234.1	155	—	98.1	110	45	—	70	96.2	50	70	11	20	8	60	80

					Optiona	al speci	fications						Semi	standard	l specific	ations	
Model	Squ embe		Digital pr	essure	Round press		Round press		Round press		With auto	PC/P/	A bowl	Meta	bowl		owl with gauge
Woder	type pr gau		swite	ch	gau		gauge (standa		gauge colour :			With barb fitting	With drain guide	With drain cock	With drain guide	With drain cock	With drain guide
	Н	J	Н	J	Н	J	Н	J	Н	J	В	В	В	В	В	В	В
AC20A-V-D	□28	27	□27.8	37.5	Ø 37.5	57.5	Ø 37.5	58.5	Ø 37.5	58.5	104.9	—	91.4	87.4	93.9	—	_
AC30A-V-D	□28	32.5	□27.8	43	Ø 37.5	63	Ø 37.5	64	Ø 37.5	64	157.1	123.9	122.2	117.8	122.3	137.8	142.3
AC40A-V-D	□28	41.5	□27.8	52	Ø 42.5	73	Ø 42.5	73	Ø 42.5	73	186.9	155.6	153.9	149.5	154	169.5	174
AC40A-06-V-D	□28	41.5	□27.8	52	Ø 42.5	73	Ø 42.5	73	Ø 42.5	73	188.9	157.6	155.9	151.5	156	171.5	176
AC50A-V-D	□28	51	□27.8	61.5	Ø 42.5	82.5	Ø 42.5	82.5	Ø 42.5	82.5	273.9	242.6	240.9	236.5	241	256.5	261

Air Combination Air Filter + Regulator AC20B-D to AC60B-D

How to Order



Option and Semi-standard Symbol Selection

• When more than one specification is required, indicate in alphanumeric order.

Example) AC30B-F03DE1-16NR-D

	<u> </u>		~					1		
				Symbol	Description		1	Body size		
						20	30	40	50	60
				_	Rc					
2		Pi	pe thread type	N *1	NPT					
-				F * ²	G					
				+						
				01	1/8		—	—	_	—
				02	1/4				—	
3			Port size	03	3/8				—	—
9			1 011 3120	04	1/2		—		—	
				06	3/4		—			
				10	1		—	—		
		_		+			1			
			Float type		Without auto drain			•		
		а	auto drain	C*4	N.C. (Normally closed) Drain port is closed when pressure is not applied.			•	•	•
				D *5	N.O. (Normally open) Drain port is open when pressure is not applied.					
				+						
	*3				Without pressure gauge		•	•	•	•
4	Option*3		Pressure gauge*6	E	Square embedded type pressure gauge (with limit indicator)		•	•	•	•
	ð			G	Round type pressure gauge (with limit indicator)			•	•	•
		b		M	Round type pressure gauge (with colour zone)			•	•	
			Disital and a	E1 E2	Output: NPN output, Electrical entry: Wiring bottom entry				•	•
			Digital pressure switch	E2 E3	Output: NPN output, Electrical entry: Wiring top entry Output: PNP output, Electrical entry: Wiring bottom entry	•	•	•	•	•
			3001011	E3 E4	Output: PNP output, Electrical entry: Wring bottom entry Output: PNP output, Electrical entry: Wiring top entry				•	
				+	Output. FINF Output, Electrical entry. Wining top entry					
	ent			_	Without attachment					
5	Attachment	с	Pressure relief	v	Mounting position: AF + AR + V	•	•		•	_
	Attac		3-port valve	V1*7	Mounting position: \mathbf{V} + AF + AR \Box K	•	•		•	_
				+			1]
			.	—	0.05 to 0.85 MPa setting					
		d	Set pressure*8	1	0.02 to 0.2 MPa setting					
				+						
					Polycarbonate bowl					
				2	Metal bowl					
		е	Bowl*9	6	Nylon bowl					
	ard		Bowi	8	Metal bowl with level gauge					
	nd			С	With bowl guard		*10	* ¹⁰	*10	* ¹⁰
6	-sta			6C	With bowl guard (Nylon bowl)		*11	* ¹¹	*11	*11
	Semi-standard	_		+			1			
	Ñ				With drain cock			•		
		f	Air filter drain	J ∗ ¹³	Drain guide 1/8		-	-	-	
			port*12		Drain guide 1/4	<u> </u>		•	•	•
				W *14	Drain cock with barb fitting (for Ø 6 x Ø 4 nylon tube)					
			Eulering	+	Deliauing trac					
		g	Exhaust	—	Relieving type			•	•	
			mechanism	N	Non-relieving type					

Select one each for a to i.

Air Combination AC20B-D to AC60B-D Series



AC30B-D

/	<u> </u>	/	~						1		
				Symbol	Description			E	Body size	Э	
						2	20	30	40	50	60
	7	h	Flow direction	—	Flow direction: Left to right	(
	-standard	h	Flow direction	R	Flow direction: Right to left	(•
	anc			+							
6				—	Unit on product label: MPa, °C, Pressure gauge in SI units: MPa	(
	Semi	i	Unit	Z * ¹⁵	Unit on product label: psi, °F, Pressure gauge: MPa/psi dual scale	С	_{)*} 17	○*17	○*17	○*17	○*17
	0			ZA * ¹⁶	Digital pressure switch: With unit selection function	\triangle	*18	\triangle^{*18}	\triangle^{*18}	△* ¹⁸	△* ¹⁸
*1 C	Drain	quide	e is NPT1/8 (applicable	to the AC	20B-D) pressure gauge will be fitted for standard (0.85 MPa) *13 W	ithou	t a val	ve functio	n		

- and NPT1/4 (applicable to the AC30B-D to AC60B-D). The auto drain port comes with a Ø 3/8" One-touch fitting (applicable to the AC30B-D to AC60B-D).
- *2 Drain guide is G1/8 (applicable to the AC20B-D) and G1/4 (applicable to the AC30B-D to AC60B-D). *3 Options G and M are not assembled and supplied
- loose at the time of shipment. *4 When pressure is not applied, condensate which
- does not start the auto drain mechanism will be left in the bowl. Releasing the residual condensate before ending operations for the day is recommended.
- *5 If the compressor is small (0.75 kW, discharge flow is less than 100 l/min (ANR)), air leakage from the drain cock may occur during the start of operations. N.C. type is recommended.
- *6 When the pressure gauge is attached, a 1.0 MPa
- type. 0.4 MPa pressure gauge for 0.2 MPa type. The regulator is equipped with a backflow function in *7 this configuration. Additionally, when performing maintenance work, make sure that the outlet pressure is released to atmospheric pressure using a pressure gauge.
- *8 Pressure can be set higher than the specification pressure in some cases, but use pressure within the specification range
- *9 Refer to chemical data on page 83 for chemical resistance of the bowl.
- *10 A bowl guard is provided as standard equipment (polycarbonate).
- A bowl guard is provided as standard equipment *11 (nylon).
- The combination of float type auto drain C and D is *12 not available

- *14 The combination of metal bowl 2 and 8 is not available. *15 For the pipe thread type: NPT
 - This product is for overseas use only according to the New Measurement Act. (The SI unit type is provided for use in Japan.)

Cannot be used with M: Round type pressure gauge (with colour zone). Available by request for special. The digital pressure switch will be equipped with the unit selection function, setting to psi initially.

- *16 For options: E1, E2, E3, E4 This product is for overseas use only according to the New Measurement Act. (The SI unit is provided for use in Japan.)
- O: For the pipe thread type: NPT only *17
- *18 A: Select with options: E1, E2, E3, E4.

Standard Specifications

	M	odel		AC20B-D	AC30B-D	AC40B-D	AC40B-06-D	AC50B-D	AC60B-D
Component	Air Filt	er	[AF]	AF20-D	AF30-D	AF40-D	AF40-06-D	AF50-D	AF60-D
Component	Regula	itor	[AR]	AR20-D	AR30-D	AR40-D	AR40-06-D	AR50-D	AR60-D
Port size				1/8, 1/4	1/4, 3/8	1/4, 3/8, 1/2	3/4	3/4, 1	1
Pressure gau	ge port	size ^{*1}	[AR]			1	/8		
Fluid						A	Air		
Ambient and	fluid ten	nperatures*2				–5 to 60 °C	(No freezing)		
Proof pressur	е					1.5	MPa		
Max. operatin	g press	ure				1.0	MPa		
Auto drain mi	nimum	N.C.	[AF]	0.1 MPa			0.15 MPa		
operating pre	ssure	N.O.	[AF]	—			0.1 MPa		
Set pressure	range		[AR]			0.05 to (0.85 MPa		
Nominal filtra	tion rati	ng* ³	[AF]			5	μm		
Compressed	air purit	y class ^{*4}				ISO 8573-1:20)10 [6 : 4 : 4]* ⁵		
Drain capacity	у		[AF]	8 cm ³	25 cm ³		45 (cm ³	
Bowl material			[AF]			Polyca	rbonate		
Bowl guard			[AF]	Semi-standard (Steel)		Star	ndard (Polycarbor	nate)	
Construction			[AR]			Relievi	ing type		
Weight				0.25 kg	0.51 kg	0.95 kg	1.02 kg	2.20 kg	2.39 kg

*1 Pressure gauge connection threads are not available for F.R.L. unit with a square embedded type pressure gauge or with a digital pressure switch.

*2 -5 to 50 °C for the products with the digital pressure switch

*3 For the following conditions in accordance with [Test condition: ISO 8573-4:2001 compliant, Test method ISO 12500-3:2009 compliant]

Conditions: When a new element is used, and the flow capacity, inlet pressure, and the amount of solid bodies on the filter inlet side are stable

*4 The compressed air purity class is indicated based on ISO 8573-1:2010 Compressed air - Part 1: Contaminants and purity classes. For details on this standard, refer to page 131.

*5 The compressed air quality class on the inlet side is [7:4:4].

AC20B-D to AC60B-D Series

Dimensions



AC40B-D to AC40B-06-D





AC50B-D to AC60B-D





Air Combination AC20B-D to AC60B-D Series



							Standa	ard spe	cificatio	ons								
Model														Brack	ket mou	nt		
	P 1	P 2	Α	В	С	E	F	G	J	Κ	Μ	Q 1	Q2	R	S	U	V 1	V2
AC20B-D	1/8, 1/4	1/8	83.2	87.6	26.5	—	41.6	25	21	2	30	24	33	5.5	11.5	3.5	29	38
AC30B-D	1/4, 3/8	1/8	110.2	115.4	30.5	30	55.1	35	26.5	3.5	41	35	—	7	14	6	42.5	42.5
AC40B-D	1/4, 3/8, 1/2	1/8	145.2	147.1	35.5	38.4	72.6	40	35.5	—	50	40	55	9	18	7	50	65
AC40B-06-D	3/4	1/8	155.2	149.1	35.5	38.4	77.6	40	35.5	—	50	40	55	9	18	7	50	65
AC50B-D	3/4, 1	1/8	186.2	220.1	43	—	93.1	30	45	—	70	50	70	11	20	8	60	80
AC60B-D	1	1/8	196.2	234.1	45	—	98.1	30	45	—	70	50	70	11	20	8	60	80

					Optiona	al speci	fications						Semi	standard	l specific	ations	
Model	Squ embe		Digital pr	essure	Round		Round press		Round press		With auto	PC/P4	A bowl	Meta	lbowl		owl with gauge
Woder	type pr gaເ		swite	ch	press gau		gauge (standa		gauge colour	•	drain	With barb fitting	With drain guide	With drain cock	With drain guide	With drain cock	With drain guide
	Н	J	Н	J	Н	J	Н	J	н	J	В	В	В	В	В	В	В
AC20B-D	□28	27	□27.8	37.5	Ø 37.5	57.5	Ø 37.5	58.5	Ø 37.5	58.5	104.9	—	91.4	87.4	93.9	—	—
AC30B-D	□28	32.5	□27.8	43	Ø 37.5	63	Ø 37.5	64	Ø 37.5	64	157.1	123.9	122.2	117.8	122.3	137.8	142.3
AC40B-D	□28	41.5	□27.8	52	Ø 42.5	73	Ø 42.5	73	Ø 42.5	73	186.9	155.6	153.9	149.5	154	169.5	174
AC40B-06-D	□28	41.5	□27.8	52	Ø 42.5	73	Ø 42.5	73	Ø 42.5	73	188.9	157.6	155.9	151.5	156	171.5	176
AC50B-D	□28	51	□27.8	61.5	Ø 42.5	82.5	Ø 42.5	82.5	Ø 42.5	82.5	259.9	228.6	226.9	222.5	227	242.5	247
AC60B-D	□28	51	□27.8	61.5	Ø 42.5	82.5	Ø 42.5	82.5	Ø 42.5	82.5	273.9	242.6	240.9	236.5	241	256.5	261

AC20B-D to AC60B-D Series



Dimensions: With Pressure Relief 3-Port Valve (V)













Air Combination AC20B-D to AC60B-D Series



								Standa	rd spe	ecificat	ions									
Model															Bra	acket r	nount			
	P 1	P 2	P 3	Α	В	С	Е	F	G	J	K	М	Ν	Q 1	Q2	R	S	U	V 1	V2
AC20B-V-D	1/8, 1/4	1/8	1/8	126.4	87.6	48.5	—	41.6	25	21	2	30	43.2	24	33	5.5	11.5	3.5	29	38
AC30B-V-D	1/4, 3/8	1/8	1/4	167.4	115.4	55	30	55.1	35	26.5	3.5	41	57.2	35	—	7	14	6	42.5	42.5
AC40B-V-D	1/4, 3/8, 1/2	1/8	3/8	220.4	147.1	69.7	38.4	72.6	40	35.5	—	50	75.2	40	55	9	18	7	50	65
AC40B-06-V-D	3/4	1/8	1/2	235.4	149.1	71.7	38.4	77.6	40	35.5		50	80.2	40	55	9	18	7	50	65
AC50B-V-D	3/4, 1	1/8	1/2	282.4	220.1	86.5	—	93.1	30	45	—	70	96.2	50	70	11	20	8	60	80

					Optiona	al speci	fications						Semi	standard	l specific	ations	
Model	Model Square embedd type press gauge			essure	Round press		Round press		Round press		With auto	PC/P/	A bowl	Meta	bowl		owl with gauge
Woder			swite	ch	gau		gauge (standa		gauge colour :			With barb fitting	With drain guide	With drain cock	With drain guide	With drain cock	With drain guide
	Н	J	Н	J	Н	J	Н	J	Н	J	В	В	В	В	В	В	В
AC20B-V-D	□28	27	□27.8	37.5	Ø 37.5	57.5	Ø 37.5	58.5	Ø 37.5	58.5	104.9	_	91.4	87.4	93.9	_	_
AC30B-V-D	□28	32.5	□27.8	43	Ø 37.5	63	Ø 37.5	64	Ø 37.5	64	157.1	123.9	122.2	117.8	122.3	137.8	142.3
AC40B-V-D	□28	41.5	□27.8	52	Ø 42.5	73	Ø 42.5	73	Ø 42.5	73	186.9	155.6	153.9	149.5	154	169.5	174
AC40B-06-V-D	□28	41.5	□27.8	52	Ø 42.5	73	Ø 42.5	73	Ø 42.5	73	188.9	157.6	155.9	151.5	156	171.5	176
AC50B-V-D	□28	51	□27.8	61.5	Ø 42.5	82.5	Ø 42.5	82.5	Ø 42.5	82.5	259.9	228.6	226.9	222.5	227	242.5	247

AC20B-D to AC60B-D Series

Dimensions: With Pressure Relief 3-Port Valve (V1)





Drain

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Air Combination AC20B-D to AC60B-D Series



								Standa	rd spe	ecificat	ions									
Model															Bra	acket r	nount			
	P 1	P 2	P 3	Α	В	С	Е	F	G	J	K	М	Ν	Q 1	Q2	R	S	U	V 1	V2
AC20B-V1-D	1/8, 1/4	1/8	1/8	126.4	87.6	48.5	—	41.6	25	26	2	30	43.2	24	33	5.5	11.5	3.5	29	38
AC30B-V1-D	1/4, 3/8	1/8	1/4	167.4	115.4	55	30	55.1	35	31.5	3.5	41	57.2	35	—	7	14	6	42.5	42.5
AC40B-V1-D	1/4, 3/8, 1/2	1/8	3/8	220.4	147.1	69.7	38.4	72.6	40	40.5	—	50	75.2	40	55	9	18	7	50	65
AC40B-06-V1-D	3/4	1/8	1/2	235.4	149.1	71.7	38.4	77.6	40	40.5		50	80.2	40	55	9	18	7	50	65
AC50B-V1-D	3/4, 1	1/8	1/2	282.4	220.1	86.5	—	93.1	30	50	—	70	96.2	50	70	11	20	8	60	80

					Optiona	al speci	fications						Semi	-standarc	l specific	ations	
Model	Squ embe		Digital pr	essure	Round press		Round press		Round press		With auto	PC/P/	A bowl	Meta	bowl		owl with gauge
Model	type pr gau		swite	ch	gau		gauge (standa		gauge colour :	•	drain	With barb fitting	With drain guide	With drain cock	With drain guide	With drain cock	With drain guide
	н	J	н	J	н	J	н	J	н	J	В	В	В	В	В	В	В
AC20B-V1-D	□28	27	□27.8	37.5	Ø 37.5	62.5	Ø 37.5	63.5	Ø 37.5	63.5	104.9	_	91.4	87.4	93.9		_
AC30B-V1-D	□28	32.5	□27.8	43	Ø 37.5	68	Ø 37.5	69	Ø 37.5	69	157.1	123.9	122.2	117.8	122.3	137.8	142.3
AC40B-V1-D	□28	41.5	□27.8	52	Ø 42.5	78	Ø 42.5	78	Ø 42.5	78	186.9	155.6	153.9	149.5	154	169.5	174
AC40B-06-V1-D	□28	41.5	□27.8	52	Ø 42.5	73	Ø 42.5	73	Ø 42.5	73	188.9	157.6	155.9	151.5	156	171.5	176
AC50B-V1-D	□28	51	□27.8	61.5	Ø 42.5	82.5	Ø 42.5	82.5	Ø 42.5	82.5	259.9	228.6	226.9	222.5	227	242.5	247

Air Combination Air Filter + Mist Separator + Regulator AC20C-D to AC40C-D

(6)



How to Order

-D

Option and Semi-standard Symbol Selection

Select one each for a to i.
When more than one specification is required, indicate

in alphanumeric order.

Example) AC30C-F03DE1-16NR-D

			_				1	
				Symbol	Description		Body size	
						20	30	40
				—	Rc	٠		
2		Ρ	ipe thread type	N *1	NPT	٠		
				F * ²	G			
				+				
				01	1/8		—	—
				02	1/4			
3			Port size	03	3/8	_		
				04	1/2	_	_	
				06	3/4	—	—	
_		_		+				
			Float type		Without auto drain	٠		
		а	auto drain	C *4	N.C. (Normally closed) Drain port is closed when pressure is not applied.			
				D *5	N.O. (Normally open) Drain port is open when pressure is not applied.	—		
				+				
	eñ				Without pressure gauge			
4	ion		Pressure gauge*6	E	Square embedded type pressure gauge (with limit indicator)			
9	Option*3		Tressure gauge	G	Round type pressure gauge (with limit indicator)			
		b		М	Round type pressure gauge (with colour zone)	•		
		~		E1	Output: NPN output, Electrical entry: Wiring bottom entry			
			Digital pressure	E2	Output: NPN output, Electrical entry: Wiring top entry			
			switch	E3	Output: PNP output, Electrical entry: Wiring bottom entry			
				E4	Output: PNP output, Electrical entry: Wiring top entry	٠		
		_		+				
	Attachment		Descention	_	Without attachment	•	•	•
5	achn	с	Pressure relief 3-port valve	V	Mounting position: AF + AFM + AR + V	•	•	•
	Atta			V1 *7	Mounting position: \mathbf{V} + AF + AFM + AR \Box K	•	•	•
				+				
		d	Set pressure*8		0.05 to 0.85 MPa setting			
		ŭ	Oct pressure	1	0.02 to 0.2 MPa setting			
		_		+				
				_	Polycarbonate bowl	٠		
				2	Metal bowl			
		е	Bowl*9	6	Nylon bowl			
	dard	Ŭ	Dom	8	Metal bowl with level gauge	_		
	and			С	With bowl guard		*10	*10
6	-sta			6C	With bowl guard (Nylon bowl)	•	*11	*11
	Semi-stan			+				
	Ň		Air filter		With drain cock	•		•
		f	Mist separator	J * ¹³	Drain guide 1/8			_
			drain port*12		Drain guide 1/4	—		•
				W *14	Drain cock with barb fitting (for Ø 6 x Ø 4 nylon tube)			
				+		-		
		g	Exhaust mechanism		Relieving type	•		•
				N	Non-relieving type			



AC 30 C -

03 DE -

(2)

(5)

Air Combination AC20C-D to AC40C-D Series



AC30C-D

	/	/					1	
				Symbol	Description		Body size	
						20	30	40
	7	h	Flow direction	—	Flow direction: Left to right			•
	standard	h	Flow direction	R	Flow direction: Right to left			
6	anc			+				
0				—	Unit on product label: MPa, °C, Pressure gauge in SI units: MPa	۲	٠	
	Semi	i	Unit	Z * ¹⁵	Unit on product label: psi, °F, Pressure gauge: MPa/psi dual scale	○*17	○*17	○*17
	S			ZA * ¹⁶	Digital pressure switch: With unit selection function	\triangle^{*18}	△* ¹⁸	△* ¹⁸
*1 Г	rain	auide	is NPT1/8 (applicable t	o the AC20	C-D) *6 When the pressure gauge is attached a 1.0 MPa *13 Without	a valve functio	n	

- and NPT1/4 (applicable to the AC30C-D to AC40C-D) The auto drain port comes with a Ø 3/8" One-touch fitting (applicable to the AC30C-D to AC40C-D).
- *2 Drain guide is G1/8 (applicable to the AC20C-D) and G1/4 (applicable to the AC30C-D to AC40C-D).
- *3 Options G and M are not assembled and supplied loose at the time of shipment.
- *4 When pressure is not applied, condensate which does not start the auto drain mechanism will be left in the bowl. Releasing the residual condensate before ending operations for the day is recommended.
- *5 If the compressor is small (0.75 kW, discharge flow is less than 100 l/min (ANR)), air leakage from the drain cock may occur during the start of operations. N.C. type is recommended.
- When the press aaua pressure gauge will be fitted for standard (0.85 MPa) type. 0.4 MPa pressure gauge for 0.2 MPa type.
- *7 The regulator is equipped with a backflow function in this configuration. Additionally, when performing maintenance work, make sure that the outlet pressure is released to atmospheric pressure using a pressure gauge.
- *8 Pressure can be set higher than the specification pressure in some cases, but use pressure within the , specification range.
- *9 Refer to chemical data on pages 83 and 91 for chemical resistance of the bowl
- *10 A bowl guard is provided as standard equipment (polycarbonate).
- A bowl guard is provided as standard equipment (nylon). *12 The combination of float type auto drain C and D is not available.

- *14 The combination of metal bowl 2 and 8 is not available. *15 For the pipe thread type: NPT
 - This product is for overseas use only according to the New Measurement Act. (The SI unit type is provided for use in Japan.)

Cannot be used with M: Round type pressure gauge (with colour zone). Available by request for special. The digital pressure switch will be equipped with the unit selection function, setting to psi initially.

- *16 For options: E1, E2, E3, E4 This product is for overseas use only according to the New Measurement Act. (The SI unit is provided for use in Japan.)
- *17 O: For the pipe thread type: NPT only
- ∗18 △: Select with options: E1, E2, E3, E4.

Standard Specifications

	Mo	odel		AC20C-D	AC30C-D	AC40C-D	AC40C-06-D
	Air Filt	er	[AF]	AF20-D	AF30-D	AF40-D	AF40-06-D
Component	Mist Se	eparator	[AFM]	AFM20-D	AFM30-D	AFM40-D	AFM40-06-D
	Regula	tor	[AR]	AR20-D	AR30-D	AR40-D	AR40-06-D
Port size				1/8, 1/4	1/4, 3/8	1/4, 3/8, 1/2	3/4
Pressure gau	ge port s	size*1	[AR]		1	/8	
Fluid					A	lir	
Ambient and f	luid tem	peratures*2			−5 to 60 °C	(No freezing)	
Proof pressu	re				1.5	MPa	
Max. operatin	g pressi	ure			1.0	MPa	
Auto drain mi	nimum	N.C.	[AF/AFM]	0.1 MPa		0.15 MPa	
operating pre	ssure	N.O.	[AF/AFM]	—		0.1 MPa	
Set pressure	range		[AR]		0.05 to 0).85 MPa	
Max. flow cap	acity*3		[AFM]	200 l/min (ANR)	450 l/min (ANR)	1100 l/n	nin (ANR)
Nominal filtra	tion roti	na*4	[AF]		51	um	
Nominal mura	lion rati	ng ·	[AFM]		0.3 μm (99.9 % fil	tered particle size)	
Outlet side oil m	ist concer	ntration*5, *6	[AFM]		Max. 1.0 mg/r	n³ (≈ 0.8 ppm)	
Compressed	air purity	y class*7			ISO 8573-1:20	10 [3 : 4 : 3]* ⁸	
Drain capacit	у		[AF/AFM]	8 cm ³	25 cm ³	45	cm ³
Bowl materia			[AF/AFM]		Polyca	rbonate	
Bowl guard			[AF/AFM]	Semi-standard (Steel)	ç	Standard (Polycarbonate	e)
Construction			[AR]		Relievi	ng type	
Weight				0.38 kg	0.75 kg	1.42 kg	1.54 kg

*1 Pressure gauge connection threads are not available for F.R.L. unit with a square embedded type pressure gauge or with a digital pressure switch.

*2 -5 to 50 °C for the products with the digital pressure switch

Mist separator inlet pressure: 0.7 MPa. Flow at 20 °C, atmospheric pressure, and 65 % of the relative humidity *3

The maximum flow capacity varies depending on the inlet pressure.

Keep the air flow within the maximum flow capacity to prevent an outflow of lubricant to the outlet side. *4 For the following conditions in accordance with [Test condition: ISO 8573-4:2001, Test method ISO 12500-3:2009 compliant] in addition to the conditions above

Conditions: When a new element is used, and the flow capacity, inlet pressure, and the amount of solid bodies on the filter inlet side are stable

*5 The outlet side oil mist concentration for the following conditions in accordance with [Test condition: ISO 8573-2:2007, Test method ISO 12500-1:2007 compliant] in addition to the conditions above Conditions: When a new element is used, the oil mist concentration on the filter inlet side is 10 mg/m³, and the flow capacity, inlet pressure, and the oil mist concentration on the filter inlet side are stable *6 The bowl seal and other O-rings are slightly lubricated

The compressed air purity class is indicated based on ISO 8573-1:2010 Compressed air - Part 1: Contaminants and purity classes. *7

For details on this standard, refer to page 131. *8 The compressed air quality class on the inlet side is [7:4:4].



AC20C-D to AC40C-D Series

Dimensions

AC20C-D





AC30C-D





AC40C-D to AC40C-06-D





Air Combination AC20C-D to AC40C-D Series



							Stan	dard s	specific	ations	;								
Model														Bra	acket r	nount			
	P 1	P2	Α	В	С	E	F	G	J	K	Μ	Ν	Q 1	Q2	R	S	U	V 1	V2
AC20C-D	1/8, 1/4	1/8	126.4	87.6	26.5		41.6	45	21	2	30	43.2	24	33	5.5	11.5	3.5	29	38
AC30C-D	1/4, 3/8	1/8	167.4	115.4	30.5	30	55.1	50	26.5	3.5	41	57.2	35	—	7	14	6	42.5	42.5
AC40C-D	1/4, 3/8, 1/2	1/8	220.4	147.1	35.5	38.4	72.6	75	35.5	_	50	75.2	40	55	9	18	7	50	65
AC40C-06-D	3/4	1/8	235.4	149.1	35.5	38.4	77.6	75	35.5	—	50	80.2	40	55	9	18	7	50	65

					Optiona	Semi-standard specifications											
Model	Square embedded type pressure gauge		Digital pressure switch		Round type pressure gauge		Round type pressure gauge (Semi- standard: Z)		Round type pressure gauge (with colour zone)		With auto drain	PC/PA bowl		Metal bowl		Metal bowl with level gauge	
												With barb fitting	With drain guide	With drain cock	With drain guide	With drain cock	With drain guide
	Н	J	Н	J	Н	J	Н	J	Н	J	В	В	В	В	В	В	В
AC20C-D	□28	27	□27.8	37.5	Ø 37.5	57.5	Ø 37.5	58.5	Ø 37.5	58.5	104.9	—	91.4	87.4	93.9	_	_
AC30C-D	□28	32.5	□27.8	43	Ø 37.5	63	Ø 37.5	64	Ø 37.5	64	157.1	123.9	122.2	117.8	122.3	137.8	142.3
AC40C-D	□28	41.5	□27.8	52	Ø 42.5	73	Ø 42.5	73	Ø 42.5	73	186.9	155.6	153.9	149.5	154	169.5	174
AC40C-06-D	□28	41.5	□27.8	52	Ø 42.5	73	Ø 42.5	73	Ø 42.5	73	188.9	157.6	155.9	151.5	156	171.5	176

AC20C-D to AC40C-D Series

Dimensions: With Pressure Relief 3-Port Valve (V)

AC20C-V-D





AC30C-V-D





AC40C-V-D to AC40C-06-V-D





Air Combination AC20C-D to AC40C-D Series



		Standard specifications																						
Model															Bracket mount									
	P 1	P 2	P 3	Α	В	С	E	F	G	J	K	Μ	Ν	Q 1	Q2	R	S	U	V 1	V2				
AC20C-V-D	1/8, 1/4	1/8	1/8	169.6	87.6	48.5	—	41.6	40	21	2	30	43.2	24	33	5.5	11.5	3.5	29	38				
AC30C-V-D	1/4, 3/8	1/8	1/4	224.6	115.4	55	30	55.1	50	26.5	3.5	41	57.2	35	—	7	14	6	42.5	42.5				
AC40C-V-D	1/4, 3/8, 1/2	1/8	3/8	295.6	147.1	69.7	38.4	72.6	75	35.5	—	50	75.2	40	55	9	18	7	50	65				
AC40C-06-V-D	3/4	1/8	1/2	315.6	149.1	71.7	38.4	77.6	75	35.5	—	50	80.2	40	55	9	18	7	50	65				

Model					Optiona	al speci	fications					Semi-standard specifications							
	Square embedded type pressure gauge		Digital pr	essure	Round type		Round type pressure		Round type pressure		With auto	PC/PA bowl		Metal bowl		Metal bowl with level gauge			
			switch		pressure gauge		gauge (Semi- standard: Z)		gauge (with colour zone)		drain	With barb fitting	With drain guide	With drain cock	With drain guide	With drain cock	With drain guide		
	Н	J	Н	J	Н	J	Н	J	Н	J	В	В	В	В	В	В	В		
AC20C-V-D	□28	27	□27.8	37.5	Ø 37.5	57.5	Ø 37.5	58.5	Ø 37.5	58.5	104.9	_	91.4	87.4	93.9	_	_		
AC30C-V-D	□28	32.5	□27.8	43	Ø 37.5	63	Ø 37.5	64	Ø 37.5	64	157.1	123.9	122.2	117.8	122.3	137.8	142.3		
AC40C-V-D	□28	41.5	□27.8	52	Ø 42.5	73	Ø 42.5	73	Ø 42.5	73	186.9	155.6	153.9	149.5	154	169.5	174		
AC40C-06-V-D	□28	41.5	□27.8	52	Ø 42.5	73	Ø 42.5	73	Ø 42.5	73	188.9	157.6	155.9	151.5	156	171.5	176		