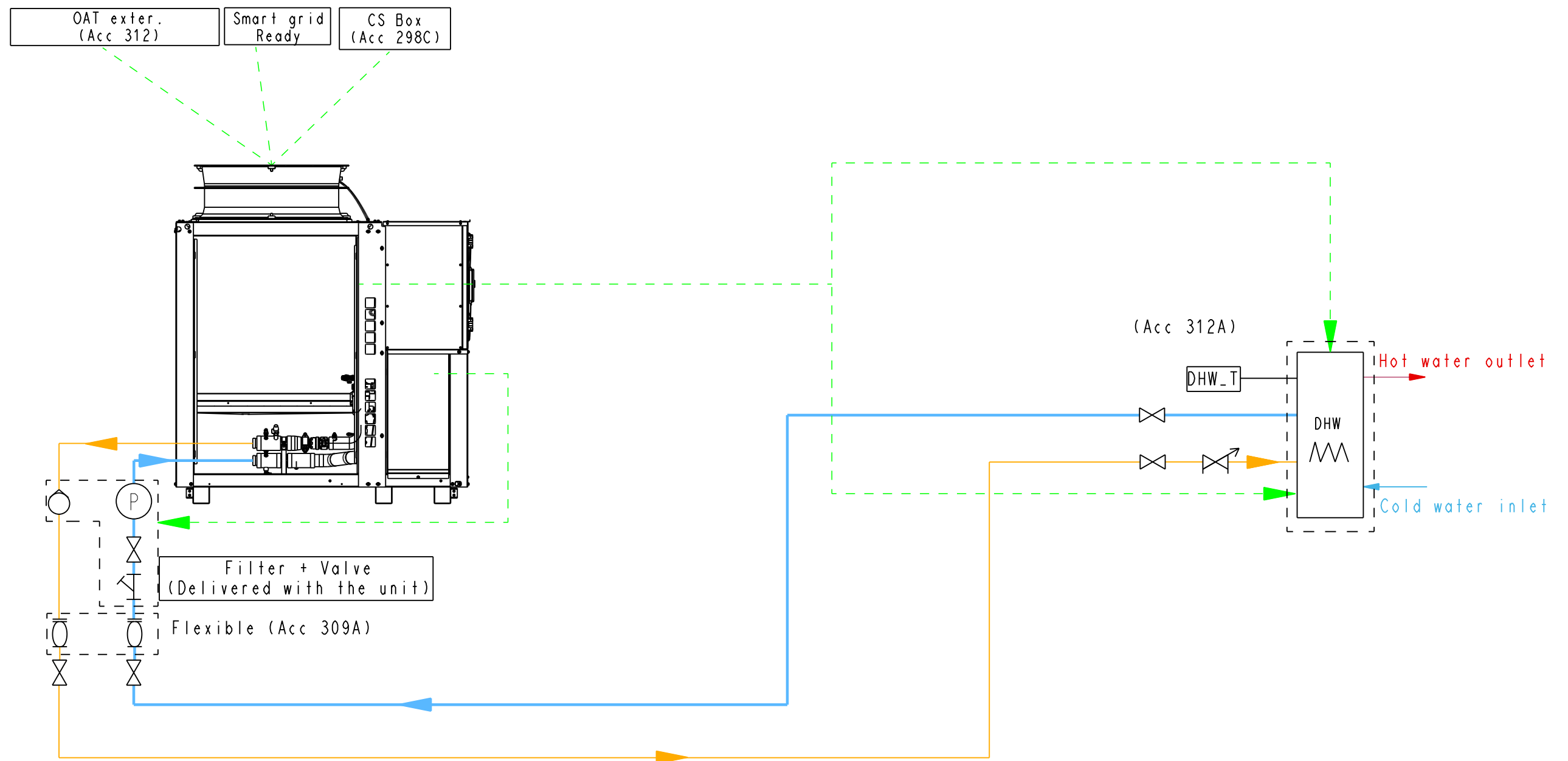


Single air-source heat pump: 1 unit with DHW



IMPLEMENTED NOTES :

A) Provide frost protection (tracing or glycol)

REGULATORY NOTES :

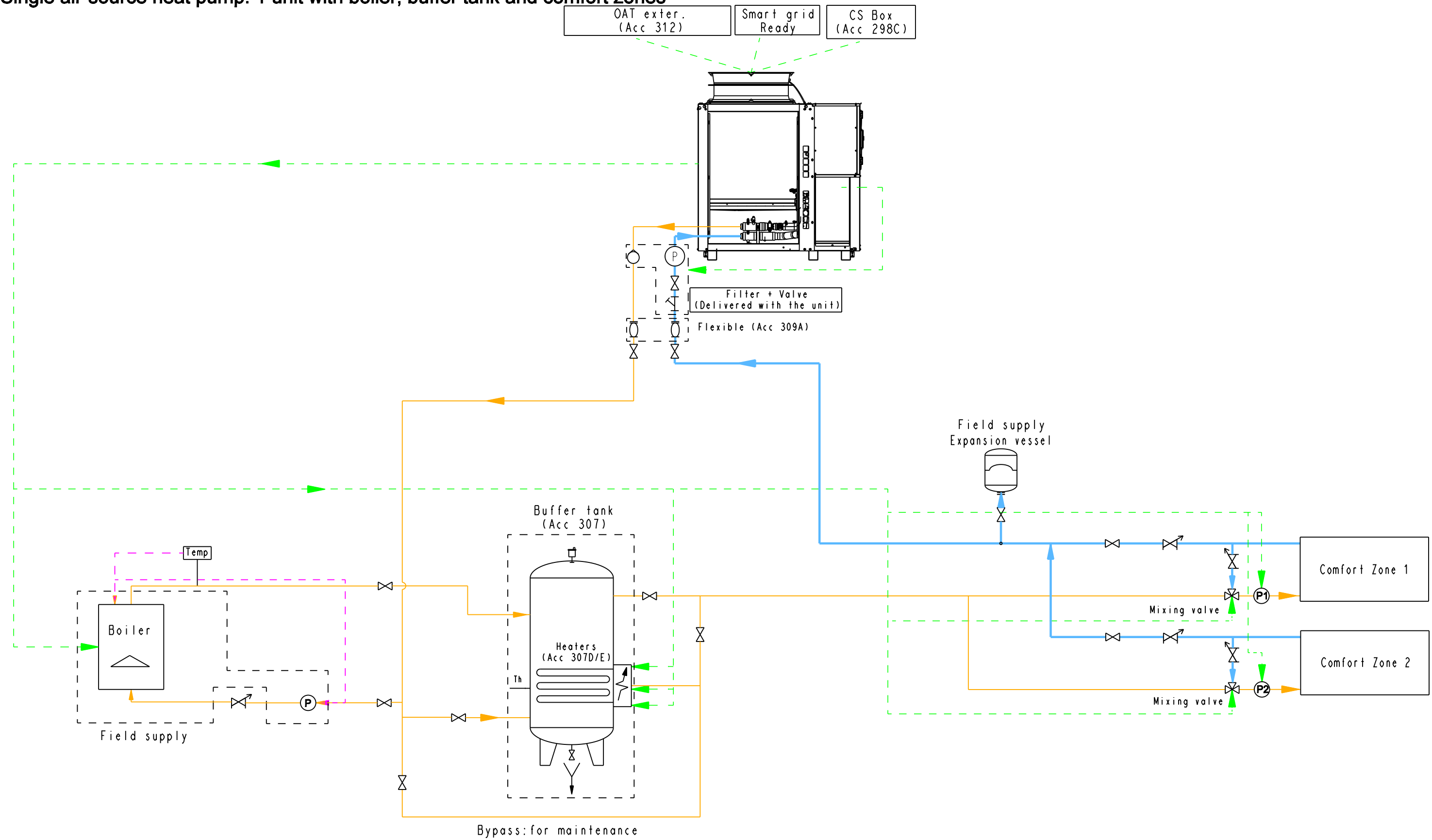
Possibility of global management of the installation by manufacturer automation

The diagram shows the main elements and those controlled by the machine.
Some customer installation elements may not be shown (tap valve, compensator, etc.)

- For a version with hydraulic kit, refer to the technical documentation of the machine concerned.
- Non-contractual diagram, given for information purposes only,
does not constitute in any case a model for execution and does not replace the intervention of a professional
- For the implementation of the machines, refer to the various Carrier technical manuals available

TOLERANCE	1 UNITÉ AVEC ECS	DATE	Feuille Sheet
±10	1 UNIT WITH DHW	15-May-25	177
		ASHP_R290-PID	Indice A

Single air-source heat pump: 1 unit with boiler, buffer tank and comfort zones



IMPLEMENTED NOTES :

- A) Venting at high points
- B) Draining at low points
- C) Provide frost protection (tracing or glycol)

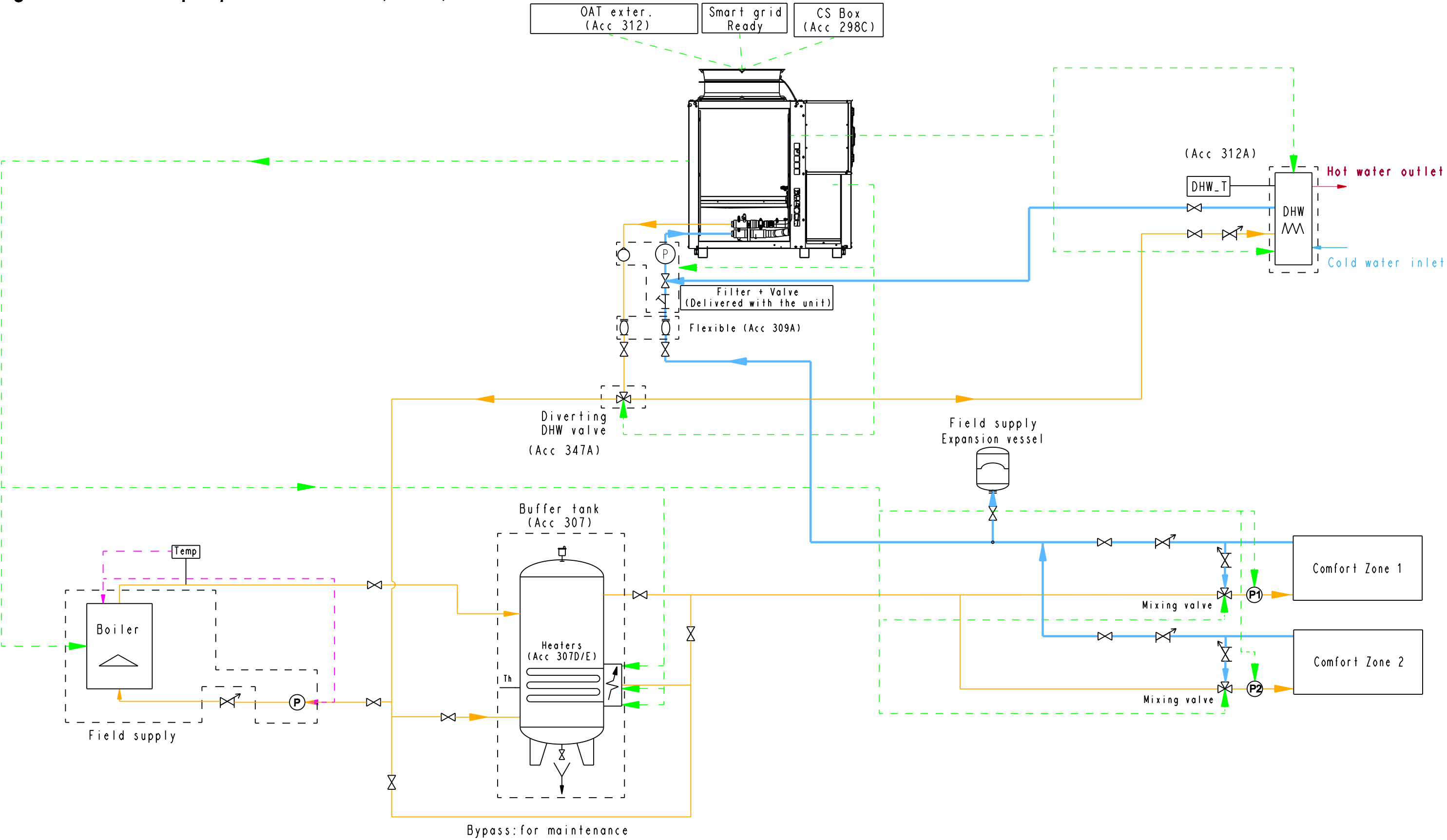
REGULATORY NOTES :

Possibility of global management of the installation by manufacturer automation
The diagram shows the main elements and those controlled by the machine.
Some customer installation elements may not be shown (tap valve, compensator, etc.)

- For a version with hydraulic kit, refer to the technical documentation of the machine concerned.
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TOLERANCE ±10	1 UNITÉ AVEC CHAUDIÈRE, BALLON TAMPON ET ZONES DE CONFORT	DATE 15-May-25	Feuille Sheet 2/7 Indice
	1 UNIT WITH BOLIER, BUFFER TANK AND COMFORT ZONES	ASHP_R290-PID A	

Single air-source heat pump: 1 unit with DHW, boiler, buffer tank and comfort zones



IMPLEMENTED NOTES :

- A) Venting at high points
- B) Draining at low points
- C) Provide frost protection (tracing or glycol)

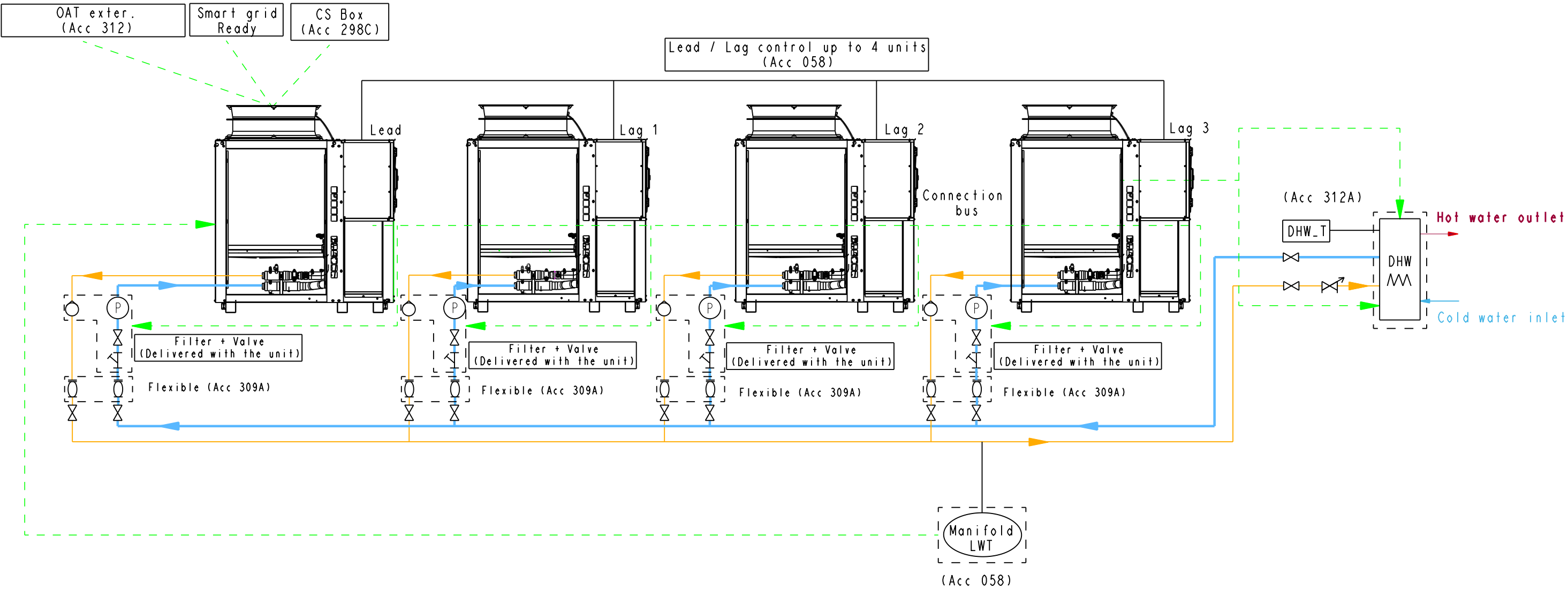
REGULATORY NOTES :

Possibility of global management of the installation by manufacturer automation
The diagram shows the main elements and those controlled by the machine.
Some customer installation elements may not be shown (tap valve, compensator, etc.)

- For a version with hydraulic kit, refer to the technical documentation of the machine concerned.
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TOLERANCE	1 UNITÉ AVEC ECS, CHAUDIÈRE, BALLON TAMPON ET ZONES DE CONFORT 1 UNIT WITH DHW, BOILER, BUFFER TANK AND COMFORT ZONES	DATE 15-May-25	Feuille Sheet 3/7 Indice A
±10		ASHP_R290-PID	

multiple air-source heat pumps: 4 units with DHW



IMPLEMENTED NOTES :

A) Venting at high points

REGULATORY NOTES :

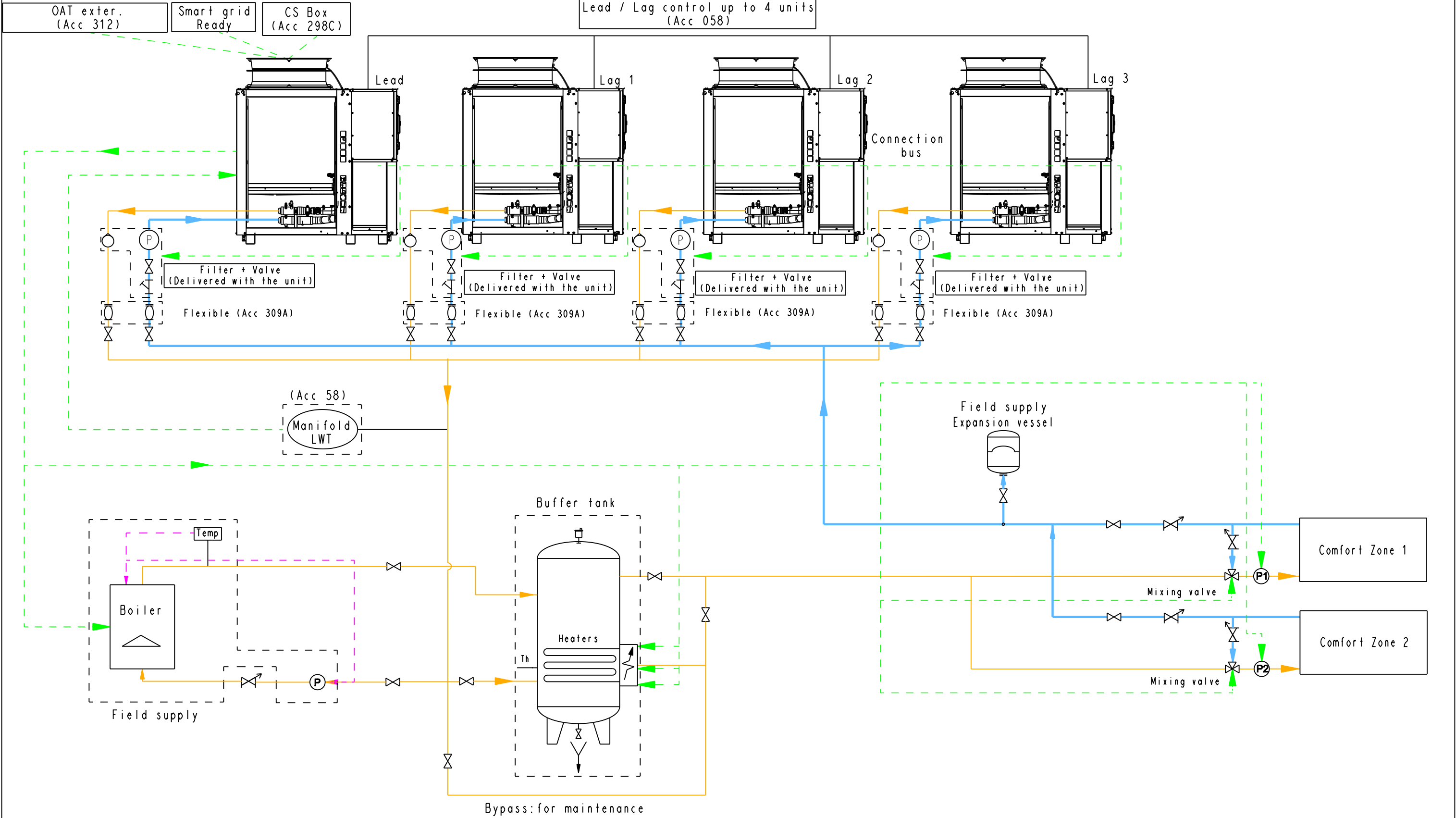
Possibility of global management of the installation by manufacturer automation

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- For a version with hydraulic kit, refer to the technical documentation of the machine concerned.
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TOLERANCE	±10	4 UNITÉS AVEC ECS 4 UNITS WITH DHW	DATE 15-May-25	Feuille Sheet 4/7
				Indice A

multiple air-source heat pumps: 4 units with boiler , buffer tank and comfort zones



IMPLEMENTED NOTES :

- A) Venting at high points
- B) Draining at low points
- C) Provide frost protection (tracing or glycol)

REGULATORY NOTES :

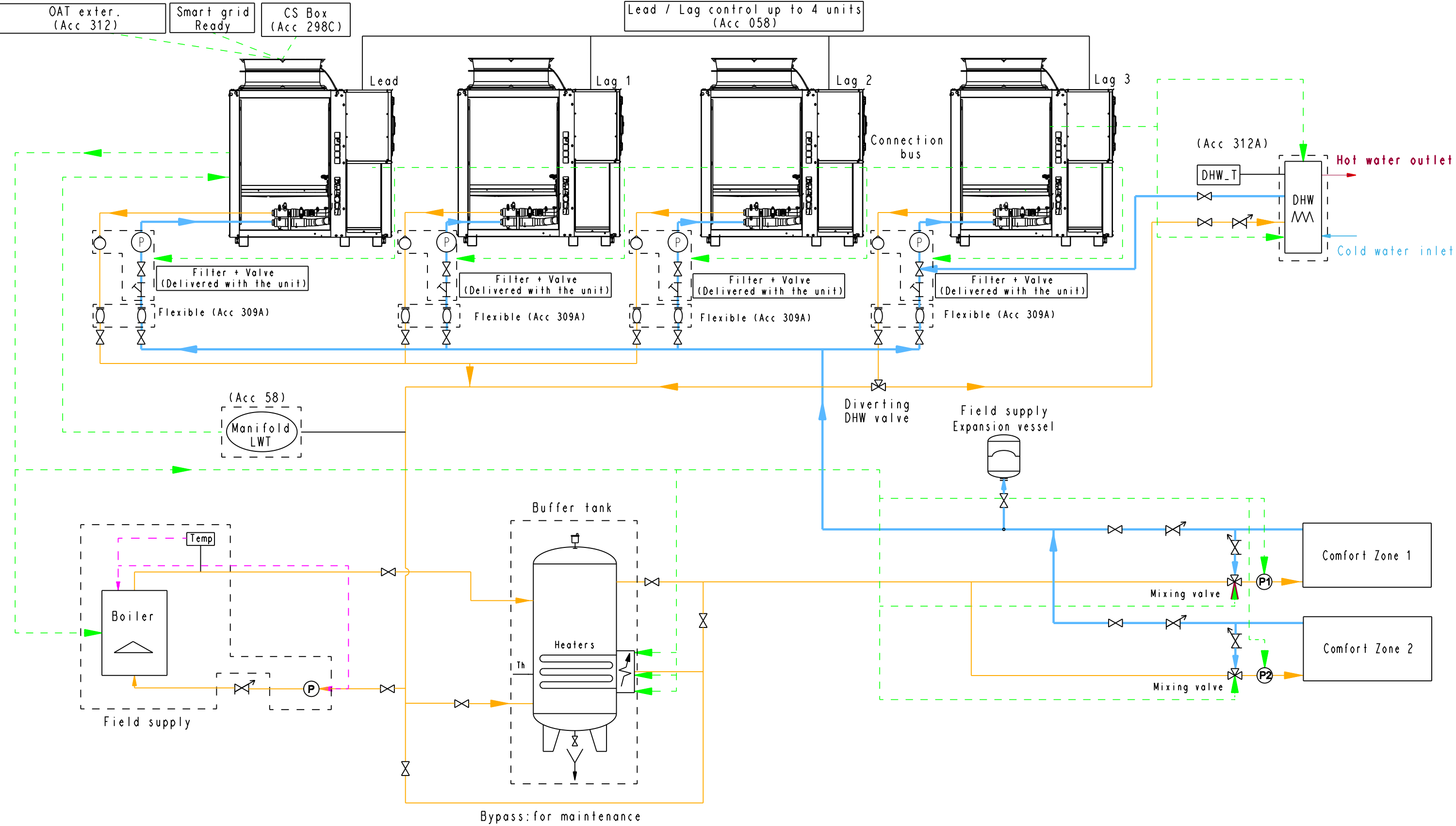
Possibility of global management of the installation by manufacturer automation

The diagram shows the main elements and those controlled by the machine.
Some customer installation elements may not be shown (tap valve, compensator, etc.)

- For a version with hydraulic kit, refer to the technical documentation of the machine concerned.
- Non-contractual diagram, given for information purposes only, does not constitute in any case a model for execution and does not replace the intervention of a professional
- For the implementation of the machines, refer to the various Carrier technical manuals available

TOLERANCE	4 UNITÉS AVEC CHAUDIÈRE, BALLON TAMPON ET ZONES DE CONFORT 4 UNITS WITH BOILER, BUFFER TANK AND COMFORT ZONES	DATE 15-May-25	Feuille Sheet 5/7
±10		ASHP_R290-PID	Indice A

multiple air-source heat pumps: 4 units with DHW, boiler, buffer tank and comfort zones



IMPLEMENTED NOTES :

- A) Venting at high points
- B) Draining at low points
- C) Provide frost protection (tracing or glycol)

REGULATORY NOTES :

Possibility of global management of the installation by manufacturer automation

The diagram shows the main elements and those controlled by the machine.
Some customer installation elements may not be shown (tap valve, compensator, etc.)

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- For the implementation of the machines, refer to the various Carrier technical manuals available

TOLERANCE	4 UNITÉS AVEC ECS, CHAUDIÈRE, BALLON TAMPON ET ZONES DE CONFORT	DATE	15-May-25	Feuille Sheet 6/7
±10	4 UNITS WITH DHW, BOILER, BUFFER TANK AND COMFORT ZONES	ASHP_R290-PID		Indice A

ASHP_R290-PID A													
	FRANCAIS	ENGLISH	DEUTSCH	CASTELLANO	ITALIANO	DANSK	ELLINIKA	PORTUGES	SUOMI	SWENSKA	CZECH		
	VANNE D'ARRET	SHUT-OFF VALVE	ABSCHALTVENTIL	VÁLVULA DE CIERRE	VALVOLA DI CHIUSURA	SHUT-OFF VALVE	ΒΑΛΒΙΔΑ ΚΛΕΙΣΙΜΟΤΗΤΑΣ	VÁLVULA DE FECHO	SULKUVENTTIILI	AVSTÄNGNINGSVENTIL	Kulový uzavírací ventil		
	VANNE À 3 VOIES	3 WAY VALVE	3 WEGE-VENTIL	VÁLVULA DE 3 VÍAS	VALVOLA A 3 VIE	3-VEJS VENTIL	ΒΑΛΒΙΔΑ 3 ΔΡΟΜΩΝ	VÁLVULA DE 3 VIAS	3-TIEVENTTIILI	3-VÄGSVENTIL	Třícestný ventil		
	VANNE D'ÉQUILIBRAGE	EQUILIBRATE VALVE	AUSGEWOGENES VENTIL	VÁLVULA EQUILIBRADA	BALANCED VALVE	BALANCERET VENTIL	ΙΣΟΡΡΟΠΗΜΕΝΗ ΒΑΛΒΙΔΑ	VÁLVULA EQUILIBRADA	TASAPAINOVENTTIILI	BALANSERAD VENTIL	Vyrovňovací ventil		
	CLAPET ANTI RETOUR	CHECK VALVE	PRsFVENTIL	VÁLVULA DE RETENCIÓN	VALVOLA DI CONTROLLO	CHECK VALVE	ΒΑΛΒΙΔΑ ΕΛΕΓΧΟΥ	VÁLVULA DE CONTROLO	SÄÄTÖVENTTIILI	BACKVENTIL	Zpětná klapka		
	MANCHON ANTI VIBRATILE	ANTI-VIBRATION SLEEVE	ANTI-VIBRATIONS-MANSCHETTE	MANGUITO ANTIVIBRACIONES	MANICOTTO ANTIVIBRANTE	ANTI-VIBRATIONSØSNING	ΑΝΤΙΚΡΑΔΑΣΜΙΚΟ ΧΙΤΩΝΙΟ	MANGA ANTI-VIBRAÇÃO	TÄRINÄNVAIMEN NUSHOLKKI	ANTIVIBRATIONSHYLSA	Anti-vibrační objímka		
	FILTRE AVEC ENSEMBLE MANOMETRE	FILTER WITH PRESSURE GAUGE ASSEMBLY	FILTER MIT DRUCKMESSGERZT	FILTRO CON MANÓMETRO	FILTRO CON GRUPPO MANOMETRICO	FILTER MED TRYKMLER	ΦΙΛΤΡΟ ΜΕ ΜΑΝÓΜΕΤΡΟ	FILTRO COM CONJUNTO DE MANÓMETRO	SUODATIN JA PAINEMITTARI	FILTER MED TRYCKMÄTARENHET	Filtr se sestavou tlakomru		
	THERMOMETRE	THERMOMETER	THERMOMETER	TERMÓMETRO	TERMOMETRO	THERMOMETER	ΘΕΡΜΟΜΕΤΡΟ	TERMÓMETRO	LÄMPÖMITTARI	TERMOMETER	Teplomer		
	CAPTEUR DE TEMPERATURE	TEMPERATURE SENSOR	TEMPERATURSENSOR	SENSOR DE TEMPERATURA	SENSORE DI TEMPERATURA	TEMPERATURFØLER	ΑΙΣΘΗΤΗΡΑΣ ΘΕΡΜΟΚΡΑΣΙΑΣ	SENSOR DE TEMPERATURA	LÄMPÖTILA-ANTURI	TEMPERATURGIVARE	Cidlo teploty		
	CAPTEUR DE PRESSION	PRESSURE SENSOR	DRUCKSENSOR	SENSOR DE PRESIÓN	SENSORE DI PRESSIONE	TRYKSENSOR	ΑΙΣΘΗΤΗΡΑΣ ΠΙΕΣΗΣ	SENSOR DE PRESSÃO	PAINEANTURI	TRYCKGIVARE	Cidlo tlaku		
	VIDANGE	DRAIN	ENTWASSERUNG	DRENAJE	SCARICO	DRÆN	ΑΠΟΣΤΡΑΓΓΙΣΗ	DRENAGEM	TYHJENNYS	DRÄNERING	Vypouštění		
	PURGEUR	PURGE	SPsLEN	PURGA	SPURGO	PURGE	ΚΑΘΑΡΙΣΜΟΣ	PURGA	PURGE	PURGE	Cistení		
	SORTIE D'EAU CHAUDE	HOT WATER OUTLET	HEETWATERUITLAAT	SALIDA DE AGUA CALIENTE	USCITA ACQUA CALDA	VARMTVANDSUDLØB	ΈΞΟΔΟΣ ΖΕΣΤΟΥ ΝΕΡΟΥ	SAÍDA DE ÁGUA QUENTE	KUUMAN VEDEN ULOSTULO	VARMVATTENUTLOPP	Výstup topné vody		
	ENTRÉE D'EAU FROIDE	COLD WATER INLET	KOUD WATER INLAAT	ENTRADA DE AGUA FRÍA	INGRESSO ACQUA FREDDA	INDGANG TIL KOLDT VAND	ΕΙΣΟΔΟΣ ΚΡΥΟΥ ΝΕΡΟΥ	ENTRADA DE ÁGUA FRIA	KYLMÄN VEDEN TULO	KALLVATTENINLOPP	Zpátečka topné vody		
	CONTRÔLE	CONTROL	CONTROLE	CONTROL	CONTROLLO	KONTROL	ΕΛΕΓΧΟΣ	CONTROLO	CONTROL	KONTROLL	Regulace		
	CONTRÔLE PAR LA CHAUDIÈRE ELLE-MÊME	CONTROL BY THE BOILER IT-SELF	CONTROLE DOOR DE KETEL ZELF	CONTROL POR LA PROPIA CALDERA	CONTROLLO DA PARTE DELLA CALDAIA STESSA	STYRING AF SELVE KEDLEN	ΈΛΕΓΧΟΣ ΑΠΟ ΤΟΝ ΊΔΙΟ ΤΟΝ ΛΕΒΗΤΑ	CONTROLO PELA PRÓPRIA CALDEIRA	KATTILAN ITSENSÄ SUORITTAMA VALVONTA	STYRNING AV SJÄLVA PANNAN	Vlastní regulace kotle		
	NON FOURNI PAR LE CARRIER	NOT SUPPLY BY CARRIER	NIET GELEVERD DOOR CARRIER	NO SUMINISTRADO POR EL CARRIER	NON FORNITO DAL CARRIER	LEVERES IKKE AF CARRIER	ΔΕΝ ΠΑΡΕΧΕΤΑΙ ΑΠΟ ΤΟΝ CARRIER	NÃO FORNECIDO PELO CARRIER	EI TOIMITETA CARRIER TOIMESTA	LEVERERAS INTE AV CARRIER	Není součástí dodávky CARRIER		
								TOLERANCE	PID			DATE	Feuille Sheet 7/7
								±10				15-May-25	Indice
								ASHP_R290-PID					A