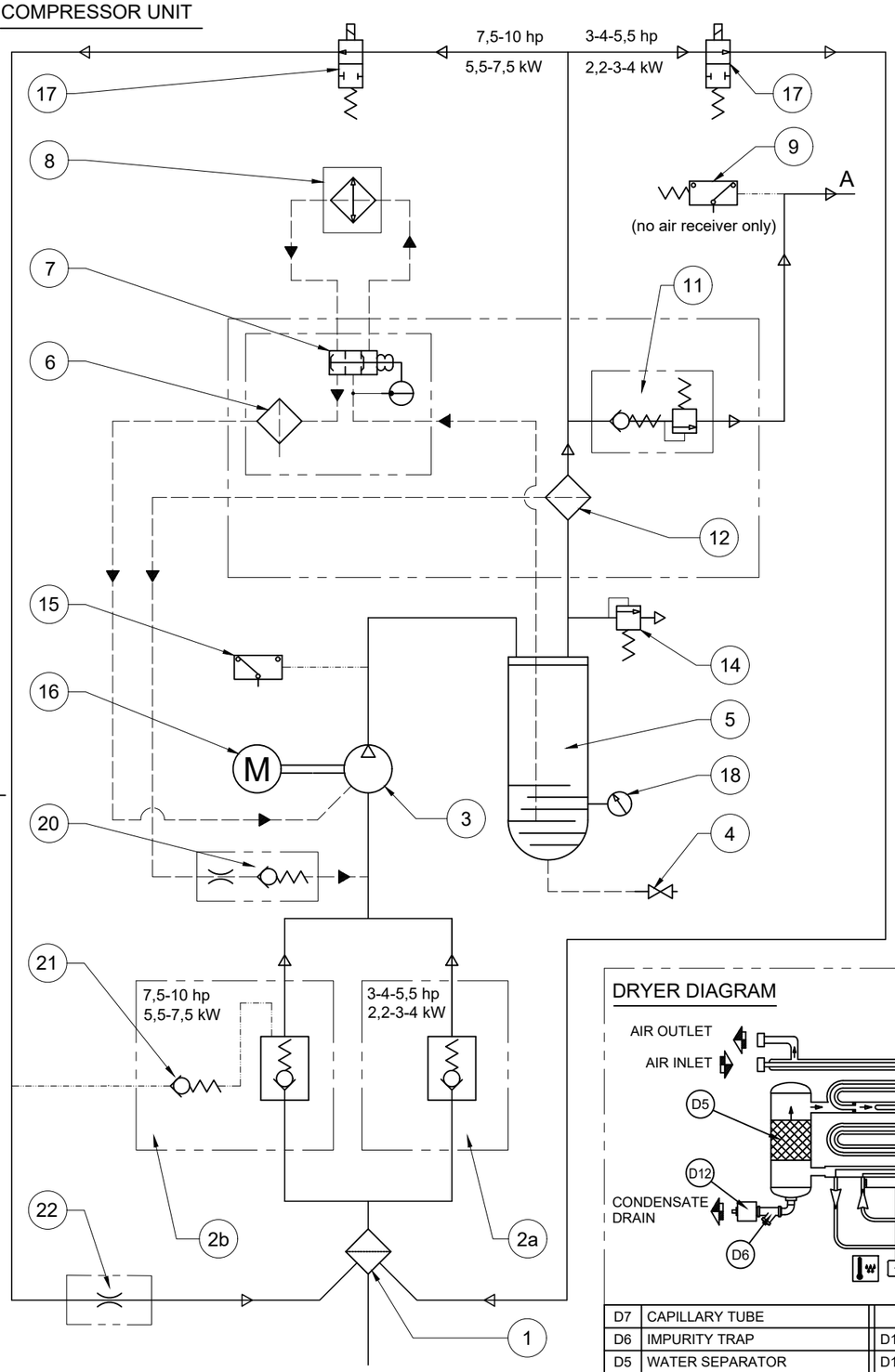
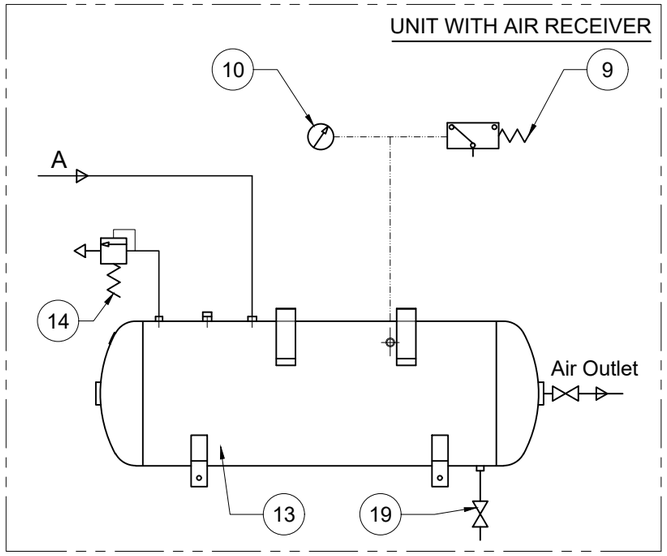
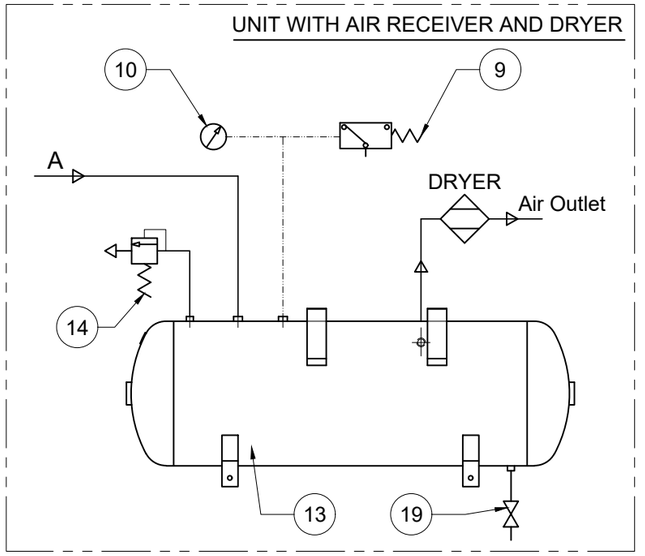
COMPRESSOR UNIT





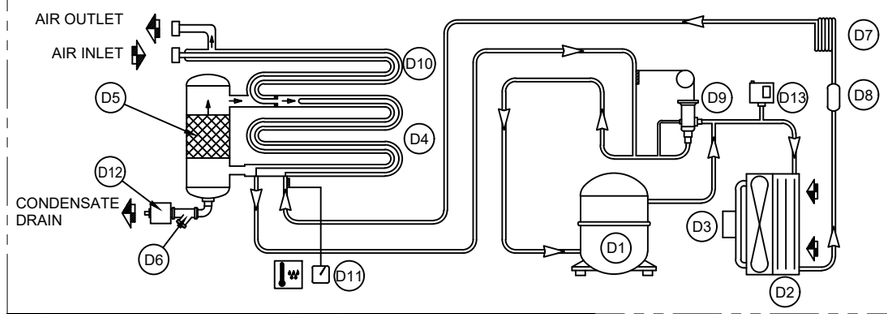


AIR CIRCUIT

OIL CIRCUIT

CONTROL CIRCUIT

DRYER DIAGRAM



D7	CAPILLARY TUBE		
D6	IMPURITY TRAP	D13	FAN PRESS.SWITCH (ONLY 10HP)
D5	WATER SEPARATOR	D12	ELECTR. CONDENSATE DRAIN
D4	HEAT EXCHANGER	D11	DEW POINT THERMOMETER
D3	FAN MOTOR	D10	AIR-AIR HEAT EXCHANGER
D2	CONDENSER	D9	HOT GAS BYPASS VALVE
D1	REFRIGERANT COMPRESSOR	D8	FILTER DRYER REFRIGERANT
POS.	DESCRIPTION	POS.	DESCRIPTION

SEE ALSO COMPONENT LIST 9828 0842 48

22	NOZZLE (7,5-10hp / 5,5-7,5kW)	
21	NON RETURN VALVE (7,5-10hp / 5,5-7,5kW)	
20	NON RETURN VALVE AND NOZZLE	
19	BALL VALVE (PURGE DRAIN)	
18	SIGHT OIL LEVEL	
17	SOLENOID VALVE	
16	DRIVE MOTOR	
15	TEMPERATURE SENSOR/SWITCH	
14	SAFETY VALVE	
13	AIR RECEIVER	
12	AIR/OIL SEPARATOR ELEMENT	
11	MINIMUN PRESSURE VALVE	
10	PRESSURE GAUGE (EP)	COMPRESSOR CONTROLLER (BC)
9	PRESSURE SWITCH (EP)	PRESSURE SENSOR (BC)
8	OIL COOLER	
7	THERMOSTATIC VALVE	
6	OIL FILTER	
5	AIR/OIL RECEIVER	
4	OIL DRAIN VALVE	
3	OIL INJECTED SCREW COMPRESSOR ELEMENT	
2b	SUCTION REGULATOR (UNLOADER) (7,5-10hp / 5,5-7,5kW)	
2a	SUCTION REGULATOR (CHECK VALVE) (3-4-5,5hp / 2,2-3-4kW)	
1	SUCTION AIR FILTER	
POS.	DESCRIPTION	

NOTE: (EP) = ELECTRO-PNEUMATIC VERSION ; (BC) = BASE CONTROLLER VERSION

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01		UPDATE - CID 27760/10-11-20 - DN 200628 36	10/11/2020				Not Applicable	Not Applicable
Note	Posi-tion	Modified from	Date	Intr./Appd.			Parent 3D Model	Ed.Version 3D

Name	FLOW DIAGRAM	BP 2,2-7,5KW (3-10HP) C43		Confidentiality Class 1102 K/	Confidential
Material	Not Applicable				
Treatment	Not Applicable				ACDE
	Scale -:-	Family C43 (E235)	Compare	Drawing Owner	Transferred from
	Drawn by CAlsgraser	Blank nr. Not Applicable	Replaces	CAI	
STATUS	Drawing Format A3	Blank wt. N/A Kg	Fini wt. Kg	Designation	Sheet 01 (01)
Approved	Des checked.	Prod checked.	Approved.	Date 13/10/2020	9828084247