INSTRUCTIONS

CPP, CPR, CPL, CPC, CPT

34A0306

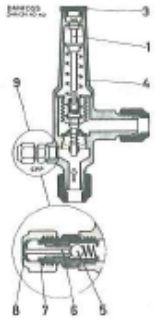

Fig. 1 CPP/CPR

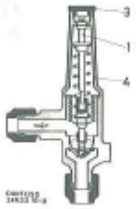

Fig. 2 CPC/CPL

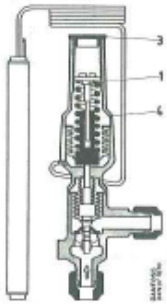

Fig. 3 CPT

Fig. 4

1. Spindel 3. Hætte 4. Ventilhus 5. Låsekugle 6. Nippel 7. Pakning 8. Blændhætte 9. Enhed for manometertilslutning

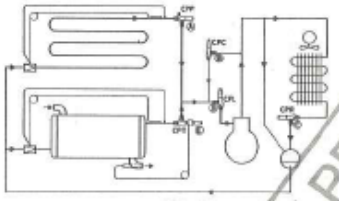

Fig. 5a

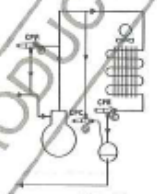

Fig. 5b

Reservedele

6	3N9360
7	48-0536
8	633X4001
9	34N9042

OUT OF PRODUCTION

DANSK

MONTERING
En CP-ventil kan monteres i vilkårlig stilling.

Type CPP. Jævntryksventil.
Ved stigende tryk på tilgangssiden åbner ventilen, såfremt trykket er over indstillingsværdien.
CPP monteres i sugeledningen som ventil »A«

Type CPR. Trykregulator/Afstrømningsventil.
Ved stigende tryk på tilgangssiden åbner ventilen, såfremt trykket er over indstillingsværdien.
Som trykregulator for kondensatorer, monteres CPR som ventil »C«. Anvendes systemet fig. 5a, foreslås følgende dimensioner for udligningsledningen mellem trykledning og receiver: ¼" for CPR 12 til 22, ½" for CPR 28 til 35.
Som afstrømningsventil monteres CPR i by-pass som ventil »F«.

Type CPL. Starbregulator. Ved stigende tryk på afgangssiden lukker ventilen såfremt trykket er over indstillingsværdien.
CPL monteres i sugeledning ved kompressor som ventil »D«.

Type CPC. Kapacitetsregulator/Receivertrykventil.
Ved faldende tryk på afgangssiden åbner ventilen, såfremt trykket er under indstillingsværdien.
Som kapacitetsregulator monteres CPC i by-pass som ventil »B«.
Som receivertrykventil monteres CPC som ventil »G«.

Type CPT. Termostatisk sugetryksventil.
Ventilen åbner ved stigende følertemperatur over indstillingsværdien.
CPT monteres som ventil »E«.

CPT regulerer i afhængighed af både føler- og fordampningstemperatur. Dens universalfyldning bevirker, at føleren kan placeres koldere eller varmere end det termostatiske element.

Type	Max. till. prøvetryk	Arbejdsområde	Max. till. temperatur
CPP 12-22	26,5 ato	0-6 ato	+100°C
CPP 28-35	24,0 ato		
CPR 12-22	26,5 ato	5-17,5 ato	
CPR 28-35	24,0 ato		
CPL 12-22	26,5 ato	0-4 ato	
CPL 28-35	24,0 ato		
CPC 12-22	26,5 ato	0-13 ato	
CPC 28-35	24,0 ato		
CPT 12-22	26,5 ato	Følertemp. -40° til +25°C	
CPT 28-35	24,0 ato		

LODDEUDFØRELSER:
Studse og rør renses før og efter ilodning. Ventilerne må ikke udsættes for temperaturer over +100°C. **Huset (4) omrikles med en våd klud under ledningen. Der anvendes mindst mulig flamme, og denne holdes væk fra huset.**

INDSTILLING:
Dækhætten (3) fjernes. Den ønskede indstillingsværdi opnås ved at spindelen (1) drejes. Drejning med uret (højre om) giver højere tryk hhv. temperatur og omvendt.

MANOMETERTILSLUTNING:
Når omløber og blændhætte (8) fjernes, lukker låsekuglen (5) automatisk.
Når omløberen igen spændes, presses niplen (6) mod pakningen (7), og der er åbent til manometeret.
Husk at **montere blændhætten** igen, når manometeret er fjernet efter indstillingen.

KØLEMIDLER:
R 12, R 22, R 500, R 502.

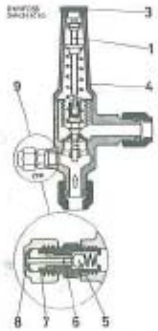

Fig. 1 CPP/CPR

Fig. 2 CPC/CPL

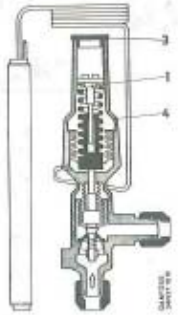

Fig. 3 CPT

Fig. 4

1. Regulating spindle/Spindel/Tige/Vástago regulador/Asta/Instelspindel/Kara/Шпиндель/
3. Protective cap/Kappe/Capuchon/Tapón-protector/Cappuccio/Beschermkap/Hatta/Колпак/
4. Valve body/Ventilgehäuse/Corps de vanne/Cuerpo de válvula/Corpo valvola/Ventielbuis/Ventiilipesä/Корпус клапана/
5. Locking ball/Sperrkugel/Bille de verrouillage/Bola de cierre/Valvola a sfera/Afsluitkogel/Ventiilikuula/Запорный шар/
6. Nipple/Nippel/Raccord/Raccord/Nipple/Nippel/Nippeli/Ниппель/
7. Seal/Dichtung/Garniture/Cierre/Guarnizione/Pakking/Tiivistä/Уплотнение/
8. Seal cap/Blendkappe/Couvre-capuchon/Tapón del cierre/Coppettotto de tenuta/Blende kap/Sokeslalpse/Колпак уплотнения/
9. 5, 6, 7, 8 Assembly/Einheit/Raccordement de manembre/Conjunto/Attacco/Manometersanstilling/Koottava/КОСТТЕНЫ/

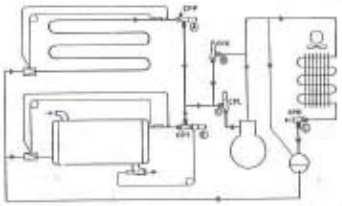

Fig. 5a

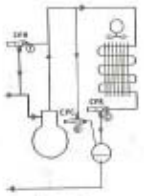

Fig. 5b

Spare Parts/Ersatzteile/Pièces de rechange/Piezas de recambio/Parti di cicambio/Onderdelen/Varaosat/запасные части

6	3N9360
7	48-0536
8	633X4001
9	34N9042

ENGLISH

Fitting
A CP valve can be fitted in any position.

Type CPP Constant-Pressure Valve
The valve opens if the pressure on the inlet side increases beyond the setting value.
CPP is fitted in the suction line as valve »A«.

Type CPR Pressure Regulator/Pressure-Relief Valve
The valve opens if the pressure on the inlet side increases beyond the setting value.
When used as a pressure regulator for condensers, CPR is fitted as valve »C«. If the system shown in Fig. 5a is used, the following dimensions are suggested for the pressure-equalizing line between the pressure line and the receiver: ¼ in for CPR 12 to 22, ½ in for CPR 28 to 35.
When used as a pressure-relief valve, CPR is fitted in a bypass as valve »F«.

Type CPL Crankcase Pressure Regulator
The valve closes if the pressure on the discharge side increases beyond the setting value.
CPL is fitted in the suction line at the compressor as valve »D«.

Type CPC Capacity Regulator/Receiver Pressure Valve
The valve opens if the pressure on the discharge side falls below the setting value.
When used as a capacity regulator, CPC is fitted in a bypass as valve »B«.
When used as a receiver pressure valve, CPC is fitted as valve »G«.

Type CPT Thermostatic Back-Pressure Valve
The valve opens when the bulb temperature exceeds the setting value.
CPT is fitted as valve »E«.
The regulation of CPT depends on both the bulb and evaporating temperatures. The universal charge enables the bulb to be placed at either a colder or warmer position than the power element.

SOLDER DESIGNS
Pipe connections and pipes must be cleaned before and after soldering. The valves should not be subjected to temperatures above +212°F (+100°C). **The valve body (4) must therefore be surrounded with a wet cloth, while the soldering flame should be as short as possible and be directed away from the valve body.**

SETTING
Remove the protective cap (3). The desired setting value is obtained by rotating the regulating spindle (1).
Clockwise rotation increases the pressure or temperature, and vice versa.

PRESSURE GAUGE CONNECTION
When the coupling nut and seal cap (8) are removed, the locking ball (5) automatically closes the connection.
When the coupling nut is retightened, the nipple (6) is pressed against the seal (7), and access is opened to the pressure gauge.
Remember to **replace the seal** cap when the pressure gauge has been removed after adjustment.

REFRIGERANTS:
R12, R 22, R 500, R 502.

Type	Max. permissible test pressure	Working range	Max. perm. temp.
	psig (atm.g)	psig (atm.g)	°F (°C)
CPP 12-22	380 (26.5)	0 - 85 (0 - 6)	+212 (+100)
CPP 28-35	345 (24)		
CPR 12-22	380 (26.5)	70 - 250 (5 - 17.5)	
CPR 28-35	345 (24)		
CPL 12-22	380 (26.5)	0 - 60 (0 - 4)	
CPL 28-35	345 (24)		
CPC 12-22	380 (26.5)	0 - 185 (0 - 13)	
CPC 28-35	345 (24)		
CPT 12-22	380 (26.5)	Bulb-temperature -40° - +77°F (-40° - +25°C)	
CPT 28-35	345 (24)		