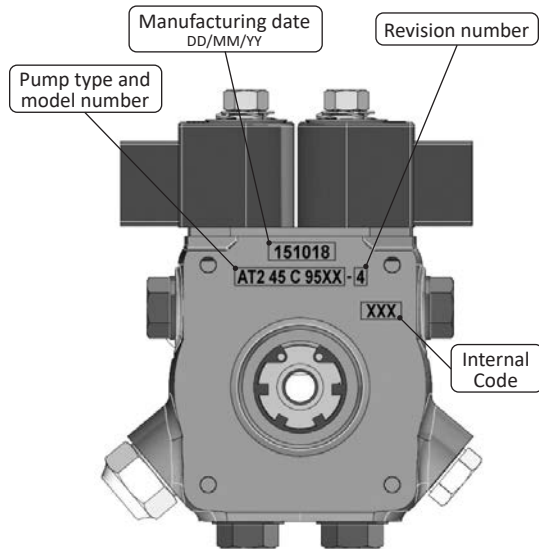
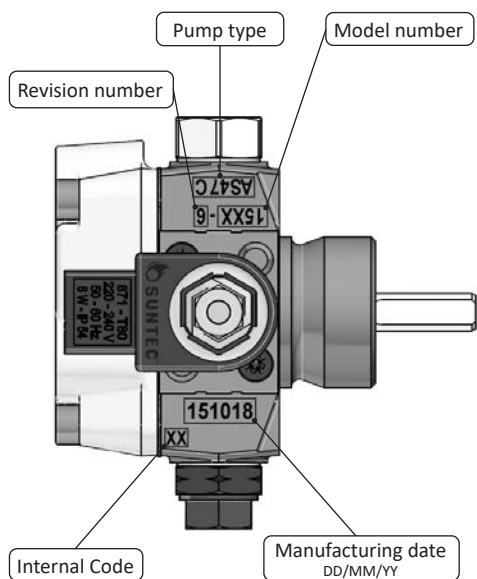


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1. SUNTEC pump identification



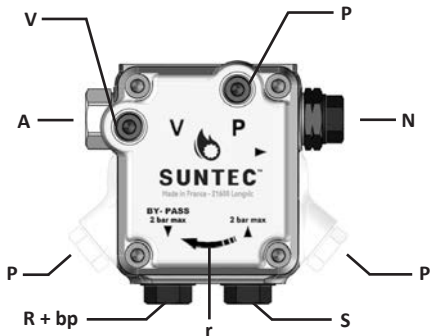
2. Connections

AN/AE/AS/AL/ALE pumps

- S : Suction G 1/8 or G 1/4
- N : Nozzle outlet G 1/8
- R : Return G 1/8 or G 1/4
- V : Vacuum gauge port G 1/8
- P : Pressure gauge port G 1/8
- A : Pressure adjustment
- r : Rotation direction
- bp : By-pass plug for 2-pipe operation

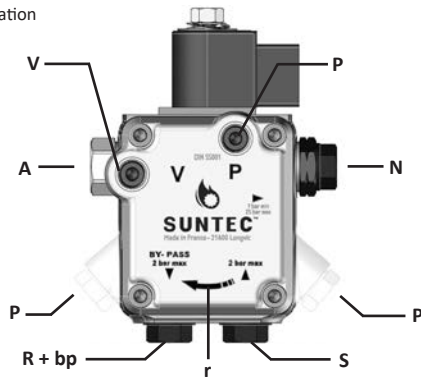
AN/AE

Figures are for "C" shaft rotation and nozzle outlet.



AS/AL/ALE

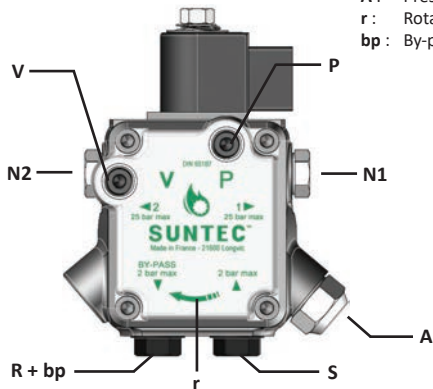
Figures are for "C" shaft rotation and nozzle outlet.



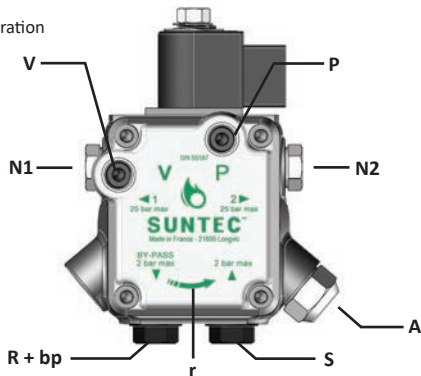
AUV one-stage service pump

- S : Suction G 1/4
- R : Return G 1/4
- N1 : Nozzle outlet G 1/8
- N2 : Optional nozzle outlet G 1/8
- V : Vacuum gauge port G 1/8
- P : Pressure gauge port G 1/8
- A : Pressure adjustment
- r : Rotation direction
- bp : By-pass plug for 2-pipe operation

AUV 47 L 9877 6P 0700

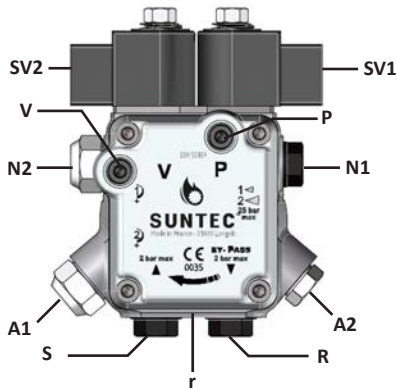


AUV 47 R 9876 6P 0700



Combined with a nozzle incorporating a cut-off function, these models allow to take advantage of the additional nozzle line pressure relief solenoid valve feature.

AT2/ATE2 pumps



- S : Suction G 1/4
- R : Return G 1/4
- N1 : Nozzle outlet G 1/8
- N2 : Optional nozzle outlet G 1/8
- SV1 : Blocking solenoid valve (NC)
- SV2 : Switching low/high modes (1/2)
- V : Vacuum gauge port G 1/8
- P : Pressure gauge port G 1/8
- A1 : Low pressure adjustment
- A2 : High pressure adjustment
- r : Rotation direction

ATUV two-stage service pump

S : Suction G 1/4

R : Return G 1/4

N1 : Nozzle outlet G 1/8

N2 : Optional nozzle outlet G 1/8

SV1 : Blocking solenoid valve (NC)

SV2 : Switching low/high modes (1/2)

V : Vacuum gauge port G 1/8

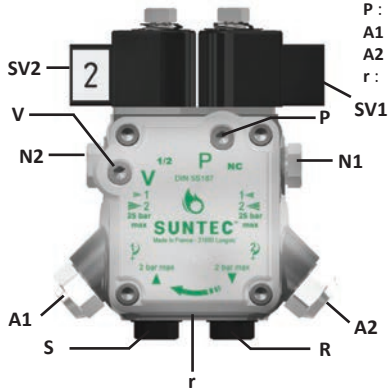
P : Pressure gauge port G 1/8

A1 : Low pressure adjustment

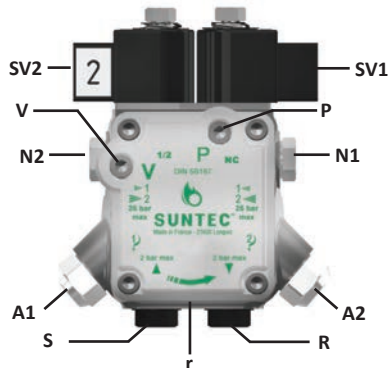
A2 : High pressure adjustment

r : Rotation direction

ATUV 45 L 9860 6P 0700



ATUV 45 R 9861 6P 0700



Combined with a nozzle incorporating a cut-off function, these models allow to take advantage of the additional nozzle line pressure relief solenoid valve feature.

3. Conversion SUNTEC AE, AS, AL, ALE -> SUNTEC AUV

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
AE 35C	98506P		AUV 47L	98776P07	kit 991401
AE 37C	13766P		AUV 47R	98766P07	AE : pressure gauge port on top of the body; kit 991401
AE 45C	13606P		AUV 47L	98776P07	kit 991401
AE 45C	13706M		AUV 47L	98776P07	convert to one-pipe configuration; keep nozzle connection from old pump; kit 991401 + 991557: G1/4-G1/8 adapters
AE 45C	13926P		AUV 47R	98766P07	kit 991401 + 991557 : G1/4-M14 connections
AE 45C	13016P		AUV 47L	98776P07	kit 991401
AE 45D	13086P		AUV 47L	98776P07	kit 991401
AE 45D	13076P		AUV 47L	98776P07	kit 991401
AE 47A	13846M		AUV 47R	98766P07	convert to one-pipe configuration + kit 991401
AE 47A	13846P		AUV 47R	98766P07	kit 991401
AE 47B	13666M		AUV 47R	98766P07	kit 991401
AE 47B	13666P		AUV 47R	98766P07	kit 991401
AE 47B	72674P		AUV 47R	98766P07	AE: 2 pressure ports on body; kit 991401 + 3759833
AE 47C	13976P		AUV 47L	98776P07	kit 991401
AE 47C	72743M		AUV 47L	98776P07	convert to one-pipe configuration; AE: 2 pressure ports on top of the body; kit 991401 + flange 3719003
AE 47C	13866P		AUV 47L	98776P07	AE : pressure range 2-12 bars; kit 991401
AE 47C	13876P		AUV 47L	98776P07	kit 991401

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
AE 47C	73684P		AUV 47L	98776P07	AE : 2 pressure ports on body; kit 991401
AE 47D	13786M		AUV 47L	98776P07	convert to one-pipe configuration + kit 991401
AE 47D	13856P		AUV 47L	98776P07	kit 991401
AEV 47B	17666P		AUV 47R	98766P07	kit 991401
AEV 47C	13986M		AUV 47L	98776P07	convert to one-pipe configuration
AEV 47C	13946P		AUV 47L	98776P07	kit 991401

3. Conversion SUNTEC AE, AS, AL, ALE -> SUNTEC AUV

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
AS 47A	74363P		AUV 47L	98776P07	AS : 2 pressure ports on body; hub 3759833
AS 47A	74324P07		AUV 47R	98766P07	AS : 2 pressure ports on body; flange 3719003
AS 47A	15366P07D		AUV 47R	98766P07	
AS 47A	75364P07		AUV 47R	98766P07	AS : 2 pressure ports on body
AS 47A	75924P07		AUV 47R	98766P07	AS : 2 pressure ports on body
AS 47A	15366M07		AUV 47R	98766P07	convert to one-pipe configuration
AS 47A	15896P07		AUV 47R	98766P07	
AS 47A	16196P02		AUV 47R	98766P07	replace coil by 3713823-SAV (24V AC)
AS 47A	75094P07		AUV 47R	98766P07	AS: 2 press ports on body; 991557: G1/4-G1/8 adapt
AS 47A	15366P07		AUV 47R	98766P07	
AS 47A K	15641P07		AUV 47R	98766P07	
AS 47A K	16136P07		AUV 47R	98766P07	
AS 47A K	74694P07K-DP		AUV 47R	98766P07	AS : 2 pressure ports on body; flange 3719003
AS 47A K	16126M07		AUV 47R	98766P07	convert to one-pipe configuration
AS 47A K	75644P07		AUV 47R	98766P07	AS : 2 pressure ports on body
AS 47A K	16026P07		AUV 47R	98766P07	
AS 47B	74706P07		AUV 47R	98766P07	AS : 2 pressure ports on body; flange 3719003
AS 47B	15376P02		AUV 47R	98766P07	replace coil by 3713823-SAV (24V AC)
AS 47B	74454P07		AUV 47R	98766P07	AS : 2 pressure ports on body; flange 3719003

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
AS 47B	15376M07		AUV 47R	98766P07	convert to one-pipe configuration
AS 47B	15376P07		AUV 47R	98766P07	
AS 47B K	15516P07		AUV 47R	98766P07	
AS 47C	15781P07		AUV 47L	98776P07	
AS 47C	75411P05		AUV 47L	98776P07	AS : 2 pressure ports on body; hub 3759833 if necessary
AS 47C	15691P05		AUV 47L	98776P07	
AS 47C	16031P05		AUV 47L	98776P07	
AS 47C	16206P06		AUV 47L	98776P07	replace coil by 3713824-SAV (110V AC)
AS 47C	16216P02		AUV 47L	98776P07	replace coil by 3713823-SAV (24V AC)
AS 47C	16256P07		AUV 47L	98776P07	
AS 47C	74384P07		AUV 47L	98776P07	AS : 2 pressure ports on body; hub 3759833
AS 47C	75383P05		AUV 47L	98776P07	AS : 2 pressure ports on body
AS 47C	15386P07		AUV 47L	98776P07	
AS 47C	74344P07		AUV 47L	98776P07	AS : 2 pressure ports on body; flange 3719003
AS 47C	74614P07		AUV 47L	98776P07	AS : 2 pressure ports on body; flange 3719003
AS 47C	15386M07		AUV 47L	98776P07	convert to one-pipe configuration
AS 47C	15386P06		AUV 47L	98776P07	replace coil by 3713824-SAV (110V AC)
AS 47C	15386P02		AUV 47L	98776P07	replace coil by 3713823-SAV (24V AC)
AS 47C	16046P07		AUV 47L	98776P07	
AS 47C	15386P07D		AUV 47L	98776P07	
AS 47C	16046P05		AUV 47L	98776P07	

3. Conversion SUNTEC AE, AS, AL, ALE -> SUNTEC AUV

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
AS 47C	74443P05		AUV 47L	98776P07	AS : 2 pressure ports on body; flange 3719003
AS 47C K	16236M07		AUV 47L	98776P07	convert to one-pipe configuration
AS 47C K	15826M07		AUV 47L	98776P07	AS : horizontal pressure port on body
AS 47C K	74514M07		AUV 47L	98776P07	AS : 2 pressure ports on body; flange 3719003
AS 47C K	16236P07		AUV 47L	98776P07	
AS 47C K	15546M07		AUV 47L	98776P07	convert to one-pipe configuration
AS 47C K	15826P07		AUV 47L	98776P07	AS : horizontal pressure port on body
AS 47C K	15546P07		AUV 47L	98776P07	
AS 47D	15681P05		AUV 47L	98776P07	kit 991557 : G1/8-M8 + G1/4-M14 connections
AS 47D	74394P07		AUV 47L	98776P07	AS : 2 pressure ports on body; hub 3759833
AS 47D	15966P07		AUV 47L	98776P07	
AS 47D	15506P07		AUV 47L	98776P07	
AS 47D	15396P07		AUV 47L	98776P07	
AS 47D	15576P07		AUV 47L	98776P07	
AS 47D	16226P02		AUV 47L	98776P07	replace coil by 3713823-SAV (24V AC)
AS 47D	16156P07		AUV 47L	98776P07	
AS 47D	74354P07		AUV 47L	98776P07	AS : 2 pressure ports on the body; flange 3719003
AS 47D K	15976M02		AUV 47L	98776P07	replace coil by 3713823-SAV (24V AC)
AS 47D K	15976P07		AUV 47L	98776P07	
AS 47D K	15866P07		AUV 47L	98776P07	

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
AS 47D K	15736M07		AUV 47L	98776P07	convert to one-pipe configuration
AS 47D K	15626P07		AUV 47L	98776P07	
AS 47D K	15976M07		AUV 47L	98776P07	convert to one-pipe configuration
ASV 47A	16576P07		AUV 47R	98766P07	
ASV 47A	16366P07		AUV 47R	98766P07	
ASV 47A	74724P07		AUV 47L	98776P07	AS : 2 pressure ports on the body; flange 3719003
ASV 47A K	16316P02		AUV 47R	98766P07	replace coil by 3713823-SAV (24V AC)
ASV 47A K	75124P07		AUV 47R	98766P07	AS : 2 pressure ports on body
ASV 47B	16166P07		AUV 47R	98766P07	
ASV 47B	16376P07		AUV 47R	98766P07	
ASV 47B	16186P07		AUV 47R	98766P07	
ASV 47C	16386P07		AUV 47L	98776P07	
ASV 47C	16276P07		AUV 47L	98776P07	
ASV 47C K	16826M07		AUV 47L	98776P07	AS : horizontal pressure port on body
ASV 47C K	16246M07		AUV 47L	98776P07	convert to one-pipe configuration
ASV 47C K	16296P07		AUV 47L	98776P07	
ASV 47C K	16826P07		AUV 47L	98776P07	AS : horizontal pressure port on body
ASV 47D	16966P07		AUV 47L	98776P07	
ASV 47D	16406P02		AUV 47L	98776P07	replace coil by 3713823-SAV (24V AC)

3. Conversion SUNTEC AE, AS, AL, ALE -> SUNTEC AUV

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
AL 30C	95354P05R		AUV 47L	98776P07	kit 991557 : G1/8-M8 connections
AL 30C	95374P05R		AUV 47L	98776P07	kit 991557 : G1/4-M10 + G1/8-M8 connections
AL 30C	95184P05		AUV 47L	98776P07	kit 991557 : G1/4-M10 + G1/4 - G1/8 connection + G1/8 - M8 nozzle connection
AL 30C K	95164P05R		AUV 47L	98776P07	kit 991557 : G1/4-M10 + G1/8-M8 connections
AL 35A	95014P06		AUV 47R	98766P07	replace coil by 3713824-SAV (110V AC)
AL 35A	95266M07		AUV 47R	98766P07	convert to one-pipe configuration
AL 35A	95964P07		AUV 47R	98766P07	AL : pressure port on body on nozzle side
AL 35A	95266P07		AUV 47R	98766P07	
AL 35A	95706P07		AUV 47R	98766P07	AL : pressure port on body on nozzle side
AL 35A	95266P05		AUV 47R	98766P07	
AL 35B	95804P07		AUV 47R	98766P07	AL : 2 pressure ports on body
AL 35C	95972P05		AUV 47L	98776P07	
AL 35C	95782P07		AUV 47L	98776P07	AL : 2 pressure ports on body
AL 35C	95036P07		AUV 47L	98776P07	
AL 35C	95336P05		AUV 47L	98776P07	
AL 35C	95536P05		AUV 47L	98776P07	
AL 35C	95422P05		AUV 47L	98776P07	
AL 35C	95212P05		AUV 47L	98776P07	
AL 35C	95452P05		AUV 47L	98776P07	kit 991557 : G1/8-M8 connections

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
AL 35C	95196P07		AUV 47L	98776P07	
AL 35C	95146P06		AUV 47L	98776P07	replace coil by 3713824-SAV (110V AC)
AL 35C	95286M07		AUV 47L	98776P07	convert to one-pipe configuration
AL 35C	95286P07		AUV 47L	98776P07	
AL 35C	95404P07		AUV 47L	98776P07	kit 991557 : G1/4-G1/8 adapters
AL 35C K	95364P07		AUV 47L	98776P07	AL : 2 pressure ports on body
AL 35D	95296P07		AUV 47L	98776P07	
ALV 30C	96084P07R		AUV 47L	98776P07	kit 991557 : G1/4-M10 + G1/8-M8 connections
ALV 30C	96114P07R		AUV 47L	98776P07	kit 991557 : G1/4-M10 + G1/8-M8 connections
ALV 30C K	96124P07R		AUV 47L	98776P07	kit 991557 : G1/4-M10 connections
ALV 35A	96266P07		AUV 47R	98766P07	
ALV 35C	95736P07		AUV 47L	98776P07	
ALV 35C	96146P06		AUV 47L	98776P07	replace coil by 3713824-SAV (110V AC)
ALV 35C	96196P07		AUV 47L	98776P07	
ALV 35C	96256P07		AUV 47L	98776P07	keep the AL pump nozzle connections
ALV 35C	96286P07		AUV 47L	98776P07	
ALV 35C	96404P07		AUV 47L	98776P07	kit 991557 : G1/4-G1/8 adapters
ALV 35D	96226P07		AUV 47L	98776P07	
ALV 35D	96296P07		AUV 47L	98776P07	

3. Conversion SUNTEC AE, AS, AL, ALE -> SUNTEC AUV

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
ALE 30C	93364P07		AUV 47L	98776P07	kit 991557: G1/4-G1/8 adapt. + G1/8-M8 connection
ALE 35C	93196P07		AUV 47L	98776P07	
ALE 35C	93336P05		AUV 47L	98776P07	
ALE 35C	93316P07		AUV 47L	98776P07	
ALE 35C	93216P07		AUV 47L	98776P07	
ALE 35C	93296P07		AUV 47L	98776P07	
ALE 35C	93344P07		AUV 47L	98776P07	ALE : 2 pressure ports on body
ALE 35C	93246P07		AUV 47L	98776P07	
ALE 35C	93276P07		AUV 47L	98776P07	ALE : 2 pressure ports on body
ALE 35C K	93286P07		AUV 47L	98776P07	ALE : 2 pressure ports on body
ALEV 30C	93004P07R		AUV 47L	98776P07	kit 991557: G1/4-G1/8 adapt. + G1/8-M8 connection
ALEV 35C	93396P07		AUV 47L	98776P07	
ALEV 35C	93144P07		AUV 47L	98776P07	ALE : 2 pressure ports on body
ALEV 35C	93176P07		AUV 47L	98776P07	
ALEV 35C	93566P07		AUV 47L	98776P07	
ALEV 35D	93376P07		AUV 47L	98776P07	

4. Conversion SUNTEC AT2, ATE2 -> SUNTEC AUV

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
AT2 45A	95744P07		ATUV 45L	98616P07	
AT2 45A	95474P07		ATUV 45L	98616P07	
AT2 45A K	95074P07F		ATUV 45L	98616P07	flange 3719003
AT2 45B	95066P07FC		ATUV 45L	98616P07	flange 3719003
AT2 45B K	96014P06		ATUV 45L	98616P07	replace coil by 3713824-SAV (110V AC)
AT2 45B K	96014P07		ATUV 45L	98616P07	
AT2 45C	95434P06		ATUV 45R	98606P07	replace coil by 3713824-SAV (110V AC)
AT2 45C	95414P07		ATUV 45R	98606P07	
AT2 45C	95634P07		ATUV 45R	98606P07	kit 991557 : nozzle fitting + G1/4-G1/8 I/R
AT2 45C	95944P07		ATUV 45R	98606P07	HP regulation on nozzle side
AT2 45C	95434P06		ATUV 45R	98606P07	replace coil by 3713824-SAV (110V AC)
AT2 45D	95386P07		ATUV 45R	98606P07	
AT2 45D	95134P07		ATUV 45R	98606P07	keep I/R and nozzle fittings from old pump
AT2 45D	95444P07		ATUV 45R	98606P07	
AT2 45D	95554P07		ATUV 45R	98606P07	keep I/R and nozzle fittings from old pump
AT2 45D K	95844P07		ATUV 45R	98606P07	
AT2 55B	95154P07		ATUV 45L	98616P07	
AT2 55B	94066P07		ATUV 45L	98616P07	flange 3719003
AT2 55C	95724P05		ATUV 45R	98606P07	

4. Conversion SUNTEC AT2, ATE2 -> SUNTEC AUV

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
AT2 55C	95044P07		ATUV 45R	98606P07	
AT2 55C	95494P07		ATUV 45R	98606P07	
AT2 55C	95494P07F		ATUV 45R	98606P07	flange 3719003
AT2 55C K	95714P05		ATUV 45R	98606P07	kit 991557 : nozzle fitting
AT2V 45A	96744P07		ATUV 45L	98616P07	
AT2V 45A	96474P07		ATUV 45L	98616P07	
AT2V 45A	92014P07		ATUV 45L	98616P07	
AT2V 45B	96516P07		ATUV 45L	98616P07	
AT2V 45C	96024P07		ATUV 45R	98606P07	kit 991557 : nozzle fitting + G1/4-G1/8 I/R
AT2V 45C	96044P07		ATUV 45R	98606P07	
AT2V 45C	96164P07		ATUV 45R	98606P07	
AT2V 45D	96154P07		ATUV 45R	98606P07	kit 991557 : nozzle fitting + G1/4-G1/8 I/R
AT2V 45D	96334P07-2		ATUV 45R	98606P07	
AT2V 45D	96034P07		ATUV 45R	98606P07	
AT2V 45D	96386P07		ATUV 45R	98606P07	
AT2V 55C	96494P07		ATUV 45R	98606P07	
AT2V 55C	96724P07		ATUV 45R	98606P07	
AT2V 55C K	96054P07		ATUV 45R	98606P07	kit 991557 : nozzle fitting
ATE2 55D	93534P07		ATUV 45R	98606P07	

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
ATE2 55D	93514P07-2		ATUV 45R	98606P07	
ATE2V 45C	93036P07		ATUV 45R	98606P07	
ATE2V 45C	93056P07		ATUV 45R	98606P07	
ATE2V 45C	93156P07		ATUV 45R	98606P07	
ATE2V 45C	93016P07		ATUV 45R	98606P07	
ATE2V 45C	93026P07		ATUV 45R	98606P07	
ATE2V 45C	93046P07		ATUV 45R	98606P07	
ATE2V 45C	93066P07		ATUV 45R	98606P07	
ATE2V 45C	93556P07		ATUV 45R	98606P07	
ATE2V 55D	93544P07-2		ATUV 45R	98606P07	

5. Conversion DANFOSS -> SUNTEC AUV

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
BFP 10 R3	071N0177		AUV 47R	98766P07	kit 991401
BFP 10 R3	071N0288		AUV 47R	98766P07	convert to one-pipe configuration + kit 991401
BFP 10 R5	071N0166		AUV 47R	98766P07	kit 991401
BFP 11 L3	071N0101		AUV 47L	98776P07	
BFP 11 L3	071N0114		AUV 47L	98776P07	
BFP 11 L3	071N0141		AUV 47L	98776P07	convert to one-pipe configuration
BFP 11 L3	071N0142		AUV 47L	98776P07	convert to one-pipe configuration
BFP 11 L3	071N0144		AUV 47L	98776P07	
BFP 11 L3	071N0146		AUV 47L	98776P07	
BFP 11 L3	071N0152		AUV 47L	98776P07	
BFP 11 L3	071N0153		AUV 47L	98776P07	replace coil by 3713823-SAV (24V AC)
BFP 11 L3	071N0184		AUV 47L	98776P07	
BFP 11 L3	071N0210		AUV 47L	98776P07	
BFP 11 L3	071N0213		AUV 47L	98776P07	
BFP 11 L3	071N7141		AUV 47L	98776P07	
BFP 11 L5	071N0105		AUV 47L	98776P07	
BFP 11 L5	071N0178		AUV 47L	98776P07	
BFP 11 R3	071N0143		AUV 47R	98766P07	

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
BFP 11 R3	071N0145		AUV 47R	98766P07	
BFP 11 R3	071N0155		AUV 47R	98766P07	
BFP 11 R3	071N0181		AUV 47R	98766P07	
BFP 11 R3	071N0183		AUV 47R	98766P07	
BFP 11 R3	071N7155		AUV 47R	98766P07	
BFP 20 L3	071N0108		AUV 47L	98776P07	kit 991401
BFP 20 L3	071N0125		AUV 47L	98776P07	kit 991401
BFP 20 L3	071N0127		AUV 47L	98776P07	kit 991401
BFP 20 L3	071N0161		AUV 47L	98776P07	kit 991401
BFP 20 L3	071N0212		AUV 47L	98776P07	kit 991401
BFP 20 L3	071N0267		AUV 47L	98776P07	kit 991401
BFP 20 L5	071N0126		AUV 47L	98776P07	kit 991401
BFP 20 R3	071N0118		AUV 47R	98766P07	kit 991401
BFP 20 R3	071N0128		AUV 47R	98766P07	kit 991401
BFP 20 R3	071N0162		AUV 47R	98766P07	kit 991401
BFP 20 R3	071N0169		AUV 47R	98766P07	kit 991401
BFP 20 R3	071N0229		AUV 47R	98766P07	kit 991401
BFP 20 R3	071N0298		AUV 47R	98766P07	convert to one-pipe configuration + kit 991401
BFP 20 R5	071N0129		AUV 47R	98766P07	kit 991401
BFP 20 R5	071N0180		AUV 47R	98766P07	kit 991401

5. Conversion DANFOSS -> SUNTEC AUV

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
BFP 21 L2	071N2123		AUV 47L	98776P07	
BFP 21 L3	071N0102		AUV 47L	98776P07	
BFP 21 L3	071N0103		AUV 47L	98776P07	
BFP 21 L3	071N0104		AUV 47L	98776P07	
BFP 21 L3	071N0111		AUV 47L	98776P07	
BFP 21 L3	071N0113		AUV 47L	98776P07	
BFP 21 L3	071N0119		AUV 47L	98776P07	
BFP 21 L3	071N0122		AUV 47L	98776P07	
BFP 21 L3	071N0123		AUV 47L	98776P07	replace coil by 3713824-SAV (110V AC)
BFP 21 L3	071N0130		AUV 47L	98776P07	
BFP 21 L3	071N0132		AUV 47L	98776P07	
BFP 21 L3	071N0147		AUV 47L	98776P07	
BFP 21 L3	071N0148		AUV 47L	98776P07	
BFP 21 L3	071N0150		AUV 47L	98776P07	
BFP 21 L3	071N0151		AUV 47L	98776P07	
BFP 21 L3	071N0156		AUV 47L	98776P07	convert to one-pipe configuration
BFP 21 L3	071N0164		AUV 47L	98776P07	
BFP 21 L3	071N0170		AUV 47L	98776P07	
BFP 21 L3	071N0175		AUV 47L	98776P07	

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
BFP 21 L3	071N0176		AUV 47L	98776P07	replace coil by 3713824-SAV (110V AC)
BFP 21 L3	071N0179		AUV 47L	98776P07	
BFP 21 L3	071N0182		AUV 47L	98776P07	
BFP 21 L3	071N0185		AUV 47L	98776P07	
BFP 21 L3	071N0189		AUV 47L	98776P07	replace coil by 3713823-SAV (24V AC)
BFP 21 L3	071N0193		AUV 47L	98776P07	
BFP 21 L3	071N0197		AUV 47L	98776P07	
BFP 21 L3	071N0204		AUV 47L	98776P07	
BFP 21 L3	071N0209		AUV 47L	98776P07	
BFP 21 L3	071N0217		AUV 47L	98776P07	
BFP 21 L3	071N0226		AUV 47L	98776P07	
BFP 21 L3	071N0228		AUV 47L	98776P07	
BFP 21 L3	071N0295		AUV 47L	98776P07	
BFP 21 L3	071N1214		AUV 47L	98776P07	convert to one-pipe configuration
BFP 21 L3	071N1217		AUV 47L	98776P07	
BFP 21 L3	071N1219		AUV 47L	98776P07	
BFP 21 L3	071N7170		AUV 47L	98776P07	
BFP 21 L3	071N2130		AUV 47L	98776P07	
BFP 21 L3	071N2103		AUV 47L	98776P07	
BFP 21 L3	071N2104		AUV 47L	98776P07	

5. Conversion DANFOSS -> SUNTEC AUV

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
BFP 21 L3	071N2108		AUV 47L	98776P07	
BFP 21 L3	071N2110		AUV 47L	98776P07	
BFP 21 L3	071N2112		AUV 47L	98776P07	
BFP 21 L3	071N2113		AUV 47L	98776P07	
BFP 21 L3	071N2114		AUV 47L	98776P07	
BFP 21 L3	071N2118		AUV 47L	98776P07	
BFP 21 L3	071N2119		AUV 47L	98776P07	
BFP 21 L3	071N3118		AUV 47L	98776P07	
BFP 21 L3	071N3119		AUV 47L	98776P07	
BFP 21 L3	071N4105		AUV 47L	98776P07	
BFP 21 L3	071N0233		AUV 47L	98776P07	
BFP 21 L3	071N0264		AUV 47L	98776P07	
BFP 21 L3	071N2116		AUV 47L	98776P07	
BFP 21 L3	071N2125		AUV 47L	98776P07	
BFP 21 L3	071N2128		AUV 47L	98776P07	
BFP 21 L3	071N2225		AUV 47L	98776P07	
BFP 21 L3	071N2303		AUV 47L	98776P07	
BFP 21 L3	071N3136		AUV 47L	98776P07	
BFP 21 L3	071N3225		AUV 47L	98776P07	

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
BFP 21 L5	071N0107		AUV 47L	98776P07	
BFP 21 L5	071N0116		AUV 47L	98776P07	
BFP 21 L5	071N0158		AUV 47L	98776P07	
BFP 21 L5	071N0172		AUV 47L	98776P07	
BFP 21 L5	071N0194		AUV 47L	98776P07	
BFP 21 L5	071N0202		AUV 47L	98776P07	
BFP 21 L5	071N0227		AUV 47L	98776P07	
BFP 21 L5	071N0292		AUV 47L	98776P07	
BFP 21 L5	071N7172		AUV 47L	98776P07	
BFP 21 L5	071N2131		AUV 47L	98776P07	
BFP 21 R3	071N0109		AUV 47R	98766P07	
BFP 21 R3	071N0112		AUV 47R	98766P07	
BFP 21 R3	071N0136		AUV 47R	98766P07	
BFP 21 R3	071N0154		AUV 47R	98766P07	
BFP 21 R3	071N0157		AUV 47R	98766P07	convert to one-pipe configuration
BFP 21 R3	071N0167		AUV 47R	98766P07	
BFP 21 R3	071N0171		AUV 47R	98766P07	
BFP 21 R3	071N0198		AUV 47R	98766P07	
BFP 21 R3	071N0208		AUV 47R	98766P07	
BFP 21 R3	071N0214		AUV 47R	98766P07	

5. Conversion DANFOSS -> SUNTEC AUV

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
BFP 21 R3	071N0215		AUV 47R	98766P07	
BFP 21 R3	071N0231		AUV 47R	98766P07	convert to one-pipe configuration
BFP 21 R3	071N1215		AUV 47R	98766P07	convert to one-pipe configuration
BFP 21 R3	071N7171		AUV 47R	98766P07	
BFP 21 R5	071N0120		AUV 47R	98766P07	
BFP 21 R5	071N0159		AUV 47R	98766P07	
BFP 21 R5	071N0163		AUV 47R	98766P07	
BFP 21 R5	071N0165		AUV 47R	98766P07	
BFP 21 R5	071N0173		AUV 47R	98766P07	
BFP 21 R5	071N0195		AUV 47R	98766P07	
BFP 21 R5	071N0207		AUV 47R	98766P07	
BFP 21 R5	071N7173		AUV 47R	98766P07	
BFP 31 L3	071N0115		AUV 47L	98776P07	
BFP 31 L3	071N0133		AUV 47L	98776P07	convert to one-pipe configuration
BFP 31 L3	071N0149		AUV 47L	98776P07	
BFP 31 L3	071N0190		AUV 47L	98776P07	
BFP 31 L3	071N0191		AUV 47L	98776P07	
BFP 31 L3	071N0192		AUV 47L	98776P07	
BFP 31 L3	071N1201		AUV 47L	98776P07	

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
BFP 31 L3	071N1203		AUV 47L	98776P07	
BFP 31 L3	071N2109		AUV 47L	98776P07	
BFP 41 L3	071N0135		AUV 47L	98776P07	
BFP 41 L3	071N0160		AUV 47L	98776P07	AUV : Coil on top
BFP 41 L3	071N0174		AUV 47L	98776P07	AUV : Coil on top
BFP 41 L3	071N0188		AUV 47L	98776P07	AUV : Coil on top
BFP 41 L3	071N0224		AUV 47L	98776P07	AUV : Coil on top
BFP 41 L3	071N0225		AUV 47L	98776P07	AUV : Coil on top
BFP 41 L3	071N1213		AUV 47L	98776P07	AUV : Coil on top
BFP 41 L3	071N7174		AUV 47L	98776P07	AUV : Coil on top
BFP 41 L3	071N3137		AUV 47L	98776P07	AUV : Coil on top
BFP 41 R3	0137/138		AUV 47R	98766P07	AUV : Coil on top
BFP 41 R3	071N0196		AUV 47R	98766P07	AUV : Coil on top
BFP 41 R3	071N0235		AUV 47R	98766P07	AUV : Coil on top
BFP 41 R3	071N7137		AUV 47R	98766P07	AUV : Coil on top
BFP 52 L6	071N6206		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52 R6	071N6227		ATUV 45	98616P07	ATUV : P1=2-12 bars, nozzle=up to 3 GPH @1,8 cSt & 5 GPH @5 cSt BFP52: P1=7-15 bars
BFP 52E L3	071N2201		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L3	071N2209		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars

5. Conversion DANFOSS -> SUNTEC AUV

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
BFP 52E L3	071N2211		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L3	071N2213		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L3	071N2264		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L3	071N3201		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L3 LE-S	071N2222		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L3 LE-S	071N3213		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L3 LE-S	071N3214		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L3 LE-S	071N3215		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L3 LE-S	071N4222		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L5	071N2202		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L5	071N2205		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L5	071N2212		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L5	071N2217		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L5	071N2220		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L5	071N2265		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L5	071N3202		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
BFP 52E R3	071N2203		ATUV 45	98616P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E R3	071N3203		ATUV 45	98616P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E R5	071N2204		ATUV 45	98616P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E R5	071N3204		ATUV 45	98616P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E R5	071N3204		ATUV 45	98616P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars

6. Conversion DELTA -> SUNTEC AUV

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
	A1-L1		AUV 47L	98776P07	convert to one-pipe configuration
	A1-L2		AUV 47L	98776P07	
	A1-R1		AUV 47R	98766P07	convert to one-pipe configuration
	A1-R2		AUV 47R	98766P07	
	A2-L1		AUV 47L	98776P07	convert to one-pipe configuration
	A2-L2		AUV 47L	98776P07	
	A2-R1		AUV 47R	98766P07	convert to one-pipe configuration
	A2-R2		AUV 47R	98766P07	
	VM1LL1		AUV 47L	98776P07	convert to one-pipe configuration
	VM1LL2		AUV 47L	98776P07	
	VM1LR1		AUV 47L	98776P07	convert to one-pipe configuration
	VM1LR2		AUV 47L	98776P07	
	VM1RL1		AUV 47R	98766P07	convert to one-pipe configuration
	VM1RL2		AUV 47R	98766P07	
	VM1RR1		AUV 47R	98766P07	convert to one-pipe configuration
	VM1RR2		AUV 47R	98766P07	
	VM2LL1		AUV 47L	98776P07	convert to one-pipe configuration
	VM2LL2		AUV 47L	98776P07	

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
	VM2LR1		AUV 47L	98776P07	convert to one-pipe configuration
	VM2LR2		AUV 47L	98776P07	
	VM2RL1		AUV 47R	98766P07	convert to one-pipe configuration
	VM2RL2		AUV 47R	98766P07	
	VM2RR1		AUV 47R	98766P07	convert to one-pipe configuration
	VM2RR2		AUV 47R	98766P07	

7. Conversion ECKERLE -> SUNTEC AUV

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
	UNI 1.2 L1 L64-50		AUV 47L	98776P07	kit 991557 : G1/4-G1/8 adapters
	UNI 1.2 L5 L14-50		AUV 47L	98776P07	
	UNI 1.2 L5 M14-50		AUV 47L	98776P07	
	UNI 1.2 L5 M64-50-W		AUV 47L	98776P07	kit 991557 : G1/4-G1/8 adapters
	UNI 1.42 L6 A64-W		ATUV 45L	98606P07	kit 991557 : G1/4-G1/8 adapters
	UNI 2.12 L1 L14		AUV 47L	98776P07	
	UNI 2.12 L1 L64		AUV 47L	98776P07	kit 991557 : G1/4-G1/8 adapters
	UNI 2.12 L1 M14		AUV 47L	98776P07	
	UNI 2.12 L1 M64		AUV 47L	98776P07	kit 991557 : G1/4-G1/8 adapters
	UNI 2.12 L1 M64-65		AUV 47L	98776P07	kit 991557 : G1/4-G1/8 adapters
	UNI 2.2 L1 L14-21		AUV 47L	98776P07	
	UNI 2.2 L1 L16-K1-21		AUV 47L	98776P07	flange 3719003
	UNI 2.2 L1 R14-C1-21		AUV 47L	98776P07	
	UNI 2.2 L5 L14-21-05		AUV 47L	98776P07	
	UNI 2.2 L5 L14-Q-21		AUV 47L	98776P07	
	UNI 2.2 L5 L15-21-05		AUV 47L	98776P07	hub 3759833
	UNI 2.2 L5 L42		AUV 47L	98776P07	hub 3759833
	UNI 2.2 L5 M14-C1		AUV 47L	98776P07	

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
	UNI 2.2 L5 S20-21		AUV 47L	98776P07	
	UNI 2.2 L5 S20-21-BUD		AUV 47L	98776P07	
	UNI 2.2 L5 S74-05		AUV 47L	98776P07	kit 991557 : G1/4-G1/8 adapters
	UNI 2.2 R1 L40		AUV 47R	98766P07	
	UNI 2.2 R1 M14-21-05		AUV 47R	98766P07	
	UNI 2.2 R1 R24		AUV 47R	98766P07	
	UNI 2.2 R5 L14-21-05		AUV 47R	98766P07	
	UNI 2.2 R5 M45		AUV 47R	98766P07	hub 3759833
	UNI 2.2 R5 R14-21		AUV 47R	98766P07	
	UNI 2.2 R5 R60-21		AUV 47R	98766P07	kit 991557 : G1/4-G1/8 adapters
	UNI 2.2 R5 S60		AUV 47R	98766P07	kit 991557 : G1/4-G1/8 adapters
	UNI 2.4 L5 S24		ATUV 45L	98606P07	
	UNI 2.42 L5 L64-65		ATUV 45L	98606P07	kit 991557 : G1/4-G1/8 adapters
	UNI 2.42 R5 R70		ATUV 45R	98616P07	kit 991557 : G1/4-G1/8 adapters
	UNI 2.42 R5 R70-ET		ATUV 45R	98616P07	kit 991557 : G1/4-G1/8 adapters
	UNI-E2.1 G41-13		AUV 47L	98776P07	kit 991401
	UNI-E 2.1 L5 L14-13		AUV 47L	98776P07	kit 991401
	UNI-E 2.1 L5 R14-13		AUV 47L	98776P07	kit 991401

7. Conversion ECKERLE -> SUNTEC AUV

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
	UNI-E 2.2 L1 L10		AUV 47L	98776P07	
	UNI-E 2.2 L1 L14		AUV 47L	98776P07	
	UNI-E 2.2 L1 L16-10		AUV 47L	98776P07	flange 3719003
	UNI-E 2.2 L1 R14-12		AUV 47L	98776P07	
	UNI-E 2.2 L5 L12		AUV 47L	98776P07	hub 3759833
	UNI-E 2.2 L5 L14		AUV 47L	98776P07	
	UNI-E 2.2 L5 L14-92		AUV 47L	98776P07	
	UNI-E 2.2 L5 L15		AUV 47L	98776P07	hub 3759833
	UNI-E 2.2 L5 L60		AUV 47L	98776P07	kit 991557 : G1/4-G1/8 adapters
	UNI-E 2.2 L5 M14-12		AUV 47L	98776P07	
	UNI-E 2.2 L5 S20		AUV 47L	98776P07	
	UNI-E 2.2 L5 S20-BUD		AUV 47L	98776P07	
	UNI-E 2.2 L5 S74		AUV 47L	98776P07	kit 991557 : G1/4-G1/8 adapters
	UNI-E 2.2 R1 L10		AUV 47R	98766P07	
	UNI-E 2.2 R1 M14		AUV 47R	98766P07	
	UNI-E 2.2 R1 R24		AUV 47R	98766P07	
	UNI-E 2.2 R1 S14		AUV 47R	98766P07	
	UNI-E 2.2 R5 L14		AUV 47R	98766P07	
	UNI-E 2.2 R5 M14		AUV 47R	98766P07	

TYPE	REFERENCE	→	TYPE	REFERENCE	REMARKS
	UNI-E 2.2 R5 M15		AUV 47R	98766P07	hub 3759833
	UNI-E 2.2 R5 R14		AUV 47R	98766P07	
	UNI-E 2.2 R5 R60		AUV 47R	98766P07	kit 991557 : G1/4-G1/8 adapters
	UNI-E 2.2 R5 S14		AUV 47R	98766P07	
	UNI-E 2.2 R5 S60		AUV 47R	98766P07	kit 991557 : G1/4-G1/8 adapters
	UNI-E 2.4 L5 S24		ATUV 45L	98606P07	
	UNI-E 2.42 R5 R70		ATUV 45R	98616P07	

8. FAQs

8.1 Pump is not running

Check if...	Probable explanation	Solution
...the motor is turning.		
YES	Motor coupling is defective or has come loose	Check coupling and repair or replace as appropriate.
NO	Pump has seized	Remove pump cover and check pump. If rust and / or an abnormal amount of dirt are found, check tank for water and check condition of filters. Replace pump.
	Motor does not work	Test motor and connections and repair or replace if necessary, having first examined the pump.

8.2 Pump is running but does not deliver oil

Check if...	Probable explanation	Solution
...oil flows out of the high-pressure port when it is loosened.		
YES	Nozzle or in-line solenoid valve is blocked	Inspect nozzle and valve for blockage (dirt, grit, fuel,...)
	Solenoid valve or pressure regulator is defective	Switch on the coil and check for magnetic pull. If there is no pull, check the current. If the current is OK, change the coil. When the coil is in order, check the pressure regulating valve or replace the pump.

Check if...	Probable explanation	Solution
...no oil flows from the high-pressure port when it is loosened.		
NO	Oil level in tank is low	Check tank and refill.
	Inlet pipe valve is closed	Open the valve.
	On a new installation, the check valve is the wrong way round	Check that all valves are facing the right way.
...and vacuum gauge shows a high vacuum.		
YES	Blockage up-stream	Check in-line filter and non-return valve.
	Pipe is undersized	Check pipe dimensions.

Check if...	Probable explanation	Solution
...no oil flows from the high-pressure port when it is loosened.		
...and vacuum gauge shows a low vacuum.		
YES	Pump filter is plugged	Remove pump cover and check filter condition.
	Air leak	Check the tightness of pump cover (especially if the filter has recently been changed/cleaned) and check the cover gasket.
	Pipe is oversized	Very important for one-pipe systems. Check pipe diameter.
	Pump rotates in a wrong way	If the installation is new, be sure that motor and pump rotation are the same. A pump turning in the wrong direction can not draw oil.
	By-pass plug is missing in two-pipe installation	Check if the by-pass plug is installed.

Check if...	Probable explanation	Solution
...no oil flows from the high-pressure port when it is loosened.		
...and vacuum gauge shows a low vacuum.		
YES	Suction and return lines have been swapped	Check they have been correctly fitted.
	Pump is worn out	Check this by carrying out a pressure test.

8.3 Nozzle pressure is too high / too low

Check if...	Probable explanation	Solution
...the pressure can be adjusted.		
...and pressure gauge shows a low pressure.		
YES	Pump is not properly sized for the nozzle performance (remembering fuel viscosity) or any hydraulic attachments i.e. hydraulically opened air flap	Change pump or nozzle as appropriate.
	Pump is worn out	Check this by carrying out a pressure test. Replace pump.
...and pressure gauge shows a high pressure.		
YES	Dirt in regulating valve	Dismantle pressure regulator or replace pump.

Check if...	Probable explanation	Solution
...the pressure can be adjusted.		
...and the pump pressure oscillates.		
YES	Air in the oil	Check vacuum does not exceed 0,45 bars. Check suction line for leaks.
	Pressure regulating valve is defective or clogged	Dismantle pressure regulator or replace pump.
	Motor coupling is slipping	Check coupling and check for speed variations.
...the pressure can not be adjusted.		
...and the pressure is constantly too high or too low.		
YES	Pressure regulating valve is defective or clogged	Dismantle pressure regulator or replace pump.
NO	Pressure gauge is defective or incorrectly installed	Check pressure gauge. Bleed when fitting.

8.4 The oil pump makes noise

Check if...	Probable explanation	Solution
...an increasingly loud whine is coming from the pump.		
YES	Vacuum is too high (check with a vacuum gauge)	Check for closed valves, blocked filters, check valves that are stuck.
...the pump generates a cracking noise and the pressure gauge oscillates.		
YES	Air bubbles in the suction line	Check suction line for leaks. Bleed pump if installation is one-pipe.

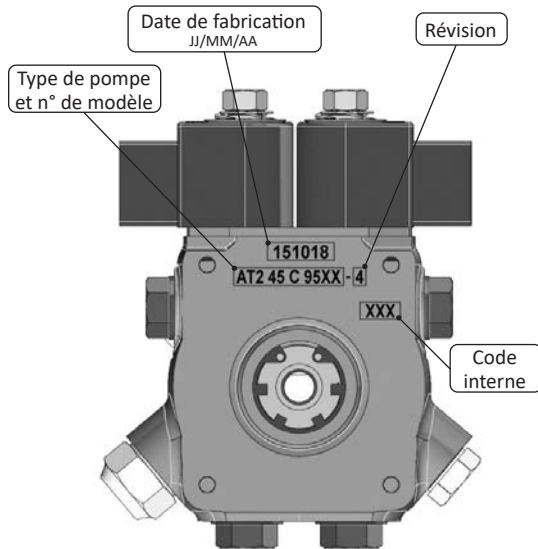
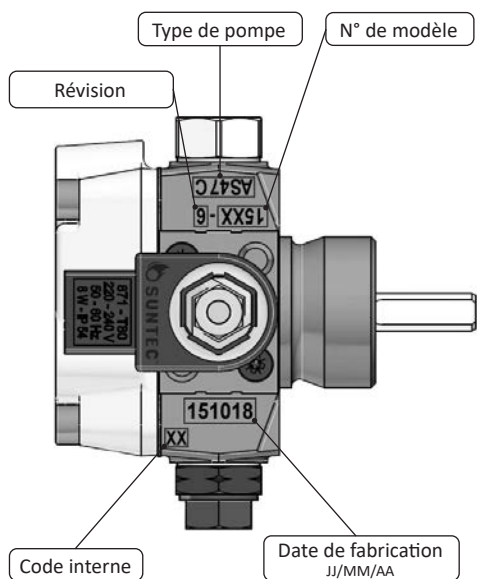
8.5 Excessive pump temperature

Check if...	Probable explanation	Solution
...a small nozzle flow is used with a one-pipe installation.		
YES	Heat build-up from recirculation in pump plus heat radiated from motor etc.	Convert to two-pipe or fit filter upstream from pump with return from pump to filter. This circulation outside of the burner will help to cool the system.

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1. Identification d'une pompe SUNTEC



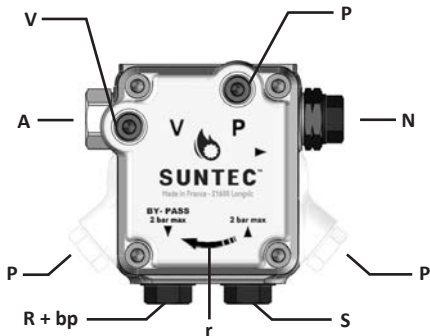
2. Raccordements

Pompes AN/AE/AS/AL/ALE

- S : Aspiration G 1/8 ou G 1/4
- N : Sortie gicleur G 1/8
- R : Retour G 1/8 ou G 1/4
- V : Prise vacuomètre G 1/8
- P : Prise manomètre G 1/8
- A : Réglage de la pression
- r : Sens de rotation
- bp : Bouchon de dérivation pour application bitube

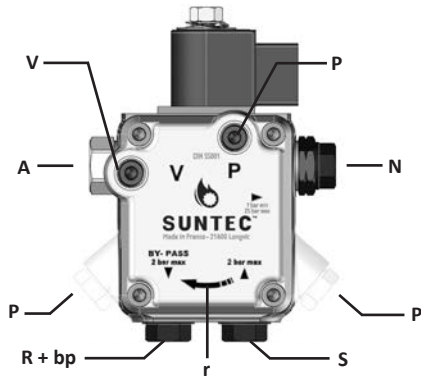
AN/AE

Les dessins correspondent à une rotation et sortie gicleur "C".



AS/AL/ALE

Les dessins correspondent à une rotation et sortie gicleur "C".



Pompe universelle 1 allure AUV

S : Aspiration G 1/4

R : Retour G 1/4

N1 : Sortie gicleur G 1/8

N2 : Sortie gicleur possible G 1/8

V : Prise vacuomètre G 1/8

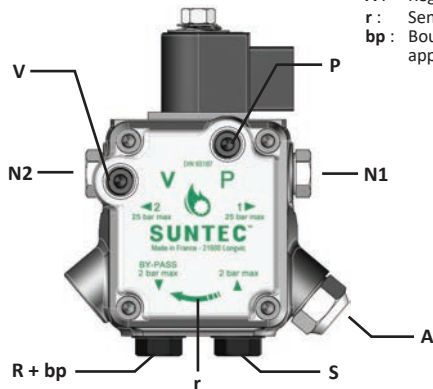
P : Prise manomètre G 1/8

A : Réglage de la pression

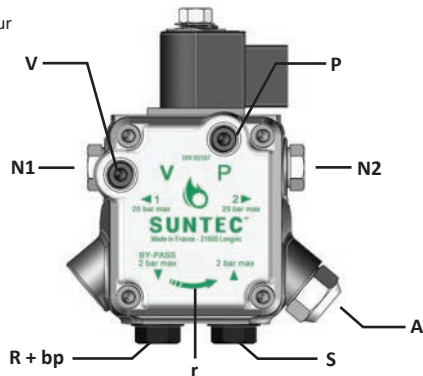
r : Sens de rotation

bp : Bouchon de dérivation pour application bitube

AUV 47 L 9877 6P 0700

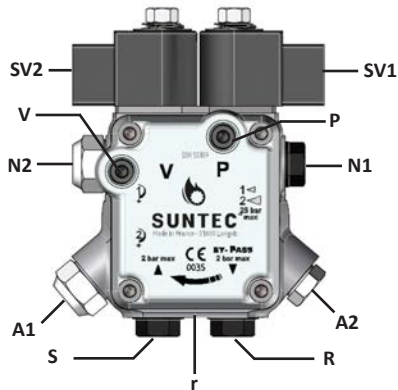


AUV 47 R 9876 6P 0700



Associés à un gicleur avec fonction de coupure, ces modèles vous offrent une fonction supplémentaire de décharge de ligne gicleur assurée par l'électrovanne.

Pompes AT2/ATE2

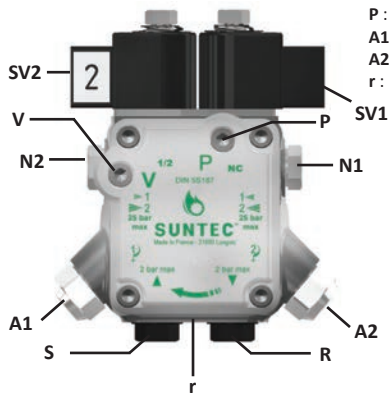


- S** : Aspiration G 1/4
- R** : Retour G 1/4
- N1** : Sortie gicleur G 1/8
- N2** : Sortie gicleur possible G 1/8
- SV1** : Électrovanne de coupure (NC)
- SV2** : Commutation basse/haute pression (1/2)
- V** : Prise vacuomètre G 1/8
- P** : Prise manomètre G 1/8
- A1** : Réglage basse pression
- A2** : Réglage haute pression
- r** : Sens de rotation

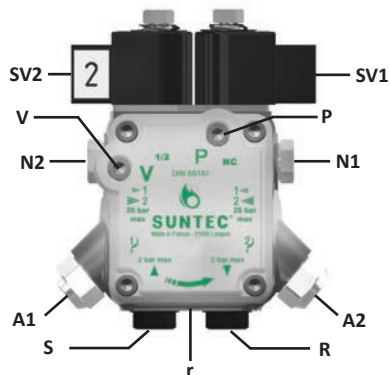
Pompe universelle 2 allures ATUV

- S : Aspiration G 1/4
- R : Retour G 1/4
- N1 : Sortie gicleur G 1/8
- N2 : Sortie gicleur possible G 1/8
- SV1 : Électrovanne de coupure (NC)
- SV2 : Commutation basse/haute pression (1/2)
- V : Prise vacuomètre G 1/8
- P : Prise manomètre G 1/8
- A1 : Réglage basse pression
- A2 : Réglage haute pression
- r : Sens de rotation

ATUV 45 L 9860 6P 0700



ATUV 45 R 9861 6P 0700



Associés à un gicleur avec fonction de coupure, ces nouveaux modèles vous offrent une fonction supplémentaire de décharge de ligne gicleur assurée par l'électrovanne.

3. Conversion SUNTEC AE, AS, AL, ALE -> SUNTEC AUV

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
AE 35C	98506P		AUV 47L	98776P07	kit 991401
AE 37C	13766P		AUV 47R	98766P07	AE : prise manomètre sur le haut du corps; kit 991401
AE 45C	13606P		AUV 47L	98776P07	kit 991401
AE 45C	13706M		AUV 47L	98776P07	à convertir en monotube; garder le raccord gicleur de l'ancienne pompe; kit 991401 + 991557: réducteurs G1/4-G1/8
AE 45C	13926P		AUV 47R	98766P07	kit 991401 + 991557 : raccords G1/4-M14
AE 45C	13016P		AUV 47L	98776P07	kit 991401
AE 45D	13086P		AUV 47L	98776P07	kit 991401
AE 45D	13076P		AUV 47L	98776P07	kit 991401
AE 47A	13846M		AUV 47R	98766P07	à convertir en monotube + kit 991401
AE 47A	13846P		AUV 47R	98766P07	kit 991401
AE 47B	13666M		AUV 47R	98766P07	kit 991401
AE 47B	13666P		AUV 47R	98766P07	kit 991401
AE 47B	72674P		AUV 47R	98766P07	AE : 2 prises manomètre sur le corps; kit 991401 + 3759833
AE 47C	13976P		AUV 47L	98776P07	kit 991401
AE 47C	13866P		AUV 47L	98776P07	AE : gamme de pression 2-12 bars; kit 991401
AE 47C	13876P		AUV 47L	98776P07	kit 991401
AE 47C	72743M		AUV 47L	98776P07	à convertir en monotube; AE : 2 prises de pression sur le haut du corps; kit 991401 + bride 3719003

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
AE 47C	73684P		AUV 47L	98776P07	AE : 2 prises manomètre sur le corps; kit 991401
AE 47D	13786M		AUV 47L	98776P07	à convertir en monotube + kit 991401
AE 47D	13856P		AUV 47L	98776P07	kit 991401
AEV 47B	17666P		AUV 47R	98766P07	kit 991401
AEV 47C	13986M		AUV 47L	98776P07	à convertir en monotube
AEV 47C	13946P		AUV 47L	98776P07	kit 991401

3. Conversion SUNTEC AE, AS, AL, ALE -> SUNTEC AUV

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
AS 47A	74363P		AUV 47L	98776P07	AS : 2 prises de pression sur le corps; moyeu 3759833
AS 47A	74324P07		AUV 47R	98766P07	AS : 2 prises de pression sur le corps; bride 3719003
AS 47A	15366P07D		AUV 47R	98766P07	
AS 47A	75364P07		AUV 47R	98766P07	AS : 2 prises de pression sur le corps
AS 47A	75924P07		AUV 47R	98766P07	AS : 2 prises de pression sur le corps
AS 47A	15366M07		AUV 47R	98766P07	à convertir en monotube
AS 47A	15896P07		AUV 47R	98766P07	
AS 47A	16196P02		AUV 47R	98766P07	remplacer la bobine par 3713823-SAV (24V AC)
AS 47A	75094P07		AUV 47R	98766P07	AS : 2 prises de pression sur le corps; kit 991557: réducteurs G1/4 - G1/8
AS 47A	15366P07		AUV 47R	98766P07	
AS 47A K	15641P07		AUV 47R	98766P07	
AS 47A K	16136P07		AUV 47R	98766P07	
AS 47A K	74694P07K-DP		AUV 47R	98766P07	AS : 2 prises de pression sur le corps; bride 3719003
AS 47A K	16126M07		AUV 47R	98766P07	à convertir en monotube
AS 47A K	75644P07		AUV 47R	98766P07	AS : 2 prises de pression sur le corps
AS 47A K	16026P07		AUV 47R	98766P07	
AS 47B	74706P07		AUV 47R	98766P07	AS : 2 prises de pression sur le corps; bride 3719003
AS 47B	15376P02		AUV 47R	98766P07	remplacer la bobine par 3713823-SAV (24V AC)

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
AS 47B	74454P07		AUV 47R	98766P07	AS : 2 prises de pression sur le corps; bride 3719003
AS 47B	15376M07		AUV 47R	98766P07	à convertir en monotube
AS 47B	15376P07		AUV 47R	98766P07	
AS 47B K	15516P07		AUV 47R	98766P07	
AS 47C	15781P07		AUV 47L	98776P07	
AS 47C	75411P05		AUV 47L	98776P07	AS : 2 prises de pression sur le corps; moyeu 3759833 si nécessaire
AS 47C	15691P05		AUV 47L	98776P07	
AS 47C	16031P05		AUV 47L	98776P07	
AS 47C	16206P06		AUV 47L	98776P07	remplacer la bobine par 3713824-SAV (110V AC)
AS 47C	16216P02		AUV 47L	98776P07	remplacer la bobine par 3713823-SAV (24V AC)
AS 47C	16256P07		AUV 47L	98776P07	
AS 47C	74384P07		AUV 47L	98776P07	AS : 2 prises de pression sur le corps; moyeu 3759833
AS 47C	75383P05		AUV 47L	98776P07	AS : 2 prises de pression sur le corps
AS 47C	15386P07		AUV 47L	98776P07	
AS 47C	74344P07		AUV 47L	98776P07	AS : 2 prises de pression sur le corps; bride 3719003
AS 47C	74614P07		AUV 47L	98776P07	AS : 2 prises de pression sur le corps; bride 3719003
AS 47C	15386M07		AUV 47L	98776P07	à convertir en monotube
AS 47C	15386P06		AUV 47L	98776P07	remplacer la bobine par 3713824-SAV (110V AC)
AS 47C	15386P02		AUV 47L	98776P07	remplacer la bobine par 3713823-SAV (24V AC)
AS 47C	16046P07		AUV 47L	98776P07	
AS 47C	15386P07D		AUV 47L	98776P07	

3. Conversion SUNTEC AE, AS, AL, ALE -> SUNTEC AUV

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
AS 47C	16046P05		AUV 47L	98776P07	
AS 47C	74443P05		AUV 47L	98776P07	AS : 2 prises de pression sur le corps; bride 3719003
AS 47C K	16236M07		AUV 47L	98776P07	à convertir en monotube
AS 47C K	15826M07		AUV 47L	98776P07	AS : prise de pression horizontale sur le corps
AS 47C K	74514M07		AUV 47L	98776P07	AS : 2 prises de pression sur le corps; bride 3719003
AS 47C K	16236P07		AUV 47L	98776P07	
AS 47C K	15546M07		AUV 47L	98776P07	à convertir en monotube
AS 47C K	15826P07		AUV 47L	98776P07	AS : prise de pression horizontale sur le corps
AS 47C K	15546P07		AUV 47L	98776P07	
AS 47D	15681P05		AUV 47L	98776P07	kit 991557 : raccords G1/8-M8 + G1/4-M14
AS 47D	74394P07		AUV 47L	98776P07	AS : 2 prises de pression sur le corps; moyeu 3759833
AS 47D	15966P07		AUV 47L	98776P07	
AS 47D	15506P07		AUV 47L	98776P07	
AS 47D	15396P07		AUV 47L	98776P07	
AS 47D	15576P07		AUV 47L	98776P07	
AS 47D	16226P02		AUV 47L	98776P07	remplacer la bobine par 3713823-SAV (24V AC)
AS 47D	16156P07		AUV 47L	98776P07	
AS 47D	74354P07		AUV 47L	98776P07	
AS 47D K	15976M02		AUV 47L	98776P07	remplacer la bobine par 3713823-SAV (24V AC)

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
AS 47D K	15976P07		AUV 47L	98776P07	
AS 47D K	15866P07		AUV 47L	98776P07	
AS 47D K	15736M07		AUV 47L	98776P07	à convertir en monotube
AS 47D K	15626P07		AUV 47L	98776P07	
AS 47D K	15976M07		AUV 47L	98776P07	à convertir en monotube
ASV 47A	16576P07		AUV 47R	98766P07	
ASV 47A	16366P07		AUV 47R	98766P07	
ASV 47A	74724P07		AUV 47L	98776P07	
ASV 47A K	16316P02		AUV 47R	98766P07	remplacer la bobine par 3713823-SAV (24V AC)
ASV 47A K	75124P07		AUV 47R	98766P07	AS : 2 prises de pression sur le corps
ASV 47B	16166P07		AUV 47R	98766P07	
ASV 47B	16376P07		AUV 47R	98766P07	
ASV 47B	16186P07		AUV 47R	98766P07	
ASV 47C	16386P07		AUV 47L	98776P07	
ASV 47C	16276P07		AUV 47L	98776P07	
ASV 47C K	16826M07		AUV 47L	98776P07	AS : prise de pression horizontale sur le corps
ASV 47C K	16246M07		AUV 47L	98776P07	à convertir en monotube
ASV 47C K	16296P07		AUV 47L	98776P07	
ASV 47C K	16826P07		AUV 47L	98776P07	AS : prise de pression horizontale sur le corps
ASV 47D	16966P07		AUV 47L	98776P07	
ASV 47D	16406P02		AUV 47L	98776P07	remplacer la bobine par 3713823-SAV (24V AC)

3. Conversion SUNTEC AE, AS, AL, ALE -> SUNTEC AUV

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
AL 30C	95354P05R		AUV 47L	98776P07	kit 991557 : raccords G1/8-M8
AL 30C	95374P05R		AUV 47L	98776P07	kit 991557 : raccords G1/4-M10 + G1/8-M8
AL 30C	95184P05		AUV 47L	98776P07	kit 991557 : raccord G1/4-M10 + raccord G1/4 - G1/8 + raccord gicleur G1/8 - M8
AL 30C K	95164P05R		AUV 47L	98776P07	kit 991557 : raccords G1/4-M10 + G1/8-M8
AL 35A	95014P06		AUV 47R	98766P07	remplacer la bobine par 3713824-SAV (110V AC)
AL 35A	95266M07		AUV 47R	98766P07	à convertir en monotube
AL 35A	95964P07		AUV 47R	98766P07	AL : prise de pression latérale sur le corps côté gicleur
AL 35A	95266P07		AUV 47R	98766P07	
AL 35A	95706P07		AUV 47R	98766P07	AL : prise de pression latérale sur le corps côté gicleur
AL 35A	95266P05		AUV 47R	98766P07	
AL 35B	95804P07		AUV 47R	98766P07	AL : 2 prises de pression sur le corps
AL 35C	95972P05		AUV 47L	98776P07	
AL 35C	95782P07		AUV 47L	98776P07	AL : 2 prises de pression sur le corps
AL 35C	95036P07		AUV 47L	98776P07	
AL 35C	95336P05		AUV 47L	98776P07	
AL 35C	95536P05		AUV 47L	98776P07	
AL 35C	95422P05		AUV 47L	98776P07	
AL 35C	95212P05		AUV 47L	98776P07	

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
AL 35C	95452P05		AUV 47L	98776P07	kit 991557 : raccords G1/8-M8
AL 35C	95196P07		AUV 47L	98776P07	
AL 35C	95146P06		AUV 47L	98776P07	remplacer la bobine par 3713824-SAV (110V AC)
AL 35C	95286M07		AUV 47L	98776P07	à convertir en monotube
AL 35C	95286P07		AUV 47L	98776P07	
AL 35C	95404P07		AUV 47L	98776P07	kit 991557: réducteurs G1/4-G1/8
AL 35C K	95364P07		AUV 47L	98776P07	AL : 2 prises de pression sur le corps
AL 35D	95296P07		AUV 47L	98776P07	
ALV 30C	96084P07R		AUV 47L	98776P07	kit 991557 : raccords G1/4-M10 + G1/8-M8
ALV 30C	96114P07R		AUV 47L	98776P07	kit 991557 : raccords G1/4-M10 + G1/8-M8
ALV 30C K	96124P07R		AUV 47L	98776P07	kit 991557 : raccord G1/4-M10
ALV 35A	96266P07		AUV 47R	98766P07	
ALV 35C	95736P07		AUV 47L	98776P07	
ALV 35C	96146P06		AUV 47L	98776P07	remplacer la bobine par 3713824-SAV (110V AC)
ALV 35C	96196P07		AUV 47L	98776P07	
ALV 35C	96256P07		AUV 47L	98776P07	garder raccord gicleur de l'ancienne pompe
ALV 35C	96286P07		AUV 47L	98776P07	
ALV 35C	96404P07		AUV 47L	98776P07	kit 991557: réducteurs G1/4-G1/8
ALV 35D	96226P07		AUV 47L	98776P07	
ALV 35D	96296P07		AUV 47L	98776P07	

3. Conversion SUNTEC AE, AS, AL, ALE -> SUNTEC AUV

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
ALE 30C	93364P07		AUV 47L	98776P07	kit 991557: réducteurs G1/4-G1/8 + raccord G1/8-M8
ALE 35C	93196P07		AUV 47L	98776P07	
ALE 35C	93336P05		AUV 47L	98776P07	
ALE 35C	93316P07		AUV 47L	98776P07	
ALE 35C	93216P07		AUV 47L	98776P07	
ALE 35C	93296P07		AUV 47L	98776P07	
ALE 35C	93344P07		AUV 47L	98776P07	ALE : 2 prises de pression sur le corps
ALE 35C	93246P07		AUV 47L	98776P07	
ALE 35C	93276P07		AUV 47L	98776P07	ALE : 2 prises de pression sur le corps
ALE 35C K	93286P07		AUV 47L	98776P07	ALE : 2 prises de pression sur le corps
ALEV 30C	93004P07R		AUV 47L	98776P07	kit 991557: réducteurs G1/4-G1/8 + raccord G1/8-M8
ALEV 35C	93396P07		AUV 47L	98776P07	
ALEV 35C	93144P07		AUV 47L	98776P07	ALE : 2 prises de pression sur le corps
ALEV 35C	93176P07		AUV 47L	98776P07	
ALEV 35C	93566P07		AUV 47L	98776P07	
ALEV 35D	93376P07		AUV 47L	98776P07	

4. Conversion SUNTEC AT2, ATE2 -> SUNTEC AUV

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
AT2 45A	95744P07		ATUV 45L	98616P07	
AT2 45A	95474P07		ATUV 45L	98616P07	
AT2 45A K	95074P07F		ATUV 45L	98616P07	bride 3719003
AT2 45B	95066P07FC		ATUV 45L	98616P07	bride 3719003
AT2 45B K	96014P06		ATUV 45L	98616P07	remplacer la bobine par 3713824-SAV (110V AC)
AT2 45B K	96014P07		ATUV 45L	98616P07	
AT2 45C	95434P06		ATUV 45R	98606P07	remplacer la bobine par 3713824-SAV (110V AC)
AT2 45C	95414P07		ATUV 45R	98606P07	
AT2 45C	95634P07		ATUV 45R	98606P07	kit 991557 : raccord gicleur + raccords aspiration/retour G1/4-G1/8
AT2 45C	95944P07		ATUV 45R	98606P07	régulateur HP côté gicleur
AT2 45C	95434P06		ATUV 45R	98606P07	remplacer la bobine par 3713824-SAV (110V AC)
AT2 45D	95386P07		ATUV 45R	98606P07	
AT2 45D	95134P07		ATUV 45R	98606P07	garder raccords aspiration/retour et gicleur de l'ancienne pompe
AT2 45D	95444P07		ATUV 45R	98606P07	
AT2 45D	95554P07		ATUV 45R	98606P07	garder raccords aspiration/retour et gicleur de l'ancienne pompe
AT2 45D K	95844P07		ATUV 45R	98606P07	
AT2 55B	95154P07		ATUV 45L	98616P07	
AT2 55B	94066P07		ATUV 45L	98616P07	bride 3719003
AT2 55C	95724P05		ATUV 45R	98606P07	

4. Conversion SUNTEC AT2, ATE2 -> SUNTEC AUV

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
AT2 55C	95044P07		ATUV 45R	98606P07	
AT2 55C	95494P07		ATUV 45R	98606P07	
AT2 55C	95494P07F		ATUV 45R	98606P07	bride 3719003
AT2 55C K	95714P05		ATUV 45R	98606P07	kit 991557 : raccord gicleur
AT2V 45A	96744P07		ATUV 45L	98616P07	
AT2V 45A	96474P07		ATUV 45L	98616P07	
AT2V 45A	92014P07		ATUV 45L	98616P07	
AT2V 45B	96516P07		ATUV 45L	98616P07	
AT2V 45C	96024P07		ATUV 45R	98606P07	kit 991557 : raccord gicleur + raccords aspiration/retour G1/4-G1/8
AT2V 45C	96044P07		ATUV 45R	98606P07	
AT2V 45C	96164P07		ATUV 45R	98606P07	
AT2V 45D	96154P07		ATUV 45R	98606P07	kit 991557 : raccord gicleur + raccords aspiration/retour G1/4-G1/8
AT2V 45D	96334P07-2		ATUV 45R	98606P07	
AT2V 45D	96034P07		ATUV 45R	98606P07	
AT2V 45D	96386P07		ATUV 45R	98606P07	
AT2V 55C	96494P07		ATUV 45R	98606P07	
AT2V 55C	96724P07		ATUV 45R	98606P07	
AT2V 55C K	96054P07		ATUV 45R	98606P07	kit 991557 : raccord gicleur

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
ATE2 55D	93534P07		ATUV 45R	98606P07	
ATE2 55D	93514P07-2		ATUV 45R	98606P07	
ATE2V 45C	93036P07		ATUV 45R	98606P07	
ATE2V 45C	93056P07		ATUV 45R	98606P07	
ATE2V 45C	93156P07		ATUV 45R	98606P07	
ATE2V 45C	93016P07		ATUV 45R	98606P07	
ATE2V 45C	93026P07		ATUV 45R	98606P07	
ATE2V 45C	93046P07		ATUV 45R	98606P07	
ATE2V 45C	93066P07		ATUV 45R	98606P07	
ATE2V 45C	93556P07		ATUV 45R	98606P07	
ATE2V 55D	93544P07-2		ATUV 45R	98606P07	

5. Conversion DANFOSS -> SUNTEC AUV

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
BFP 10 R3	071N0177		AUV 47R	98766P07	kit 991401
BFP 10 R3	071N0288		AUV 47R	98766P07	à convertir en monotube + kit 991401
BFP 10 R5	071N0166		AUV 47R	98766P07	kit 991401
BFP 11 L3	071N0101		AUV 47L	98776P07	
BFP 11 L3	071N0114		AUV 47L	98776P07	
BFP 11 L3	071N0141		AUV 47L	98776P07	à convertir en monotube
BFP 11 L3	071N0142		AUV 47L	98776P07	à convertir en monotube
BFP 11 L3	071N0144		AUV 47L	98776P07	
BFP 11 L3	071N0146		AUV 47L	98776P07	
BFP 11 L3	071N0152		AUV 47L	98776P07	
BFP 11 L3	071N0153		AUV 47L	98776P07	remplacer la bobine par 3713823-SAV (24V AC)
BFP 11 L3	071N0184		AUV 47L	98776P07	
BFP 11 L3	071N0210		AUV 47L	98776P07	
BFP 11 L3	071N0213		AUV 47L	98776P07	
BFP 11 L3	071N7141		AUV 47L	98776P07	
BFP 11 L5	071N0105		AUV 47L	98776P07	
BFP 11 L5	071N0178		AUV 47L	98776P07	
BFP 11 R3	071N0143		AUV 47R	98766P07	

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
BFP 11 R3	071N0145		AUV 47R	98766P07	
BFP 11 R3	071N0155		AUV 47R	98766P07	
BFP 11 R3	071N0181		AUV 47R	98766P07	
BFP 11 R3	071N0183		AUV 47R	98766P07	
BFP 11 R3	071N7155		AUV 47R	98766P07	
BFP 20 L3	071N0108		AUV 47L	98776P07	kit 991401
BFP 20 L3	071N0125		AUV 47L	98776P07	kit 991401
BFP 20 L3	071N0127		AUV 47L	98776P07	kit 991401
BFP 20 L3	071N0161		AUV 47L	98776P07	kit 991401
BFP 20 L3	071N0212		AUV 47L	98776P07	kit 991401
BFP 20 L3	071N0267		AUV 47L	98776P07	kit 991401
BFP 20 L5	071N0126		AUV 47L	98776P07	kit 991401
BFP 20 R3	071N0118		AUV 47R	98766P07	kit 991401
BFP 20 R3	071N0128		AUV 47R	98766P07	kit 991401
BFP 20 R3	071N0162		AUV 47R	98766P07	kit 991401
BFP 20 R3	071N0169		AUV 47R	98766P07	kit 991401
BFP 20 R3	071N0229		AUV 47R	98766P07	kit 991401
BFP 20 R3	071N0298		AUV 47R	98766P07	à convertir en monotube + kit 991401
BFP 20 R5	071N0129		AUV 47R	98766P07	kit 991401
BFP 20 R5	071N0180		AUV 47R	98766P07	kit 991401
BFP 21 L2	071N2123		AUV 47L	98776P07	

5. Conversion DANFOSS -> SUNTEC AUV

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
BFP 21 L3	071N0102		AUV 47L	98776P07	
BFP 21 L3	071N0103		AUV 47L	98776P07	
BFP 21 L3	071N0104		AUV 47L	98776P07	
BFP 21 L3	071N0111		AUV 47L	98776P07	
BFP 21 L3	071N0113		AUV 47L	98776P07	
BFP 21 L3	071N0119		AUV 47L	98776P07	
BFP 21 L3	071N0122		AUV 47L	98776P07	
BFP 21 L3	071N0123		AUV 47L	98776P07	remplacer la bobine par 3713824-SAV (110V AC)
BFP 21 L3	071N0130		AUV 47L	98776P07	
BFP 21 L3	071N0132		AUV 47L	98776P07	
BFP 21 L3	071N0147		AUV 47L	98776P07	
BFP 21 L3	071N0148		AUV 47L	98776P07	
BFP 21 L3	071N0150		AUV 47L	98776P07	
BFP 21 L3	071N0151		AUV 47L	98776P07	
BFP 21 L3	071N0156		AUV 47L	98776P07	à convertir en monotube
BFP 21 L3	071N0164		AUV 47L	98776P07	
BFP 21 L3	071N0170		AUV 47L	98776P07	
BFP 21 L3	071N0175		AUV 47L	98776P07	
BFP 21 L3	071N0176		AUV 47L	98776P07	remplacer la bobine par 3713824-SAV (110V AC)

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
BFP 21 L3	071N0179		AUV 47L	98776P07	
BFP 21 L3	071N0182		AUV 47L	98776P07	
BFP 21 L3	071N0185		AUV 47L	98776P07	
BFP 21 L3	071N0189		AUV 47L	98776P07	remplacer la bobine par 3713823-SAV (24V AC)
BFP 21 L3	071N0193		AUV 47L	98776P07	
BFP 21 L3	071N0197		AUV 47L	98776P07	
BFP 21 L3	071N0204		AUV 47L	98776P07	
BFP 21 L3	071N0209		AUV 47L	98776P07	
BFP 21 L3	071N0217		AUV 47L	98776P07	
BFP 21 L3	071N0226		AUV 47L	98776P07	
BFP 21 L3	071N0228		AUV 47L	98776P07	
BFP 21 L3	071N0295		AUV 47L	98776P07	
BFP 21 L3	071N1214		AUV 47L	98776P07	à convertir en monotube
BFP 21 L3	071N1217		AUV 47L	98776P07	
BFP 21 L3	071N1219		AUV 47L	98776P07	
BFP 21 L3	071N7170		AUV 47L	98776P07	
BFP 21 L3	071N2130		AUV 47L	98776P07	
BFP 21 L3	071N2103		AUV 47L	98776P07	
BFP 21 L3	071N2104		AUV 47L	98776P07	
BFP 21 L3	071N2108		AUV 47L	98776P07	

5. Conversion DANFOSS -> SUNTEC AUV

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
BFP 21 L3	071N2110		AUV 47L	98776P07	
BFP 21 L3	071N2112		AUV 47L	98776P07	
BFP 21 L3	071N2113		AUV 47L	98776P07	
BFP 21 L3	071N2114		AUV 47L	98776P07	
BFP 21 L3	071N2118		AUV 47L	98776P07	
BFP 21 L3	071N2119		AUV 47L	98776P07	
BFP 21 L3	071N3118		AUV 47L	98776P07	
BFP 21 L3	071N3119		AUV 47L	98776P07	
BFP 21 L3	071N4105		AUV 47L	98776P07	
BFP 21 L3	071N0233		AUV 47L	98776P07	
BFP 21 L3	071N0264		AUV 47L	98776P07	
BFP 21 L3	071N2116		AUV 47L	98776P07	
BFP 21 L3	071N2125		AUV 47L	98776P07	
BFP 21 L3	071N2128		AUV 47L	98776P07	
BFP 21 L3	071N2225		AUV 47L	98776P07	
BFP 21 L3	071N2303		AUV 47L	98776P07	
BFP 21 L3	071N3136		AUV 47L	98776P07	
BFP 21 L3	071N3225		AUV 47L	98776P07	
BFP 21 L5	071N0107		AUV 47L	98776P07	

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
BFP 21 L5	071N0116		AUV 47L	98776P07	
BFP 21 L5	071N0158		AUV 47L	98776P07	
BFP 21 L5	071N0172		AUV 47L	98776P07	
BFP 21 L5	071N0194		AUV 47L	98776P07	
BFP 21 L5	071N0202		AUV 47L	98776P07	
BFP 21 L5	071N0227		AUV 47L	98776P07	
BFP 21 L5	071N0292		AUV 47L	98776P07	
BFP 21 L5	071N7172		AUV 47L	98776P07	
BFP 21 L5	071N2131		AUV 47L	98776P07	
BFP 21 R3	071N0109		AUV 47R	98766P07	
BFP 21 R3	071N0112		AUV 47R	98766P07	
BFP 21 R3	071N0136		AUV 47R	98766P07	
BFP 21 R3	071N0154		AUV 47R	98766P07	
BFP 21 R3	071N0157		AUV 47R	98766P07	à convertir en monotube
BFP 21 R3	071N0167		AUV 47R	98766P07	
BFP 21 R3	071N0171		AUV 47R	98766P07	
BFP 21 R3	071N0198		AUV 47R	98766P07	
BFP 21 R3	071N0208		AUV 47R	98766P07	
BFP 21 R3	071N0214		AUV 47R	98766P07	
BFP 21 R3	071N0215		AUV 47R	98766P07	

5. Conversion DANFOSS -> SUNTEC AUV

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
BFP 21 R3	071N0231		AUV 47R	98766P07	à convertir en monotube
BFP 21 R3	071N1215		AUV 47R	98766P07	à convertir en monotube
BFP 21 R3	071N7171		AUV 47R	98766P07	
BFP 21 R5	071N0120		AUV 47R	98766P07	
BFP 21 R5	071N0159		AUV 47R	98766P07	
BFP 21 R5	071N0163		AUV 47R	98766P07	
BFP 21 R5	071N0165		AUV 47R	98766P07	
BFP 21 R5	071N0173		AUV 47R	98766P07	
BFP 21 R5	071N0195		AUV 47R	98766P07	
BFP 21 R5	071N0207		AUV 47R	98766P07	
BFP 21 R5	071N7173		AUV 47R	98766P07	
BFP 31 L3	071N0115		AUV 47L	98776P07	
BFP 31 L3	071N0133		AUV 47L	98776P07	à convertir en monotube
BFP 31 L3	071N0149		AUV 47L	98776P07	
BFP 31 L3	071N0190		AUV 47L	98776P07	
BFP 31 L3	071N0191		AUV 47L	98776P07	
BFP 31 L3	071N0192		AUV 47L	98776P07	
BFP 31 L3	071N1201		AUV 47L	98776P07	
BFP 31 L3	071N1203		AUV 47L	98776P07	

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
BFP 31 L3	071N2109		AUV 47L	98776P07	
BFP 41 L3	071N0135		AUV 47L	98776P07	
BFP 41 L3	071N0160		AUV 47L	98776P07	AUV: Bobine sur le haut
BFP 41 L3	071N0174		AUV 47L	98776P07	AUV: Bobine sur le haut
BFP 41 L3	071N0188		AUV 47L	98776P07	AUV: Bobine sur le haut
BFP 41 L3	071N0224		AUV 47L	98776P07	AUV: Bobine sur le haut
BFP 41 L3	071N0225		AUV 47L	98776P07	AUV: Bobine sur le haut
BFP 41 L3	071N1213		AUV 47L	98776P07	AUV: Bobine sur le haut
BFP 41 L3	071N7174		AUV 47L	98776P07	AUV: Bobine sur le haut
BFP 41 L3	071N3137		AUV 47L	98776P07	AUV: Bobine sur le haut
BFP 41 R3	0137/138		AUV 47R	98766P07	AUV: Bobine sur le haut
BFP 41 R3	071N0196		AUV 47R	98766P07	AUV: Bobine sur le haut
BFP 41 R3	071N0235		AUV 47R	98766P07	AUV: Bobine sur le haut
BFP 41 R3	071N7137		AUV 47R	98766P07	AUV: Bobine sur le haut
BFP 52 L6	071N6206		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52 R6	071N6227		ATUV 45	98616P07	ATUV: P1=2-12 bars, gicleur=jusqu'à 3 GPH @1,8 cSt & 5 GPH @5 cSt BFP52: P1=7-15 bars
BFP 52E L3	071N2201		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L3	071N2209		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L3	071N2211		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L3	071N2213		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars

5. Conversion DANFOSS -> SUNTEC AUV

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
BFP 52E L3	071N2264		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L3	071N3201		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L3 LE-S	071N2222		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L3 LE-S	071N3213		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L3 LE-S	071N3214		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L3 LE-S	071N3215		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L3 LE-S	071N4222		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L5	071N2202		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L5	071N2205		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L5	071N2212		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L5	071N2217		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L5	071N2220		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L5	071N2265		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E L5	071N3202		ATUV 45	98606P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E R3	071N2203		ATUV 45	98616P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E R3	071N3203		ATUV 45	98616P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E R5	071N2204		ATUV 45	98616P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E R5	071N3204		ATUV 45	98616P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars
BFP 52E R5	071N3204		ATUV 45	98616P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars

6. Conversion DELTA -> SUNTEC AUV

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
	A1-L1		AUV 47L	98776P07	à convertir en monotube
	A1-L2		AUV 47L	98776P07	
	A1-R1		AUV 47R	98766P07	à convertir en monotube
	A1-R2		AUV 47R	98766P07	
	A2-L1		AUV 47L	98776P07	à convertir en monotube
	A2-L2		AUV 47L	98776P07	
	A2-R1		AUV 47R	98766P07	à convertir en monotube
	A2-R2		AUV 47R	98766P07	
	VM1LL1		AUV 47L	98776P07	à convertir en monotube
	VM1LL2		AUV 47L	98776P07	
	VM1LR1		AUV 47L	98776P07	à convertir en monotube
	VM1LR2		AUV 47L	98776P07	
	VM1RL1		AUV 47R	98766P07	à convertir en monotube
	VM1RL2		AUV 47R	98766P07	
	VM1RR1		AUV 47R	98766P07	à convertir en monotube
	VM1RR2		AUV 47R	98766P07	
	VM2LL1		AUV 47L	98776P07	à convertir en monotube
	VM2LL2		AUV 47L	98776P07	

6. Conversion DELTA -> SUNTEC AUV

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
	VM2LR1		AUV 47L	98776P07	à convertir en monotube
	VM2LR2		AUV 47L	98776P07	
	VM2RL1		AUV 47R	98766P07	à convertir en monotube
	VM2RL2		AUV 47R	98766P07	
	VM2RR1		AUV 47R	98766P07	à convertir en monotube
	VM2RR2		AUV 47R	98766P07	

7. Conversion ECKERLE -> SUNTEC AUV

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
	UNI 1.2 L1 L64-50		AUV 47L	98776P07	kit 991557: réducteurs G1/4-G1/8
	UNI 1.2 L5 L14-50		AUV 47L	98776P07	
	UNI 1.2 L5 M14-50		AUV 47L	98776P07	
	UNI 1.2 L5 M64-50-W		AUV 47L	98776P07	kit 991557: réducteurs G1/4-G1/8
	UNI 1.42 L6 A64-W		ATUV 45L	98606P07	kit 991557: réducteurs G1/4-G1/8
	UNI 2.12 L1 L14		AUV 47L	98776P07	
	UNI 2.12 L1 L64		AUV 47L	98776P07	kit 991557: réducteurs G1/4-G1/8
	UNI 2.12 L1 M14		AUV 47L	98776P07	
	UNI 2.12 L1 M64		AUV 47L	98776P07	kit 991557: réducteurs G1/4-G1/8
	UNI 2.12 L1 M64-65		AUV 47L	98776P07	kit 991557: réducteurs G1/4-G1/8
	UNI 2.2 L1 L14-21		AUV 47L	98776P07	
	UNI 2.2 L1 L16-K1-21		AUV 47L	98776P07	bride 3719003
	UNI 2.2 L1 R14-C1-21		AUV 47L	98776P07	
	UNI 2.2 L5 L14-21-05		AUV 47L	98776P07	
	UNI 2.2 L5 L14-Q-21		AUV 47L	98776P07	
	UNI 2.2 L5 L15-21-05		AUV 47L	98776P07	moyeu 3759833
	UNI 2.2 L5 L42		AUV 47L	98776P07	moyeu 3759833
	UNI 2.2 L5 M14-C1		AUV 47L	98776P07	
	UNI 2.2 L5 S20-21		AUV 47L	98776P07	

7. Conversion ECKERLE -> SUNTEC AUV

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
	UNI 2.2 L5 S20-21-BUD		AUV 47L	98776P07	
	UNI 2.2 L5 S74-05		AUV 47L	98776P07	kit 991557: réducteurs G1/4-G1/8
	UNI 2.2 R1 L40		AUV 47R	98766P07	
	UNI 2.2 R1 M14-21-05		AUV 47R	98766P07	
	UNI 2.2 R1 R24		AUV 47R	98766P07	
	UNI 2.2 R5 L14-21-05		AUV 47R	98766P07	
	UNI 2.2 R5 M45		AUV 47R	98766P07	moyeu 3759833
	UNI 2.2 R5 R14-21		AUV 47R	98766P07	
	UNI 2.2 R5 R60-21		AUV 47R	98766P07	kit 991557: réducteurs G1/4-G1/8
	UNI 2.2 R5 S60		AUV 47R	98766P07	kit 991557: réducteurs G1/4-G1/8
	UNI 2.4 L5 S24		ATUV 45L	98606P07	
	UNI 2.42 L5 L64-65		ATUV 45L	98606P07	kit 991557: réducteurs G1/4-G1/8
	UNI 2.42 R5 R70		ATUV 45R	98616P07	kit 991557: réducteurs G1/4-G1/8
	UNI 2.42 R5 R70-ET		ATUV 45R	98616P07	kit 991557: réducteurs G1/4-G1/8
	UNI-E2.1 G41-13		AUV 47L	98776P07	kit 991401
	UNI-E 2.1 L5 L14-13		AUV 47L	98776P07	kit 991401
	UNI-E 2.1 L5 R14-13		AUV 47L	98776P07	kit 991401

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
	UNI-E 2.2 L1 L10		AUV 47L	98776P07	
	UNI-E 2.2 L1 L14		AUV 47L	98776P07	
	UNI-E 2.2 L1 L16-10		AUV 47L	98776P07	bride 3719003
	UNI-E 2.2 L1 R14-12		AUV 47L	98776P07	
	UNI-E 2.2 L5 L12		AUV 47L	98776P07	moyeu 3759833
	UNI-E 2.2 L5 L14		AUV 47L	98776P07	
	UNI-E 2.2 L5 L14-92		AUV 47L	98776P07	
	UNI-E 2.2 L5 L15		AUV 47L	98776P07	moyeu 3759833
	UNI-E 2.2 L5 L60		AUV 47L	98776P07	kit 991557: réducteurs G1/4-G1/8
	UNI-E 2.2 L5 M14-12		AUV 47L	98776P07	
	UNI-E 2.2 L5 S20		AUV 47L	98776P07	
	UNI-E 2.2 L5 S20-BUD		AUV 47L	98776P07	
	UNI-E 2.2 L5 S74		AUV 47L	98776P07	kit 991557: réducteurs G1/4-G1/8
	UNI-E 2.2 R1 L10		AUV 47R	98766P07	
	UNI-E 2.2 R1 M14		AUV 47R	98766P07	
	UNI-E 2.2 R1 R24		AUV 47R	98766P07	
	UNI-E 2.2 R1 S14		AUV 47R	98766P07	
	UNI-E 2.2 R5 L14		AUV 47R	98766P07	
	UNI-E 2.2 R5 M14		AUV 47R	98766P07	
	UNI-E 2.2 R5 M15		AUV 47R	98766P07	moyeu 3759833

7. Conversion ECKERLE -> SUNTEC AUV

TYPE	RÉFÉRENCE	→	TYPE	RÉFÉRENCE	REMARQUES
	UNI-E 2.2 R5 R14		AUV 47R	98766P07	
	UNI-E 2.2 R5 R60		AUV 47R	98766P07	kit 991557: réducteurs G1/4-G1/8
	UNI-E 2.2 R5 S14		AUV 47R	98766P07	
	UNI-E 2.2 R5 S60		AUV 47R	98766P07	kit 991557: réducteurs G1/4-G1/8
	UNI-E 2.4 L5 S24		ATUV 45L	98606P07	
	UNI-E 2.42 R5 R70		ATUV 45R	98616P07	

8. FAQ

8.1 La pompe ne tourne pas

Vérifier si...	Explication possible	Solution
...le moteur tourne.		
OUI	L'accouplement du moteur est défectueux ou desserré	Vérifier l'accouplement, le réparer ou le remplacer si nécessaire.
NON	La pompe est bloquée	Enlever le couvercle de la pompe et la vérifier. Si de la rouille et/ou une quantité anormale d'impuretés sont présentes, vérifier l'éventuelle présence d'eau dans la cuve et l'état des filtres. Changer la pompe.
	Le moteur ne fonctionne pas	Vérifier le moteur et toutes les connexions. Réparer ou changer les pièces nécessaires après avoir examiné la pompe.

8.2 La pompe tourne mais le fioul ne sort pas au gicleur

Vérifier si...	Explication possible	Solution
...du fioul s'échappe de la prise haute pression lorsqu'elle est desserrée.		
OUI	Le gicleur ou l'électrovanne en ligne sont bloqués	Inspecter le gicleur et l'électrovanne (présence de poussière, corps étrangers,...)
	Le régulateur ou l'électrovanne sont défectueux	Connecter la bobine et vérifier l'attraction magnétique. S'il n'y a pas d'attraction, vérifier le courant. Si le courant est ok, changer la bobine. Si la bobine est OK, vérifier le régulateur de pression ou remplacer la pompe.

Vérifier si...	Explication possible	Solution
...aucun fioul ne s'échappe de la prise haute pression lorsqu'elle est desserrée.		
NON	Le niveau de fioul dans la cuve est bas	Vérifier la cuve et la remplir si besoin.
	La vanne de la conduite d'aspiration est fermée	Ouvrir la vanne.
	Sur une nouvelle installation, la soupape d'arrêt est à l'envers	Vérifier que toutes les vannes sont montées correctement.
...et le vacuomètre indique un vide trop important.		
OUI	Blocage en amont	Vérifier le filtre en ligne et le clapet anti retour.
	La tuyauterie est sous-dimensionnée	Vérifier la taille de la tuyauterie.

Vérifier si...	Explication possible	Solution
...aucun fioul ne s'échappe de la prise haute pression lorsqu'elle est desserrée.		
...et le vacuomètre indique un vide trop faible.		
OUI	Le filtre de la pompe est bouché	Enlever le couvercle de la pompe et vérifier le filtre.
	Il y a une fuite d'air	Vérifier l'étanchéité du couvercle de la pompe (particulièrement si le filtre a été nettoyé ou changé récemment). Vérifier l'état du joint d'étanchéité du couvercle.
	La tuyauterie est sur-dimensionnée	Particulièrement important sur les systèmes monotube. Vérifier le diamètre de la tuyauterie.
	La pompe tourne dans le mauvais sens	Si l'installation est nouvelle, vérifier que le sens de rotation du moteur et celui de la pompe sont identiques. Une pompe tournant dans le mauvais sens ne pompe pas de fioul.
	Le bouchon de dérivation est manquant sur une installation bitube	Vérifier la présence du bouchon de dérivation.

Vérifier si...	Explication possible	Solution
...aucun fioul ne s'échappe de la prise haute pression lorsqu'elle est desserrée.		
...et le vacuomètre indique un vide trop faible.		
YES	Les lignes d'aspiration et de retour sont inversées	Vérifier qu'elles ont été correctement montées.
	La pompe est usée	Vérifier l'usure en effectuant un test de pression. Changer la pompe.

8.3 La pression au gicleur est trop haute / trop basse

Vérifier si...	Explication possible	Solution
...la pression peut être réglée.		
...et le manomètre indique une pression trop basse.		
OUI	La taille de la pompe n'est pas adaptée au gicleur (attention à la viscosité) ou à toute autre liaison hydraulique comme par exemple les clapets à ouverture hydraulique	Changer la pompe ou le gicleur suivant le cas.
	La pompe est usée	Vérifier l'usure en effectuant un test de pression. Changer la pompe.
...et le manomètre indique une pression trop haute.		
OUI	La vanne de régulation est encrassée	Démonter le régulateur de pression ou changer la pompe.

Vérifier si...	Explication possible	Solution
...la pression peut être réglée.		
...et la pression de la pompe oscille.		
OUI	Présence d'air dans le fioul	Vérifier que la dépression ne dépasse pas 0,45 bars. Vérifier qu'il n'y pas de fuite dans la conduite d'aspiration.
	La vanne de régulation est défectueuse ou bloquée	Démonter le régulateur ou remplacer la pompe.
	L'accouplement du moteur patine	Vérifier l'accouplement et surveiller les variations de vitesse.
...la pression ne peut pas être réglée.		
...et la pression est constamment trop haute ou trop basse.		
OUI	La vanne de régulation est défectueuse ou bloquée	Démonter le régulateur ou remplacer la pompe.
NON	Le manomètre est défectueux ou mal installé	Vérifier le manomètre. Purger lors de son installation.

8.4 La pompe fait du bruit

Vérifier si...	Explication possible	Solution
...un "gémissement" de plus en plus bruyant vient de la pompe.		
OUI	Le vide est trop élevé (vérifier avec un vacuomètre)	Check for closed valves, blocked filters, check valves that are stuck.
...la pompe émet un crissement et le manomètre oscille.		
OUI	Il y a des bulles d'air dans la conduite d'aspiration	Vérifier que la conduite d'aspiration ne présente pas de fuites. Pour une installation monotube, purger la pompe.

8.5 La température de la pompe est trop élevée

Vérifier si...	Explication possible	Solution
...le débit du gicleur est faible sur une installation monotube.		
OUI	L'accumulation de chaleur peut provenir de la re-circulation à l'intérieur de la pompe ou de la chaleur radiante du moteur, etc.	Convertir l'installation en bitube ou installer un filtre en amont de la pompe avec retour de la pompe au filtre. Cette circulation à l'extérieur du brûleur contribuera au refroidissement du système.

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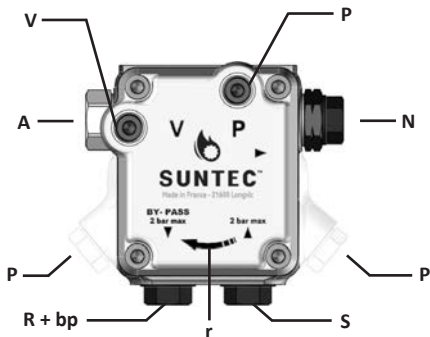
2. Anschlüsse

AN/AE/AS/AL/ALE pumpen

- S : Zulauf G 1/8 oder G 1/4
- N : Düsenausgang G 1/8
- R : Rücklauf G 1/8 oder G 1/4
- V : Vakuummeßanschluß G 1/8
- P : Druckmeßanschluß G 1/8
- A : Druckeinstellung
- r : Drehsinn
- bp : Umleitstopfen für 2-Strang-Betrieb

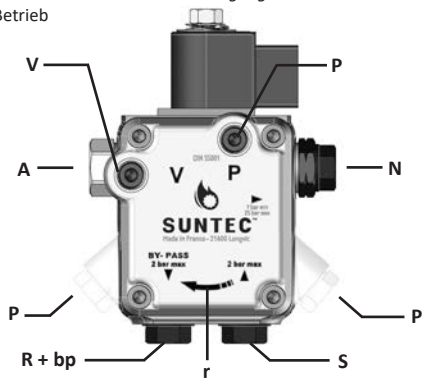
AN/AE

Die Zeichnungen zeigen die Ausführung für «C» Drehrichtung und Düsenausgang.



AS/AL/ALE

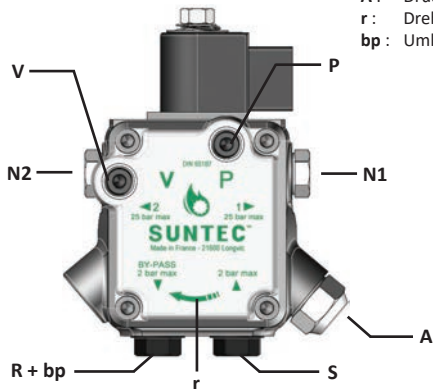
Die Zeichnungen zeigen die Ausführung für «C» Drehrichtung und Düsenausgang.



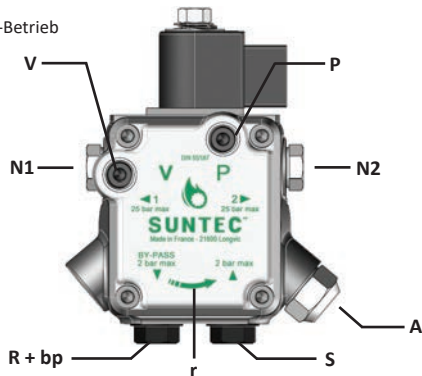
AUV Einstufigen Servicepumpe

- S : Zulauf G1/4
- R : Rücklauf G 1/4
- N1 : Düsenausgang G 1/8
- N2 : Alternativer Düsenausgang G 1/8
- V : Vakuummeßanschluß G 1/8
- P : Druckmeßanschluß G 1/8
- A : Druckeinstellung
- r : Drehsinn
- bp : Umleitstopfen für 2-Strang-Betrieb

AUV 47 L 9877 6P 0700

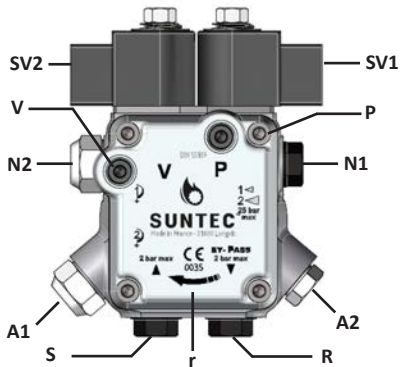


AUV 47 R 9876 6P 0700



In Kombination mit einer Düse mit Abschnittsfunktion können Sie mit diesen Modellen die zusätzliche Druckentlastungsfunktion der Düsenleitung ausnützen.

AT2/ATE2 pumpen



- S : Zulauf G 1/4
- R : Rücklauf G 1/4
- N1 : Düsenausgang G 1/8
- N2 : Alternativer Düsenausgang G 1/8
- SV1 : Sicherheitsabsperrenteil (NC)
- SV2 : Magnetventil für Schaltung Stufe (1/2)
- V : Vakuummeßanschluß G 1/8
- P : Druckmeßanschluß G 1/8
- A1 : Niederdruckeinstellung
- A2 : Hochdruckeinstellung
- r : Drehsinn

ATUV 2-Stufige Servicepumpe

S : Zulauf G 1/4

R : Rücklauf G 1/4

N1 : Düsenausgang G 1/8

N2 : Alternativer Düsenausgang G 1/8

SV1 : Sicherheitsabsperrentil (NC)

SV2 : Magnetventil für Schaltung Stufe (1/2)

V : Vakuummeßanschluß G 1/8

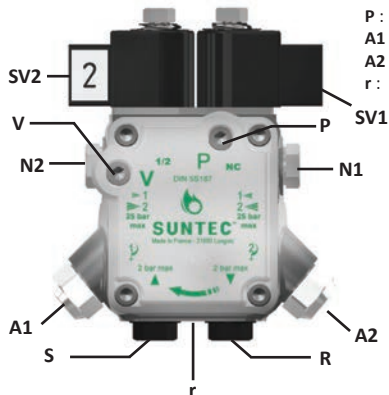
P : Druckmeßanschluß G 1/8

A1 : Niederdruckeinstellung

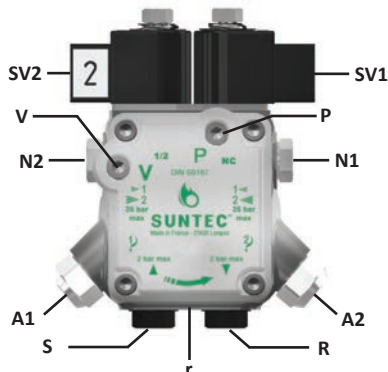
A2 : Hochdruckeinstellung

r : Drehsinn

ATUV 45 L 9860 6P 0700



ATUV 45 R 9861 6P 0700



In Kombination mit einer Düse mit Abschnittsfunktion können Sie mit diesen Modellen die zusätzliche Druckentlastungsfunktion der Düsenleitung ausnützen.

3. Konvertierung SUNTEC AE, AS, AL, ALE -> SUNTEC AUV

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
AE 35C	98506P		AUV 47L	98776P07	Satz 991401
AE 37C	13766P		AUV 47R	98766P07	AE : Manometeranschluss oben auf der Körper ; Satz 991401
AE 45C	13606P		AUV 47L	98776P07	Satz 991401
AE 45C	13706M		AUV 47L	98776P07	Im Einstrangsystem zu konvertierende ; den Düsenanschluss der alten Pumpe behalten ; Satz 991401 + Zwischenflansch 3719003
AE 45C	13926P		AUV 47R	98766P07	Satz 991401 + G1/4-M14 Anschlüsse 991557
AE 45C	13016P		AUV 47L	98776P07	Satz 991401
AE 45D	13086P		AUV 47L	98776P07	Satz 991401
AE 45D	13076P		AUV 47L	98776P07	Satz 991401
AE 47A	13846M		AUV 47R	98766P07	Im Einstrangsystem zu konvertierende + Satz 991401
AE 47A	13846P		AUV 47R	98766P07	Satz 991401
AE 47B	13666M		AUV 47R	98766P07	Satz 991401
AE 47B	13666P		AUV 47R	98766P07	Satz 991401
AE 47B	72674P		AUV 47R	98766P07	AS : 2 Druckanschlüsse am Körper ; Satz 991401 + 3759833
AE 47C	13876P		AUV 47L	98776P07	Satz 991401
AE 47C	13976P		AUV 47L	98776P07	Satz 991401
AE 47C	72743M		AUV 47L	98776P07	Im Einstrangsystem zu konvertierende ; AE : 2 Druckanschlüsse am Körper ; Satz 991401 + Zwischenflansch 3719003
AE 47C	73684P		AUV 47L	98776P07	AE : 2 Druckanschlüsse am Körper ; Satz 991401

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
AE 47D	13786M		AUV 47L	98776P07	Im Einstrangsystem zu konvertierende + Satz 991401
AE 47D	13856P		AUV 47L	98776P07	Satz 991401
AEV 47B	17666P		AUV 47R	98766P07	Satz 991401
AEV 47C	13986M		AUV 47L	98776P07	Im Einstrangsystem zu konvertierende
AEV 47C	13946P		AUV 47L	98776P07	Satz 991401

3. Konvertierung SUNTEC AE, AS, AL, ALE -> SUNTEC AUV

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
AS 47A	74363P		AUV 47L	98776P07	AS : 2 Druckanschlüsse am Körper ; Zentrierbund 3759833
AS 47A	74324P07		AUV 47R	98766P07	AS : 2 Druckanschlüsse am Körper ; Zwischenflansch 3719003
AS 47A	15366P07D		AUV 47R	98766P07	
AS 47A	75364P07		AUV 47R	98766P07	AS : 2 Druckanschlüsse am Körper
AS 47A	75924P07		AUV 47R	98766P07	AS : 2 Druckanschlüsse am Körper
AS 47A	15366M07		AUV 47R	98766P07	Im Einstrangsystem zu konvertierende
AS 47A	15896P07		AUV 47R	98766P07	
AS 47A	16196P02		AUV 47R	98766P07	Die Spule auswechseln (24V AC ref. 3713823-SAV)
AS 47A	75094P07		AUV 47R	98766P07	AS : 2 Druckanschlüsse am Körper, Satz 991557 : G1/4 - G1/8 Reduzierverschraubungen
AS 47A	15366P07		AUV 47R	98766P07	
AS 47A K	15641P07		AUV 47R	98766P07	
AS 47A K	16136P07		AUV 47R	98766P07	
AS 47A K	74694P07K-DP		AUV 47R	98766P07	AS : 2 Druckanschlüsse am Körper ; Zwischenflansch 3719003
AS 47A K	16126M07		AUV 47R	98766P07	Im Einstrangsystem zu konvertierende
AS 47A K	75644P07		AUV 47R	98766P07	AS : 2 Druckanschlüsse am Körper
AS 47A K	16026P07		AUV 47R	98766P07	
AS 47B	74706P07		AUV 47R	98766P07	AS : 2 Druckanschlüsse am Körper ; Zwischenflansch 3719003
AS 47B	15376P02		AUV 47R	98766P07	Die Spule auswechseln (24V AC ref. 3713823-SAV)

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
AS 47B	74454P07		AUV 47R	98766P07	AS : 2 Druckanschlüsse am Körper ; Zwischenflansch 3719003
AS 47B	15376M07		AUV 47R	98766P07	Im Einstrangsystem zu konvertierende
AS 47B	15376P07		AUV 47R	98766P07	
AS 47B K	15516P07		AUV 47R	98766P07	
AS 47C	15781P07		AUV 47L	98776P07	
AS 47C	75411P05		AUV 47L	98776P07	AS : 2 Druckanschlüsse am Körper ; Zentrierbund 3759833 wenn nötig
AS 47C	15691P05		AUV 47L	98776P07	
AS 47C	16031P05		AUV 47L	98776P07	
AS 47C	16206P06		AUV 47L	98776P07	Die Spule auswechseln (110V AC ref. 3713824-SAV)
AS 47C	16216P02		AUV 47L	98776P07	Die Spule auswechseln (24V AC ref. 3713823-SAV)
AS 47C	16256P07		AUV 47L	98776P07	
AS 47C	74384P07		AUV 47L	98776P07	AS : 2 Druckanschlüsse am Körper ; Zentrierbund 3759833
AS 47C	75383P05		AUV 47L	98776P07	AS : 2 Druckanschlüsse am Körper
AS 47C	15386P07		AUV 47L	98776P07	
AS 47C	74344P07		AUV 47L	98776P07	AS : 2 Druckanschlüsse am Körper ; Zwischenflansch 3719003
AS 47C	74614P07		AUV 47L	98776P07	AS : 2 Druckanschlüsse am Körper ; Zwischenflansch 3719003
AS 47C	15386M07		AUV 47L	98776P07	Im Einstrangsystem zu konvertierende
AS 47C	15386P06		AUV 47L	98776P07	Die Spule auswechseln (110V AC ref. 3713824-SAV)
AS 47C	15386P02		AUV 47L	98776P07	Die Spule auswechseln (24V AC ref. 3713823-SAV)
AS 47C	16046P07		AUV 47L	98776P07	

3. Konvertierung SUNTEC AE, AS, AL, ALE -> SUNTEC AUV

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
AS 47C	15386P07D		AUV 47L	98776P07	
AS 47C	16046P05		AUV 47L	98776P07	
AS 47C	74443P05		AUV 47L	98776P07	AS : 2 Druckanschlüsse am Körper ; Zwischenflansch 3719003
AS 47C K	16236M07		AUV 47L	98776P07	Im Einstrangsystem zu konvertierende
AS 47C K	15826M07		AUV 47L	98776P07	AS : horizontaler Druckmessanschluss auf dem Körper
AS 47C K	74514M07		AUV 47L	98776P07	AS : 2 Druckanschlüsse am Körper ; Zwischenflansch 3719003
AS 47C K	16236P07		AUV 47L	98776P07	
AS 47C K	15546M07		AUV 47L	98776P07	Im Einstrangsystem zu konvertierende
AS 47C K	15826P07		AUV 47L	98776P07	AS : horizontaler Druckmessanschluss auf dem Körper
AS 47C K	15546P07		AUV 47L	98776P07	
AS 47D	15681P05		AUV 47L	98776P07	Satz 991557 : G1/8 M8 Anschlüsse + G1/4-M14
AS 47D	74394P07		AUV 47L	98776P07	AS : 2 Druckanschlüsse am Körper ; Zentrierbund 3759833
AS 47D	15966P07		AUV 47L	98776P07	
AS 47D	15506P07		AUV 47L	98776P07	
AS 47D	15396P07		AUV 47L	98776P07	
AS 47D	15576P07		AUV 47L	98776P07	
AS 47D	16226P02		AUV 47L	98776P07	Die Spule auswechseln (24V AC ref. 3713823-SAV)
AS 47D	16156P07		AUV 47L	98776P07	
AS 47D	74354P07		AUV 47L	98776P07	
AS 47D K	15976M02		AUV 47L	98776P07	Die Spule auswechseln (24V AC ref. 3713823-SAV)

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
AS 47D K	15976P07		AUV 47L	98776P07	
AS 47D K	15866P07		AUV 47L	98776P07	
AS 47D K	15736M07		AUV 47L	98776P07	Im Einstrangsystem zu konvertierende
AS 47D K	15626P07		AUV 47L	98776P07	
AS 47D K	15976M07		AUV 47L	98776P07	Im Einstrangsystem zu konvertierende
ASV 47A	16576P07		AUV 47R	98766P07	
ASV 47A	16366P07		AUV 47R	98766P07	
ASV 47A	74724P07		AUV 47L	98776P07	
ASV 47A K	16316P02		AUV 47R	98766P07	Die Spule auswechseln (24V AC ref. 3713823-SAV)
ASV 47A K	75124P07		AUV 47R	98766P07	AS : 2 Druckanschlüsse am Körper
ASV 47B	16166P07		AUV 47R	98766P07	
ASV 47B	16376P07		AUV 47R	98766P07	
ASV 47B	16186P07		AUV 47R	98766P07	
ASV 47C	16386P07		AUV 47L	98776P07	
ASV 47C	16276P07		AUV 47L	98776P07	
ASV 47C K	16826M07		AUV 47L	98776P07	AS : horizontaler Druckmessanschluss auf dem Körper
ASV 47C K	16246M07		AUV 47L	98776P07	Im Einstrangsystem zu konvertierende
ASV 47C K	16296P07		AUV 47L	98776P07	
ASV 47C K	16826P07		AUV 47L	98776P07	AS : horizontaler Druckmessanschluss auf dem Körper
ASV 47D	16966P07		AUV 47L	98776P07	
ASV 47D	16406P02		AUV 47L	98776P07	Die Spule auswechseln (24V AC ref. 3713823-SAV)

3. Konvertierung SUNTEC AE, AS, AL, ALE -> SUNTEC AUV

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
AL 30C	95354P05R		AUV 47L	98776P07	Satz 991557 : G1/8 M8 Anschlüsse
AL 30C	95374P05R		AUV 47L	98776P07	Satz 991557 : G1/4-M10 Anschlüsse + G1/8 - M8 Anschlüsse
AL 30C	95184P05		AUV 47L	98776P07	Satz 991557 : G1/4-M10 Anschlüsse + G1/4 - G1/8 Anschlüsse + G1/8 - M8 Düse Anschluss
AL 30C K	95164P05R		AUV 47L	98776P07	Satz 991557 : G1/4-M10 Anschlüsse + G1/8 - M8 Anschlüsse
AL 35A	95014P06		AUV 47R	98766P07	Die Spule auswechseln (110V AC ref. 3713824-SAV)
AL 35A	95266M07		AUV 47R	98766P07	Im Einstrangsystem zu konvertierende
AL 35A	95964P07		AUV 47R	98766P07	AL : Druckmessanschluss auf der Düsenseite des Körpers
AL 35A	95266P07		AUV 47R	98766P07	
AL 35A	95706P07		AUV 47R	98766P07	AL : Druckmessanschluss auf der Düsenseite des Körpers
AL 35A	95266P05		AUV 47R	98766P07	
AL 35B	95804P07		AUV 47R	98766P07	AL : 2 Druckanschlüsse am Körper
AL 35C	95972P05		AUV 47L	98776P07	
AL 35C	95782P07		AUV 47L	98776P07	AL : 2 Druckanschlüsse am Körper
AL 35C	95036P07		AUV 47L	98776P07	
AL 35C	95336P05		AUV 47L	98776P07	
AL 35C	95536P05		AUV 47L	98776P07	
AL 35C	95422P05		AUV 47L	98776P07	
AL 35C	95212P05		AUV 47L	98776P07	
AL 35C	95452P05		AUV 47L	98776P07	Satz 991557 : G1/8 M8 Anschlüsse

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
AL 35C	95196P07		AUV 47L	98776P07	
AL 35C	95146P06		AUV 47L	98776P07	Die Spule auswechseln (110V AC ref. 3713824-SAV)
AL 35C	95286M07		AUV 47L	98776P07	Im Einstrangsystem zu konvertierende
AL 35C	95286P07		AUV 47L	98776P07	
AL 35C	95404P07		AUV 47L	98776P07	Satz 991557 : G1/4 - G1/8 Reduzierschraubungen
AL 35C K	95364P07		AUV 47L	98776P07	AL : 2 Druckanschlüsse am Körper
AL 35D	95296P07		AUV 47L	98776P07	
ALV 30C	96084P07R		AUV 47L	98776P07	Satz 991557 : G1/4-M10 Anschlüsse + G1/8 - M8 Anschlüsse
ALV 30C	96114P07R		AUV 47L	98776P07	Satz 991557 : G1/4-M10 Anschlüsse + G1/8 - M8 Anschlüsse
ALV 30C K	96124P07R		AUV 47L	98776P07	Satz 991557 : G1/4-M10 Anschlüsse
ALV 35A	96266P07		AUV 47R	98766P07	
ALV 35C	95736P07		AUV 47L	98776P07	
ALV 35C	96146P06		AUV 47L	98776P07	Die Spule auswechseln (110V AC ref. 3713824-SAV)
ALV 35C	96196P07		AUV 47L	98776P07	
ALV 35C	96256P07		AUV 47L	98776P07	Den Düsenanschluss der AL-Pumpe bewahren
ALV 35C	96286P07		AUV 47L	98776P07	
ALV 35C	96404P07		AUV 47L	98776P07	Satz 991557 : G1/4 - G1/8 Reduzierschraubungen
ALV 35D	96226P07		AUV 47L	98776P07	
ALV 35D	96296P07		AUV 47L	98776P07	

3. Konvertierung SUNTEC AE, AS, AL, ALE -> SUNTEC AUV

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
ALE 30C	93364P07		AUV 47L	98776P07	Satz 991557 : G1/4 - G1/8 Reduzierschraubungen + G1/8 M8 Anschlüsse
ALE 35C	93196P07		AUV 47L	98776P07	
ALE 35C	93336P05		AUV 47L	98776P07	
ALE 35C	93316P07		AUV 47L	98776P07	
ALE 35C	93216P07		AUV 47L	98776P07	
ALE 35C	93296P07		AUV 47L	98776P07	
ALE 35C	93344P07		AUV 47L	98776P07	ALE : 2 Druckanschlüsse am Körper
ALE 35C	93246P07		AUV 47L	98776P07	
ALE 35C	93276P07		AUV 47L	98776P07	ALE : 2 Druckanschlüsse am Körper
ALE 35C K	93286P07		AUV 47L	98776P07	ALE : 2 Druckanschlüsse am Körper
ALEV 30C	93004P07R		AUV 47L	98776P07	Satz 991557 : G1/4 - G1/8 Reduzierschraubungen + G1/8 M8 Anschlüsse
ALEV 35C	93396P07		AUV 47L	98776P07	
ALEV 35C	93144P07		AUV 47L	98776P07	ALE : 2 Druckanschlüsse am Körper
ALEV 35C	93176P07		AUV 47L	98776P07	
ALEV 35C	93566P07		AUV 47L	98776P07	
ALEV 35D	93376P07		AUV 47L	98776P07	

4. Konvertierung SUNTEC AT2, ATE2 -> SUNTEC ATUV

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
AT2 45A	95744P07		ATUV 45L	98616P07	
AT2 45A	95474P07		ATUV 45L	98616P07	
AT2 45A K	95074P07F		ATUV 45L	98616P07	Zwischenflansch 3719003
AT2 45B	95066P07FC		ATUV 45L	98616P07	Zwischenflansch 3719003
AT2 45B K	96014P06		ATUV 45L	98616P07	Die Spule austauschen (110V AC ref. 3713824-SAV)
AT2 45B K	96014P07		ATUV 45L	98616P07	
AT2 45C	95434P06		ATUV 45R	98606P07	Die Spule austauschen (110V AC ref. 3713824-SAV)
AT2 45C	95414P07		ATUV 45R	98606P07	
AT2 45C	95634P07		ATUV 45R	98606P07	Satz 991557 Düsenanschluss + Zu- und Rücklauf Anschlüsse G1/4-G1/8
AT2 45C	95944P07		ATUV 45R	98606P07	Hochdruckregelung auf der Düsen Seite
AT2 45C	95434P06		ATUV 45R	98606P07	Die Spule austauschen (110V AC ref. 3713824-SAV)
AT2 45D	95386P07		ATUV 45R	98606P07	
AT2 45D	95134P07		ATUV 45R	98606P07	Zu-/Rücklauf- und Düsen Anschlüsse von der alten Pumpe
AT2 45D	95444P07		ATUV 45R	98606P07	
AT2 45D	95554P07		ATUV 45R	98606P07	Zu-/Rücklauf- und Düsen Anschlüsse von der alten Pumpe
AT2 45D K	95844P07		ATUV 45R	98606P07	
AT2 55B	95154P07		ATUV 45L	98616P07	
AT2 55B	94066P07		ATUV 45L	98616P07	Zwischenflansch 3719003

4. Konvertierung SUNTEC AT2, ATE2 -> SUNTEC ATUV

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
AT2 55C	95724P05		ATUV 45R	98606P07	
AT2 55C	95044P07		ATUV 45R	98606P07	
AT2 55C	95494P07		ATUV 45R	98606P07	
AT2 55C	95494P07F		ATUV 45R	98606P07	Zwischenflansch 3719003
AT2 55C K	95714P05		ATUV 45R	98606P07	Satz 991557 Düsenanschluss
AT2V 45A	96744P07		ATUV 45L	98616P07	
AT2V 45A	96474P07		ATUV 45L	98616P07	
AT2V 45A	92014P07		ATUV 45L	98616P07	
AT2V 45B	96516P07		ATUV 45L	98616P07	
AT2V 45C	96024P07		ATUV 45R	98606P07	Satz 991557 Düsenanschluss + Zu- und Rücklauf Anschlüsse G1/4-G1/8
AT2V 45C	96044P07		ATUV 45R	98606P07	
AT2V 45C	96164P07		ATUV 45R	98606P07	
AT2V 45D	96154P07		ATUV 45R	98606P07	Satz 991557 Düsenanschluss + Zu- und Rücklauf Anschlüsse G1/4-G1/8
AT2V 45D	96334P07-2		ATUV 45R	98606P07	
AT2V 45D	96034P07		ATUV 45R	98606P07	
AT2V 45D	96386P07		ATUV 45R	98606P07	
AT2V 55C	96494P07		ATUV 45R	98606P07	
AT2V 55C	96724P07		ATUV 45R	98606P07	

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
AT2V 55C K	96054P07		ATUV 45R	98606P07	Satz 991557 Düsenanschluss
ATE2 55D	93534P07		ATUV 45R	98606P07	
ATE2 55D	93514P07-2		ATUV 45R	98606P07	
ATE2V 45C	93036P07		ATUV 45R	98606P07	
ATE2V 45C	93056P07		ATUV 45R	98606P07	
ATE2V 45C	93156P07		ATUV 45R	98606P07	
ATE2V 45C	93016P07		ATUV 45R	98606P07	
ATE2V 45C	93026P07		ATUV 45R	98606P07	
ATE2V 45C	93046P07		ATUV 45R	98606P07	
ATE2V 45C	93066P07		ATUV 45R	98606P07	
ATE2V 45C	93556P07		ATUV 45R	98606P07	
ATE2V 55D	93544P07-2		ATUV 45R	98606P07	

5. Konvertierung DANFOSS -> SUNTEC

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
BFP 10 R3	071N0177		AUV 47R	98766P07	Satz 991401
BFP 10 R3	071N0288		AUV 47R	98766P07	Im Einstrangsystem zu konvertierende + Satz 991401
BFP 10 R5	071N0166		AUV 47R	98766P07	Satz 991401
BFP 11 L3	071N0101		AUV 47L	98776P07	
BFP 11 L3	071N0114		AUV 47L	98776P07	
BFP 11 L3	071N0141		AUV 47L	98776P07	Im Einstrangsystem zu konvertierende
BFP 11 L3	071N0142		AUV 47L	98776P07	Im Einstrangsystem zu konvertierende
BFP 11 L3	071N0144		AUV 47L	98776P07	
BFP 11 L3	071N0146		AUV 47L	98776P07	
BFP 11 L3	071N0152		AUV 47L	98776P07	
BFP 11 L3	071N0153		AUV 47L	98776P07	Die Spule auswechseln (24V AC ref. 3713823-SAV)
BFP 11 L3	071N0184		AUV 47L	98776P07	
BFP 11 L3	071N0210		AUV 47L	98776P07	
BFP 11 L3	071N0213		AUV 47L	98776P07	
BFP 11 L3	071N7141		AUV 47L	98776P07	
BFP 11 L5	071N0105		AUV 47L	98776P07	
BFP 11 L5	071N0178		AUV 47L	98776P07	
BFP 11 R3	071N0143		AUV 47R	98766P07	
BFP 11 R3	071N0145		AUV 47R	98766P07	

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
BFP 11 R3	071N0155		AUV 47R	98766P07	
BFP 11 R3	071N0181		AUV 47R	98766P07	
BFP 11 R3	071N0183		AUV 47R	98766P07	
BFP 11 R3	071N7155		AUV 47R	98766P07	
BFP 20 L3	071N0108		AUV 47L	98776P07	Satz 991401
BFP 20 L3	071N0125		AUV 47L	98776P07	Satz 991401
BFP 20 L3	071N0127		AUV 47L	98776P07	Satz 991401
BFP 20 L3	071N0161		AUV 47L	98776P07	Satz 991401
BFP 20 L3	071N0212		AUV 47L	98776P07	Satz 991401
BFP 20 L3	071N0267		AUV 47L	98776P07	Satz 991401
BFP 20 L5	071N0126		AUV 47L	98776P07	Satz 991401
BFP 20 R3	071N0118		AUV 47R	98766P07	Satz 991401
BFP 20 R3	071N0128		AUV 47R	98766P07	Satz 991401
BFP 20 R3	071N0162		AUV 47R	98766P07	Satz 991401
BFP 20 R3	071N0169		AUV 47R	98766P07	Satz 991401
BFP 20 R3	071N0229		AUV 47R	98766P07	Satz 991401
BFP 20 R3	071N0298		AUV 47R	98766P07	Im Einstrangsystem zu konvertierende + Satz 991401
BFP 20 R5	071N0129		AUV 47R	98766P07	Satz 991401
BFP 20 R5	071N0180		AUV 47R	98766P07	Satz 991401
BFP 21 L2	071N2123		AUV 47L	98776P07	
BFP 21 L3	071N0102		AUV 47L	98776P07	

5. Konvertierung DANFOSS -> SUNTEC

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
BFP 21 L3	071N0103		AUV 47L	98776P07	
BFP 21 L3	071N0104		AUV 47L	98776P07	
BFP 21 L3	071N0111		AUV 47L	98776P07	
BFP 21 L3	071N0113		AUV 47L	98776P07	
BFP 21 L3	071N0119		AUV 47L	98776P07	
BFP 21 L3	071N0122		AUV 47L	98776P07	
BFP 21 L3	071N0123		AUV 47L	98776P07	Die Spule auswechseln (110V AC ref. 3713824-SAV)
BFP 21 L3	071N0130		AUV 47L	98776P07	
BFP 21 L3	071N0132		AUV 47L	98776P07	
BFP 21 L3	071N0147		AUV 47L	98776P07	
BFP 21 L3	071N0148		AUV 47L	98776P07	
BFP 21 L3	071N0150		AUV 47L	98776P07	
BFP 21 L3	071N0151		AUV 47L	98776P07	
BFP 21 L3	071N0156		AUV 47L	98776P07	Im Einstrangsystem zu konvertierende
BFP 21 L3	071N0164		AUV 47L	98776P07	
BFP 21 L3	071N0170		AUV 47L	98776P07	
BFP 21 L3	071N0175		AUV 47L	98776P07	
BFP 21 L3	071N0176		AUV 47L	98776P07	Die Spule auswechseln (110V AC ref. 3713824-SAV)
BFP 21 L3	071N0179		AUV 47L	98776P07	
BFP 21 L3	071N0182		AUV 47L	98776P07	

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
BFP 21 L3	071N0185		AUV 47L	98776P07	
BFP 21 L3	071N0189		AUV 47L	98776P07	Die Spule auswechseln (24V AC ref. 3713823-SAV)
BFP 21 L3	071N0193		AUV 47L	98776P07	
BFP 21 L3	071N0197		AUV 47L	98776P07	
BFP 21 L3	071N0204		AUV 47L	98776P07	
BFP 21 L3	071N0209		AUV 47L	98776P07	
BFP 21 L3	071N0217		AUV 47L	98776P07	
BFP 21 L3	071N0226		AUV 47L	98776P07	
BFP 21 L3	071N0228		AUV 47L	98776P07	
BFP 21 L3	071N0295		AUV 47L	98776P07	
BFP 21 L3	071N1214		AUV 47L	98776P07	Im Einstrangsystem zu konvertierende
BFP 21 L3	071N1217		AUV 47L	98776P07	
BFP 21 L3	071N1219		AUV 47L	98776P07	
BFP 21 L3	071N7170		AUV 47L	98776P07	
BFP 21 L3	071N2130		AUV 47L	98776P07	
BFP 21 L3	071N2103		AUV 47L	98776P07	
BFP 21 L3	071N2104		AUV 47L	98776P07	
BFP 21 L3	071N2108		AUV 47L	98776P07	
BFP 21 L3	071N2110		AUV 47L	98776P07	
BFP 21 L3	071N2112		AUV 47L	98776P07	
BFP 21 L3	071N2113		AUV 47L	98776P07	

5. Konvertierung DANFOSS -> SUNTEC

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
BFP 21 L3	071N2114		AUV 47L	98776P07	
BFP 21 L3	071N2118		AUV 47L	98776P07	
BFP 21 L3	071N2119		AUV 47L	98776P07	
BFP 21 L3	071N3118		AUV 47L	98776P07	
BFP 21 L3	071N3119		AUV 47L	98776P07	
BFP 21 L3	071N4105		AUV 47L	98776P07	
BFP 21 L3	071N0233		AUV 47L	98776P07	
BFP 21 L3	071N0264		AUV 47L	98776P07	
BFP 21 L3	071N2116		AUV 47L	98776P07	
BFP 21 L3	071N2125		AUV 47L	98776P07	
BFP 21 L3	071N2128		AUV 47L	98776P07	
BFP 21 L3	071N2225		AUV 47L	98776P07	
BFP 21 L3	071N2303		AUV 47L	98776P07	
BFP 21 L3	071N3136		AUV 47L	98776P07	
BFP 21 L3	071N3225		AUV 47L	98776P07	
BFP 21 L5	071N0107		AUV 47L	98776P07	
BFP 21 L5	071N0116		AUV 47L	98776P07	
BFP 21 L5	071N0158		AUV 47L	98776P07	
BFP 21 L5	071N0172		AUV 47L	98776P07	
BFP 21 L5	071N0194		AUV 47L	98776P07	

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
BFP 21 L5	071N0202		AUV 47L	98776P07	
BFP 21 L5	071N0227		AUV 47L	98776P07	
BFP 21 L5	071N0292		AUV 47L	98776P07	
BFP 21 L5	071N7172		AUV 47L	98776P07	
BFP 21 L5	071N2131		AUV 47L	98776P07	
BFP 21 R3	071N0109		AUV 47R	98766P07	
BFP 21 R3	071N0112		AUV 47R	98766P07	
BFP 21 R3	071N0136		AUV 47R	98766P07	
BFP 21 R3	071N0154		AUV 47R	98766P07	
BFP 21 R3	071N0157		AUV 47R	98766P07	Im Einstrangsystem zu konvertierende
BFP 21 R3	071N0167		AUV 47R	98766P07	
BFP 21 R3	071N0171		AUV 47R	98766P07	
BFP 21 R3	071N0198		AUV 47R	98766P07	
BFP 21 R3	071N0208		AUV 47R	98766P07	
BFP 21 R3	071N0214		AUV 47R	98766P07	
BFP 21 R3	071N0215		AUV 47R	98766P07	
BFP 21 R3	071N0231		AUV 47R	98766P07	Im Einstrangsystem zu konvertierende
BFP 21 R3	071N1215		AUV 47R	98766P07	Im Einstrangsystem zu konvertierende
BFP 21 R3	071N7171		AUV 47R	98766P07	
BFP 21 R5	071N0120		AUV 47R	98766P07	
BFP 21 R5	071N0159		AUV 47R	98766P07	

5. Konvertierung DANFOSS -> SUNTEC

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
BFP 21 R5	071N0163		AUV 47R	98766P07	
BFP 21 R5	071N0165		AUV 47R	98766P07	
BFP 21 R5	071N0173		AUV 47R	98766P07	
BFP 21 R5	071N0195		AUV 47R	98766P07	
BFP 21 R5	071N0207		AUV 47R	98766P07	
BFP 21 R5	071N7173		AUV 47R	98766P07	
BFP 31 L3	071N0115		AUV 47L	98776P07	
BFP 31 L3	071N0133		AUV 47L	98776P07	Im Einstrangsystem zu konvertierende
BFP 31 L3	071N0149		AUV 47L	98776P07	
BFP 31 L3	071N0190		AUV 47L	98776P07	
BFP 31 L3	071N0191		AUV 47L	98776P07	
BFP 31 L3	071N0192		AUV 47L	98776P07	
BFP 31 L3	071N1201		AUV 47L	98776P07	
BFP 31 L3	071N1203		AUV 47L	98776P07	
BFP 31 L3	071N2109		AUV 47L	98776P07	
BFP 41 L3	071N0135		AUV 47L	98776P07	
BFP 41 L3	071N0160		AUV 47L	98776P07	AUV: Spule auf der Oberseite
BFP 41 L3	071N0174		AUV 47L	98776P07	AUV: Spule auf der Oberseite
BFP 41 L3	071N0188		AUV 47L	98776P07	AUV: Spule auf der Oberseite
BFP 41 L3	071N0224		AUV 47L	98776P07	AUV: Spule auf der Oberseite

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
BFP 41 L3	071N0225		AUV 47L	98776P07	AUV: Spule auf der Oberseite
BFP 41 L3	071N1213		AUV 47L	98776P07	AUV: Spule auf der Oberseite
BFP 41 L3	071N7174		AUV 47L	98776P07	AUV: Spule auf der Oberseite
BFP 41 L3	071N3137		AUV 47L	98776P07	AUV: Spule auf der Oberseite
BFP 41 R3	0137/138		AUV 47R	98766P07	AUV: Spule auf der Oberseite
BFP 41 R3	071N0196		AUV 47R	98766P07	AUV: Spule auf der Oberseite
BFP 41 R3	071N0235		AUV 47R	98766P07	AUV: Spule auf der Oberseite
BFP 41 R3	071N7137		AUV 47R	98766P07	AUV: Spule auf der Oberseite
BFP 52 L6	071N6206		ATUV 45	98606P07	ATUV : P1=2-12 bar; BFP52 : P1=7-15 bar
BFP 52 R6	071N6227		ATUV 45	98616P07	ATUV: P1=2-12 bars, ugello=fino a 3 GPH @1,8 cSt & 5 GPH @5 cSt BFP52: P1=7-15 bars
BFP 52E L3	071N2201		ATUV 45	98606P07	ATUV : P1=2-12 bar; BFP52 : P1=7-15 bar
BFP 52E L3	071N2209		ATUV 45	98606P07	ATUV : P1=2-12 bar; BFP52 : P1=7-15 bar
BFP 52E L3	071N2211		ATUV 45	98606P07	ATUV : P1=2-12 bar; BFP52 : P1=7-15 bar
BFP 52E L3	071N2213		ATUV 45	98606P07	ATUV : P1=2-12 bar; BFP52 : P1=7-15 bar
BFP 52E L3	071N2264		ATUV 45	98606P07	ATUV : P1=2-12 bar; BFP52 : P1=7-15 bar
BFP 52E L3	071N3201		ATUV 45	98606P07	ATUV : P1=2-12 bar; BFP52 : P1=7-15 bar
BFP 52E L3 LE-S	071N2222		ATUV 45	98606P07	ATUV : P1=2-12 bar; BFP52 : P1=7-15 bar
BFP 52E L3 LE-S	071N3213		ATUV 45	98606P07	ATUV : P1=2-12 bar; BFP52 : P1=7-15 bar

5. Konvertierung DANFOSS -> SUNTEC

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
BFP 52E L3 LE-S	071N3214		ATUV 45	98606P07	ATUV : P1=2-12 bar; BFP52 : P1=7-15 bar
BFP 52E L3 LE-S	071N3215		ATUV 45	98606P07	ATUV : P1=2-12 bar; BFP52 : P1=7-15 bar
BFP 52E L3 LE-S	071N4222		ATUV 45	98606P07	ATUV : P1=2-12 bar; BFP52 : P1=7-15 bar
BFP 52E L5	071N2202		ATUV 45	98606P07	ATUV : P1=2-12 bar; BFP52 : P1=7-15 bar
BFP 52E L5	071N2205		ATUV 45	98606P07	ATUV : P1=2-12 bar; BFP52 : P1=7-15 bar
BFP 52E L5	071N2212		ATUV 45	98606P07	ATUV : P1=2-12 bar; BFP52 : P1=7-15 bar
BFP 52E L5	071N2217		ATUV 45	98606P07	ATUV : P1=2-12 bar; BFP52 : P1=7-15 bar
BFP 52E L5	071N2220		ATUV 45	98606P07	ATUV : P1=2-12 bar; BFP52 : P1=7-15 bar
BFP 52E L5	071N2265		ATUV 45	98606P07	ATUV : P1=2-12 bar; BFP52 : P1=7-15 bar
BFP 52E L5	071N3202		ATUV 45	98606P07	ATUV : P1=2-12 bar; BFP52 : P1=7-15 bar
BFP 52E R3	071N2203		ATUV 45	98616P07	ATUV : P1=2-12 bar; BFP52 : P1=7-15 bar
BFP 52E R3	071N3203		ATUV 45	98616P07	ATUV : P1=2-12 bar; BFP52 : P1=7-15 bar
BFP 52E R5	071N2204		ATUV 45	98616P07	ATUV : P1=2-12 bar; BFP52 : P1=7-15 bar
BFP 52E R5	071N3204		ATUV 45	98616P07	ATUV : P1=2-12 bar; BFP52 : P1=7-15 bar
BFP 52E R5	071N3204		ATUV 45	98616P07	ATUV : P1=2-12 bars; BFP52 : P1=7-15 bars

6. Konvertierung DELTA -> SUNTEC

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
	A1-L1		AUV 47L	98776P07	Im Einstrangsystem zu konvertierende
	A1-L2		AUV 47L	98776P07	
	A1-R1		AUV 47R	98766P07	Im Einstrangsystem zu konvertierende
	A1-R2		AUV 47R	98766P07	
	A2-L1		AUV 47L	98776P07	Im Einstrangsystem zu konvertierende
	A2-L2		AUV 47L	98776P07	
	A2-R1		AUV 47R	98766P07	Im Einstrangsystem zu konvertierende
	A2-R2		AUV 47R	98766P07	
	VM1LL1		AUV 47L	98776P07	Im Einstrangsystem zu konvertierende
	VM1LL2		AUV 47L	98776P07	
	VM1LR1		AUV 47L	98776P07	Im Einstrangsystem zu konvertierende
	VM1LR2		AUV 47L	98776P07	
	VM1RL1		AUV 47R	98766P07	Im Einstrangsystem zu konvertierende
	VM1RL2		AUV 47R	98766P07	
	VM1RR1		AUV 47R	98766P07	Im Einstrangsystem zu konvertierende
	VM1RR2		AUV 47R	98766P07	
	VM2LL1		AUV 47L	98776P07	Im Einstrangsystem zu konvertierende
	VM2LL2		AUV 47L	98776P07	

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
	VM2LR1		AUV 47L	98776P07	Im Einstrangsystem zu konvertierende
	VM2LR2		AUV 47L	98776P07	
	VM2RL1		AUV 47R	98766P07	Im Einstrangsystem zu konvertierende
	VM2RL2		AUV 47R	98766P07	
	VM2RR1		AUV 47R	98766P07	Im Einstrangsystem zu konvertierende
	VM2RR2		AUV 47R	98766P07	

7. Konvertierung ECKERLE -> SUNTEC

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
	UNI 1.2 L1 L64-50		AUV 47L	98776P07	Satz 991557 : G1/4 - G1/8 Reduzierschrauben
	UNI 1.2 L5 L14-50		AUV 47L	98776P07	
	UNI 1.2 L5 M14-50		AUV 47L	98776P07	
	UNI 1.2 L5 M64-50-W		AUV 47L	98776P07	Satz 991557 : G1/4 - G1/8 Reduzierschrauben
	UNI 1.42 L6 A64-W		ATUV 45L	98606P07	Satz 991557 : G1/4 - G1/8 Reduzierschrauben
	UNI 2.12 L1 L14		AUV 47L	98776P07	
	UNI 2.12 L1 L64		AUV 47L	98776P07	Satz 991557 : G1/4 - G1/8 Reduzierschrauben
	UNI 2.12 L1 M14		AUV 47L	98776P07	
	UNI 2.12 L1 M64		AUV 47L	98776P07	Satz 991557 : G1/4 - G1/8 Reduzierschrauben
	UNI 2.12 L1 M64-65		AUV 47L	98776P07	Satz 991557 : G1/4 - G1/8 Reduzierschrauben
	UNI 2.2 L1 L14-21		AUV 47L	98776P07	
	UNI 2.2 L1 L16-K1-21		AUV 47L	98776P07	Zwischenflansch 3719003
	UNI 2.2 L1 R14-C1-21		AUV 47L	98776P07	
	UNI 2.2 L5 L14-21-05		AUV 47L	98776P07	
	UNI 2.2 L5 L14-Q-21		AUV 47L	98776P07	
	UNI 2.2 L5 L15-21-05		AUV 47L	98776P07	Zentrierbund 3759833
	UNI 2.2 L5 L42		AUV 47L	98776P07	Zentrierbund 3759833
	UNI 2.2 L5 M14-C1		AUV 47L	98776P07	

7. Konvertierung ECKERLE -> SUNTEC

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
	UNI 2.2 L5 S20-21		AUV 47L	98776P07	
	UNI 2.2 L5 S20-21-BUD		AUV 47L	98776P07	
	UNI 2.2 L5 S74-05		AUV 47L	98776P07	Satz 991557 : G1/4 - G1/8 Reduzierschraubungen
	UNI 2.2 R1 L40		AUV 47R	98766P07	
	UNI 2.2 R1 M14-21-05		AUV 47R	98766P07	
	UNI 2.2 R1 R24		AUV 47R	98766P07	
	UNI 2.2 R5 L14-21-05		AUV 47R	98766P07	
	UNI 2.2 R5 M45		AUV 47R	98766P07	Zentrierbund 3759833
	UNI 2.2 R5 R14-21		AUV 47R	98766P07	
	UNI 2.2 R5 R60-21		AUV 47R	98766P07	Satz 991557 : G1/4 - G1/8 Reduzierschraubungen
	UNI 2.2 R5 S60		AUV 47R	98766P07	Satz 991557 : G1/4 - G1/8 Reduzierschraubungen
	UNI 2.4 L5 S24		ATUV 45L	98606P07	
	UNI 2.42 L5 L64-65		ATUV 45L	98606P07	Satz 991557 : G1/4 - G1/8 Reduzierschraubungen
	UNI 2.42 R5 R70		ATUV 45R	98616P07	Satz 991557 : G1/4 - G1/8 Reduzierschraubungen
	UNI 2.42 R5 R70-ET		ATUV 45R	98616P07	Satz 991557 : G1/4 - G1/8 Reduzierschraubungen
	UNI-E2.1 G41-13		AUV 47L	98776P07	Satz 991401
	UNI-E 2.1 L5 L14-13		AUV 47L	98776P07	Satz 991401

7. Konvertierung ECKERLE -> SUNTEC

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
	UNI-E 2.1 L5 R14-13		AUV 47L	98776P07	Satz 991401
	UNI-E 2.2 L1 L10		AUV 47L	98776P07	
	UNI-E 2.2 L1 L14		AUV 47L	98776P07	
	UNI-E 2.2 L1 L16-10		AUV 47L	98776P07	Zwischenflansch 3719003
	UNI-E 2.2 L1 R14-12		AUV 47L	98776P07	
	UNI-E 2.2 L5 L12		AUV 47L	98776P07	Zentrierbund 3759833
	UNI-E 2.2 L5 L14		AUV 47L	98776P07	
	UNI-E 2.2 L5 L14-92		AUV 47L	98776P07	
	UNI-E 2.2 L5 L15		AUV 47L	98776P07	Zentrierbund 3759833
	UNI-E 2.2 L5 L60		AUV 47L	98776P07	Satz 991557 : G1/4 - G1/8 Reduzierschraubungen
	UNI-E 2.2 L5 M14-12		AUV 47L	98776P07	
	UNI-E 2.2 L5 S20		AUV 47L	98776P07	
	UNI-E 2.2 L5 S20-BUD		AUV 47L	98776P07	
	UNI-E 2.2 L5 S74		AUV 47L	98776P07	Satz 991557 : G1/4 - G1/8 Reduzierschraubungen
	UNI-E 2.2 R1 L10		AUV 47R	98766P07	
	UNI-E 2.2 R1 M14		AUV 47R	98766P07	
	UNI-E 2.2 R1 R24		AUV 47R	98766P07	
	UNI-E 2.2 R1 S14		AUV 47R	98766P07	
	UNI-E 2.2 R5 L14		AUV 47R	98766P07	

TYP	REFERENZ	→	TYP	REFERENZ	BEMERKUNGEN
	UNI-E 2.2 R5 M14		AUV 47R	98766P07	
	UNI-E 2.2 R5 M15		AUV 47R	98766P07	Zentrierbund 3759833
	UNI-E 2.2 R5 R14		AUV 47R	98766P07	
	UNI-E 2.2 R5 R60		AUV 47R	98766P07	Satz 991557 : G1/4 - G1/8 Reduzierschraubungen
	UNI-E 2.2 R5 S14		AUV 47R	98766P07	
	UNI-E 2.2 R5 S60		AUV 47R	98766P07	Satz 991557 : G1/4 - G1/8 Reduzierschraubungen
	UNI-E 2.4 L5 S24		ATUV 45L	98606P07	
	UNI-E 2.42 R5 R70		ATUV 45R	98616P07	

8. FAQs

8.1 Die Ölpumpe läuft nicht

Prüfen Sie, ob ...	Mögliche Fehlerursache	Lösung
...der Motor läuft.		
JA	Kupplung defekt oder lose	Wieder festziehen oder wechseln.
NEIN	Pumpe blockiert	Pumpendeckel abziehen und Pumpe prüfen. Wenn Rost und/oder abnormale Verschmutzung festgestellt wird, Wasser im Öltank und Zustand der Filter in den Saugleitungen prüfen. Heizöl austauschen, Pumpe ersetzen.
	Motor läuft nicht	Motor und Anschlüsse prüfen - evtl. austauschen.

8.2 Die Ölpumpe läuft, liefert aber kein Öl

Prüfen Sie, ob ...	Mögliche Fehlerursache	Lösung
... Öl fließt aus der Hochdruckbohrung, wenn sie ausgeschraubt ist.		
JA	Düse oder das Magnetventil blockiert	Beide prüfen (Staub, Fremdkörper, Paraffin, usw.)
	Druckregulier- oder das Magnetventil defekt	Spule unter Spannung setzen und seine Anziehungskraft auf dem Ventil prüfen. Zieht die Spule, so ist Sie in Ordnung, falls nicht, ist sie defekt oder es ist kein Strom vorhanden. Wenn aber die Spule in Ordnung ist, prüfen ob das Druckreguliertventil nicht blockiert ist oder die Pumpe wechseln.

Prüfen Sie, ob ...	Mögliche Fehlerursache	Lösung
... kein Öl aus der Hochdruckbohrung fließt, wenn sie ausgeschraubt ist.		
NEIN	Ölpegel im Tank ist niedrig	Den Tank prüfen und nachfüllen.
	Absperrhahn in Zuleitung geschlossen.	Öffnen
	Bei neuer Anlage: Absperrhahn nicht in Fließrichtung montiert	In Fließrichtung montieren.
... und ob der Vakuummesser zu viel Vakuum misst.		
JA	Fehler liegt davor	Das Filter in der Leitung und die Rückschlagklappe prüfen.
	Rohrleitung ist überdimensioniert	Deren Länge prüfen.

Prüfen Sie, ob ...	Mögliche Fehlerursache	Lösung
... kein Öl aus der Hochdruckbohrung fließt, wenn sie ausgeschraubt ist.		
... und ob der Vakuummesser zu wenig Vakuum misst.		
JA	Filter in der Pumpe verstopft	Den Pumpendeckel entnehmen und den Filterzustand prüfen.
	Luftleckage	Die Dichtigkeit des Pumpendeckels (insbesondere wenn das Filter gereinigt oder gewechselt wurde) und den Zustand der Deckeldichtung prüfen.
	Rohrleitung überdimensioniert	Sehr wichtig für Einstranganlagen. Durchmesser der Rohrleitung prüfen.
	Pumpe läuft in die falsche Richtung	Wenn die Anlage neu ist, sich sichern, dass die Drehrichtung des Motors und der Pumpe gleich sind. Eine Pumpe, die in die falsche Drehrichtung läuft, kann kein Öl saugen.
	Bypass-Stopfen fehlt bei Zweistrangsystem	Prüfen, ob der Bypass-Stopfen eingebaut ist.

Prüfen Sie, ob ...	Mögliche Fehlerursache	Lösung
... kein Öl aus der Hochdruckbohrung fließt, wenn sie ausgeschraubt ist.		
... und ob der Vakuummesser zu wenig Vakuum misst.		
JA	Vertauschte Saug- und Rücklaufleitungen	Prüfen, ob sie richtig montiert wurden.
	Abgenutzte Pumpe	Deren Abnutzungsgrad durch einen Drucktest prüfen.

8.3 Düsendruck ist zu hoch/niedrig

Prüfen Sie, ob ...	Mögliche Fehlerursache	Lösung
... der Druck eingestellt werden kann.		
... und ob der Druckmesser zu wenig Druck misst.		
JA	Pumpe ist für die Düsenleistung nicht richtig dimensioniert Berücksichtigen, dass hydraulische Hilfsaggregate wie hydraulisch schließende Luftklappen usw. zusätzliche Ölmengen benötigen	Je nachdem Pumpe oder Düse wechseln.
	Pumpe ist abgenutzt	Deren Abnutzungsgrad durch einen Drucktest.
... und ob der Druckmesser zu viel Druck misst.		
JA	Druckregulierventil verschmutzt	Die Druckregulierung ausbauen oder die Pumpe wechseln.

Prüfen Sie, ob ...	Mögliche Fehlerursache	Lösung
... der Druck eingestellt werden kann.		
... und ob der Druck schwankt		
JA	Luft im Öl	Unterdruck muss nicht höher als 0,45 Bar sein und die Saugleitung (keine Leckage) prüfen.
	Druckregulierventil defekt oder blockiert	Die Druckregulierung ausbauen oder die Pumpe wechseln.
	Motorkupplung stottert	Kupplung und Drehzahlschwankungen prüfen.
NEIN		
... und ob der Druck andauernd zu hoch oder zu niedrig ist.		
JA	Druckregulierventil defekt oder blockiert	Die Druckregulierung ausbauen oder die Pumpe wechseln.
NEIN	Druckmesser defekt oder schlecht montiert	Ihn prüfen und beim Einbau entlüften.

8.4 Die Ölpumpe erzeugt Geräusche

Prüfen Sie, ob ...	Mögliche Fehlerursache	Lösung
... die Pumpe immer mehr „heult“.		
JA	Vakuum zu hoch (mit einem Vakuummesser prüfen)	Prüfen, ob sich die Ventile richtig öffnen, die Filter nicht verstopft sind und die Magnetventile nicht blockiert sind.
... die Pumpe Knirschgeräusche erzeugt und der Druckmesser schwankt.		
JA	Luftblasen in der Saugleitung	Prüfen, ob die Saugleitung keine undichte Stelle hat. Bei Einstranganlagen die Pumpe entlüften.

8.5 Die Ölpumpe wird warm

Prüfen Sie, ob ...	Mögliche Fehlerursache	Lösung
... die Düsenleistung in einem Einstrangsystem niedrig ist.		
JA	Aufheizung des Öls, das wieder in die Pumpe fließt, plus Wärmeübergang vom Motor, usw.	Auf Zweistrangsystem umbauen oder Verbindung zwischen Filter und Pumpe mit Vor- und Rücklauf versehen.



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