

The ADKS is a replaceable core filter drier for use with CFC, HCFC, and HFC refrigerants in very large commercial air conditioning and refrigerant systems.

### Features

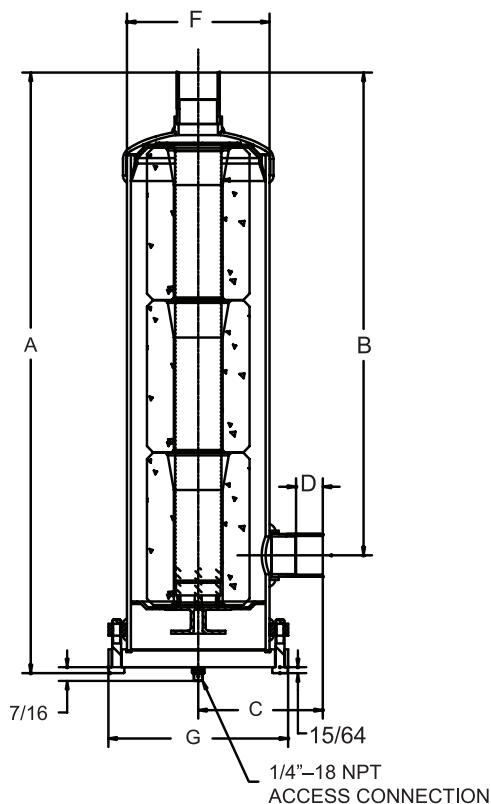
- Full flow fittings for low pressure drop
- Corrosion resistant epoxy powder paint finish
- Sturdy steel shells for long life durability

### Nomenclature example: ADKS 30013T

ADKS	300	13	T
System Protector Series	Unit Size (in cu. in.)	Connection Size (in 1/8")	T = Tap Access Connection



### Dimensional Data



### Specifications

- Filtration (with core): 40 microns
- Maximum working pressure: 500 psig\*
- UL/CUL file number: SA 3124
- Bolt Torque: 35 ft-lbs

\*Note: Not suitable for R-410A applications above 500 psig.

### Ordering Information

PCN	Description	Connection Size	Number Of 100 in <sup>3</sup> Cores	Dimensions (in)						Weight (lbs)
				A	B	C	D	F*	G	
026570	ADKS-30013T	1 5/8 ODF	3	25.27	20.32	5.24	1.13	6.00	7.56	39.00
037978	ADKS-30017T	2 1/8 ODF		25.41	20.45	5.43	1.66			
032105	ADKS-40017T	2 1/8 ODF	4	31.91	26.95	5.43	1.66			46.00
037570	ADKS-40021T	2 5/8 ODF		32.81	27.86	6.19	1.47			

\* Does not include weld bead

<sup>1</sup> "H" Dimension is the clearance required to change the internal hardware assembly

T = 1/4" FPT access connection

**ADKS Models are shipped without filter cores or filter drier cores. See filter or filter drier cores for availability.**

### Capacity Tables (in Tons)

#### Liquid Line for Replaceable Block Type ADKS Filter Driers

Description	Connection	Flow Capacity In Tons @ 1 psi $\Delta P$ <sup>1, 2</sup>					
		R-12	R-134a	R-22/R-410A	R-407C	R-404/507	R-502
ADKS 30013T	1 5/8 ODF	83	102	110	108	73	49
ADKS 30017T	2 1/8 ODF	121	148	160	157	107	59
ADKS 40017T	2 1/8 ODF	128	157	170	167	114	63
ADKS 40021T	2 5/8 ODF	136	166	180	177	120	71

<sup>1</sup> All ratings in accordance with ARI Standard 710-04. 86°F liquid refrigerant temperature  
5°F saturated vapor temperature  
3.1 lbs./min./ton for R-134a  
2.9 lbs./min./ton for R-22 and R-407C  
4.0 lbs./min./ton for R-404A/507 and R-12

<sup>2</sup> For 2 PSI  $\Delta P$ . Multiply values by 1.4

### Replacement Parts

Flange Cover	Description	PCN
ADKS-300, ADKS-400	X12176-2	027467
Shell	Strainer	Assembly
ADKS-300	X10574-5	039967
ADKS-400	X10574-6	038315
Miscellaneous Parts		
Gasket Set (Includes cover gasket)	X-11983-2	027454

### Exploded View

